

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080391.D
 Acq On : 06 Dec 2023 17:09
 Operator : JC\MD
 Sample : VN1206MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 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 01:03:15 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	8.224	168	214225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	298915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	165125	46.682	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.360%		
35) Dibromofluoromethane	8.165	113	122110	49.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.900%		
50) Toluene-d8	10.565	98	418337	47.472	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.940%		
62) 4-Bromofluorobenzene	12.847	95	161251	48.445	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57857	18.131	ug/l	100
3) Chloromethane	2.365	50	39897	16.630	ug/l	95
4) Vinyl Chloride	2.518	62	47007	18.515	ug/l	97
5) Bromomethane	2.959	94	28691	16.646	ug/l	84
6) Chloroethane	3.124	64	29041	17.383	ug/l	96
7) Trichlorofluoromethane	3.500	101	103300	19.504	ug/l	97
8) Diethyl Ether	3.965	74	29807	19.351	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	44784	18.500	ug/l	92
10) Methyl Iodide	4.589	142	46460	17.759	ug/l	88
11) Tert butyl alcohol	5.518	59	37009	95.143	ug/l	100
12) 1,1-Dichloroethene	4.342	96	43092	19.032	ug/l	83
13) Acrolein	4.177	56	39579	114.974	ug/l	96
14) Allyl chloride	5.024	41	50126	17.596	ug/l	91
15) Acrylonitrile	5.718	53	97851	93.706	ug/l	98
16) Acetone	4.430	43	84145	70.826	ug/l	89
17) Carbon Disulfide	4.718	76	111510	16.494	ug/l	100
18) Methyl Acetate	5.030	43	71682	18.779	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	160978	20.132	ug/l	99
20) Methylene Chloride	5.283	84	51496	20.698	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	47485	19.090	ug/l	97
22) Diisopropyl ether	6.677	45	120948	19.190	ug/l	94
23) Vinyl Acetate	6.606	43	347330	91.667	ug/l	93
24) 1,1-Dichloroethane	6.571	63	86644	18.875	ug/l	97
25) 2-Butanone	7.488	43	111758	79.174	ug/l	96
26) 2,2-Dichloropropane	7.494	77	87559	19.226	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	54560	19.347	ug/l	86
28) Bromochloromethane	7.818	49	32144	17.812	ug/l	95
29) Tetrahydrofuran	7.841	42	72638	95.850	ug/l	93
30) Chloroform	7.965	83	104838	20.433	ug/l	92
31) Cyclohexane	8.259	56	68662	17.849	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	100928	20.171	ug/l	97
36) 1,1-Dichloropropene	8.371	75	70056	19.794	ug/l	97
37) Ethyl Acetate	7.559	43	46549	18.961	ug/l	96
38) Carbon Tetrachloride	8.365	117	91612	20.397	ug/l	99
39) Methylcyclohexane	9.600	83	62784	18.398	ug/l	95
40) Benzene	8.606	78	199614	19.844	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26940	19.982	ug/l	94
42) 1,2-Dichloroethane	8.671	62	85122	20.684	ug/l	96
43) Isopropyl Acetate	8.688	43	93166	19.501	ug/l	96
44) Trichloroethene	9.353	130	51621	19.564	ug/l	99
45) 1,2-Dichloropropane	9.624	63	47378	20.267	ug/l	96
46) Dibromomethane	9.712	93	35748	20.202	ug/l #	86
47) Bromodichloromethane	9.888	83	82076	21.086	ug/l	99
48) Methyl methacrylate	9.682	41	46820	19.017	ug/l	95
49) 1,4-Dioxane	9.694	88	15874	387.572	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	242388	98.000	ug/l	98
52) Toluene	10.635	92	131293	20.856	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	79629	19.911	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	83315	20.391	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	49231	20.490	ug/l	99
56) Ethyl methacrylate	10.871	69	51190	20.855	ug/l	94
57) 1,3-Dichloropropane	11.165	76	85114	20.289	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	119047	86.089	ug/l	99
59) 2-Hexanone	11.194	43	173521	87.307	ug/l	97
60) Dibromochloromethane	11.359	129	59532	20.696	ug/l	98
61) 1,2-Dibromoethane	11.471	107	51078	20.838	ug/l	96
64) Tetrachloroethene	11.106	164	43105	18.896	ug/l	98
65) Chlorobenzene	11.894	112	134727	19.891	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	55523	21.124	ug/l	95
67) Ethyl Benzene	11.965	91	241759	20.059	ug/l	100
68) m/p-Xylenes	12.076	106	181173	41.228	ug/l	87
69) o-Xylene	12.400	106	87731	21.184	ug/l	91
70) Styrene	12.412	104	129328	20.981	ug/l	92
71) Bromoform	12.576	173	41703	21.395	ug/l #	99
73) Isopropylbenzene	12.700	105	229580	19.979	ug/l	100
74) N-amyl acetate	12.494	43	63406	17.694	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	65144	18.941	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	62543m	17.261	ug/l	
77) Bromobenzene	12.982	156	58290	20.119	ug/l	94
78) n-propylbenzene	13.035	91	250635	19.505	ug/l	99
79) 2-Chlorotoluene	13.129	91	162887	19.517	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	197723	19.766	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	22057	20.567	ug/l #	85
82) 4-Chlorotoluene	13.223	91	166788	19.507	ug/l	97
83) tert-Butylbenzene	13.441	119	158822	19.799	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	198687	20.171	ug/l	98
85) sec-Butylbenzene	13.617	105	198829	19.593	ug/l	100
86) p-Isopropyltoluene	13.729	119	183378	20.229	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	96157	18.422	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	98870	18.848	ug/l	95
89) n-Butylbenzene	14.059	91	139519	18.388	ug/l	99
90) Hexachloroethane	14.335	117	34093	19.291	ug/l	72
91) 1,2-Dichlorobenzene	14.112	146	96149	19.249	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14725	18.432	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	48155	16.576	ug/l	97
94) Hexachlorobutadiene	15.506	225	30033	17.964	ug/l	97
95) Naphthalene	15.641	128	152281	18.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	47175	17.324	ug/l	96

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ALS Vial : 17 Sample Multiplier: 1

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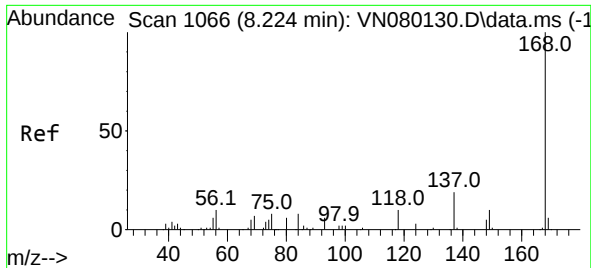
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

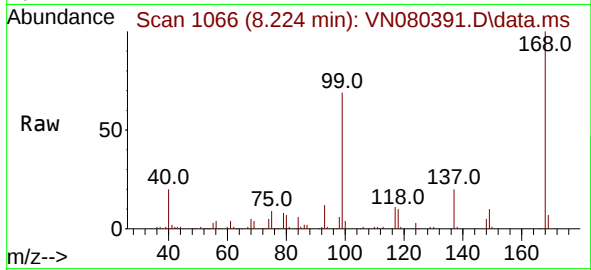
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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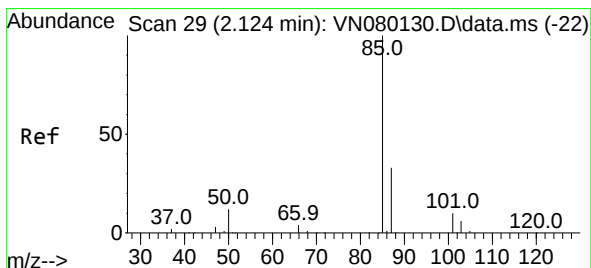
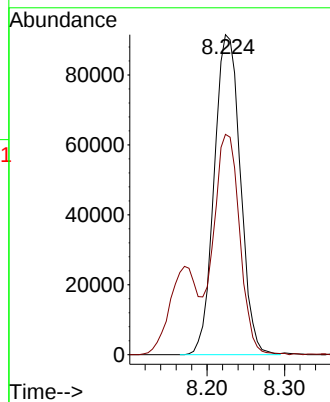
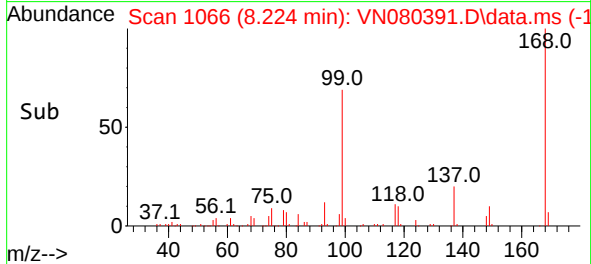
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion:168 Resp: 214225
Ion Ratio Lower Upper
168 100
99 68.5 53.0 79.6

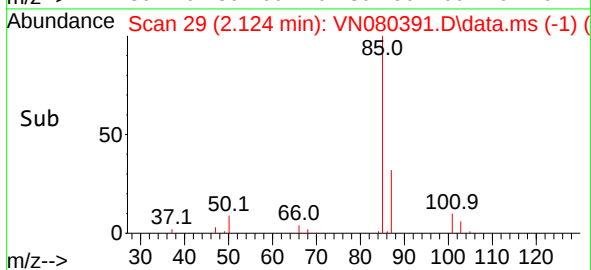
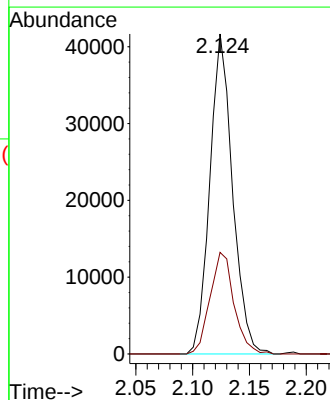
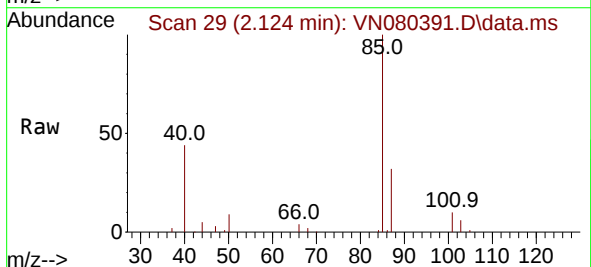
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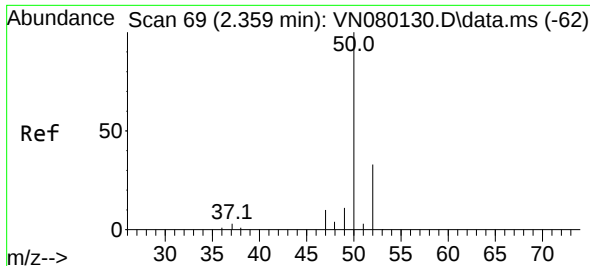
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#2
Dichlorodifluoromethane
Concen: 18.131 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion: 85 Resp: 57857
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





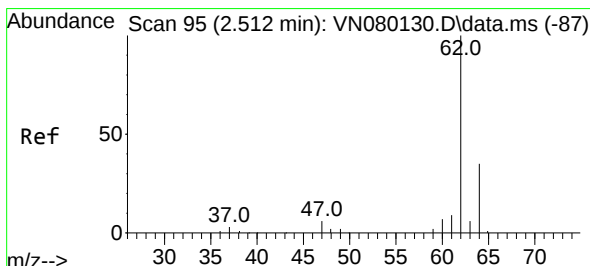
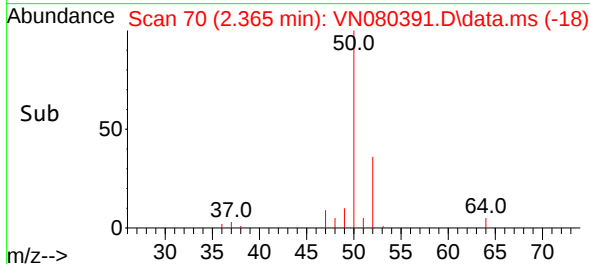
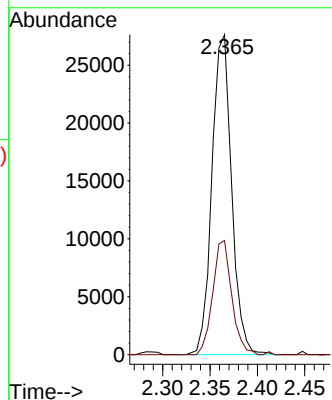
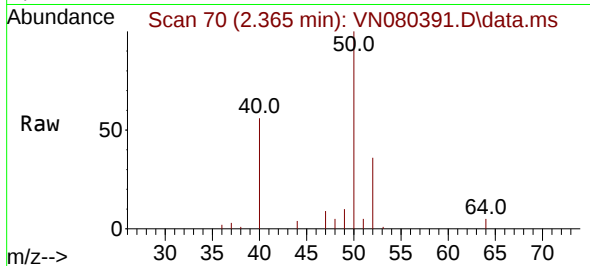
#3
Chloromethane
Concen: 16.630 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080391.D
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Tgt Ion: 50 Resp: 3989
Ion Ratio Lower Upper
50 100
52 35.7 26.5 39.7

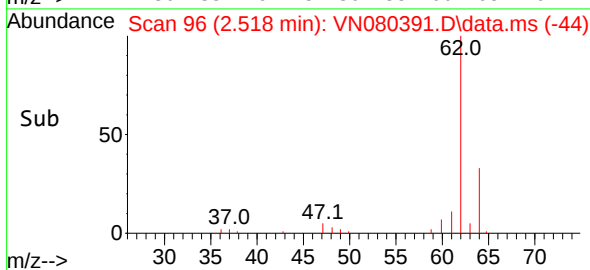
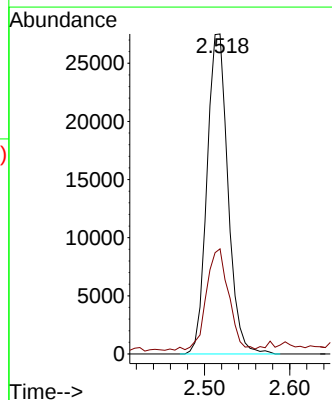
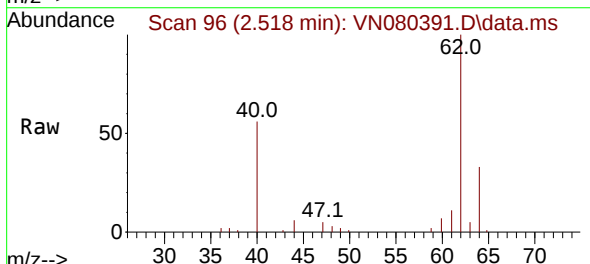
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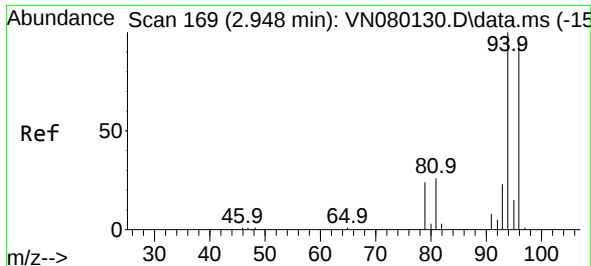
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#4
Vinyl Chloride
Concen: 18.515 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion: 62 Resp: 47007
Ion Ratio Lower Upper
62 100
64 30.8 26.2 39.2





#5

Bromomethane

Concen: 16.646 ug/l

RT: 2.959 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

Tgt Ion: 94 Resp: 2869

Ion Ratio Lower Upper

94 100

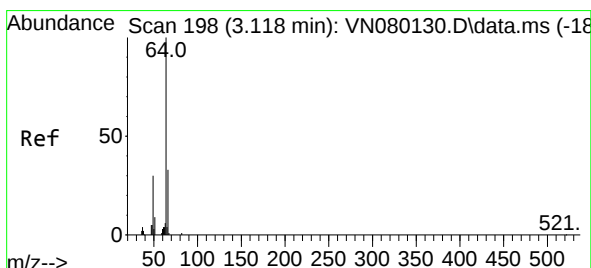
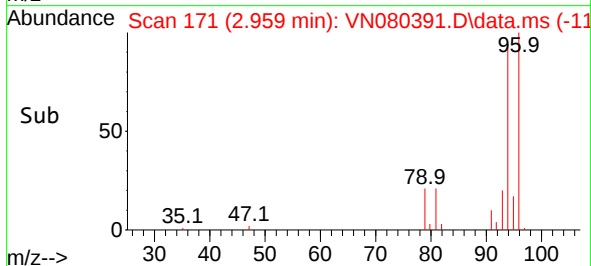
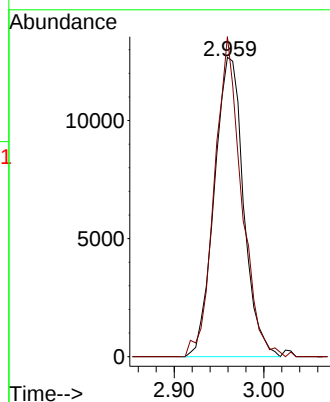
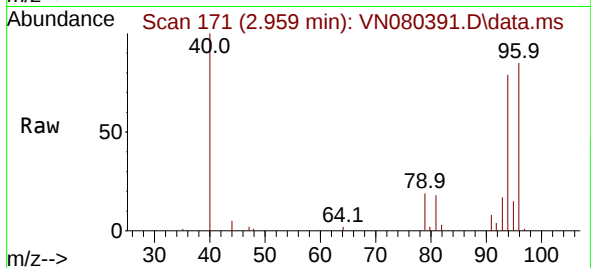
96 106.9 73.1 109.7

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#6

Chloroethane

Concen: 17.383 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.006 min

Lab File: VN080391.D

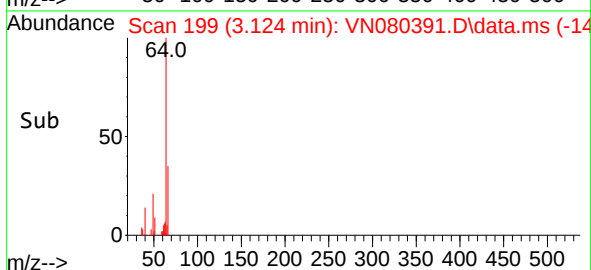
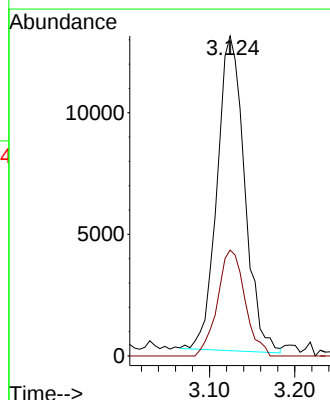
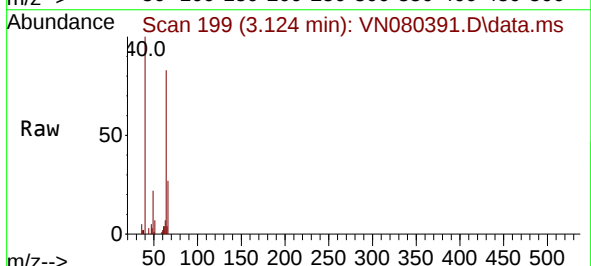
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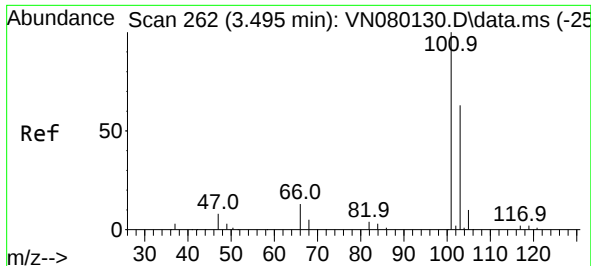
Tgt Ion: 64 Resp: 29041

Ion Ratio Lower Upper

64 100

66 33.9 25.4 38.2





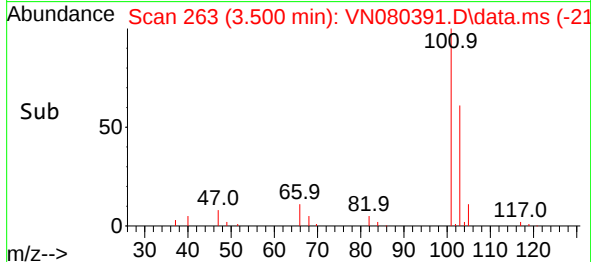
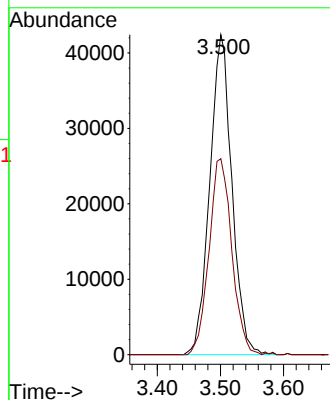
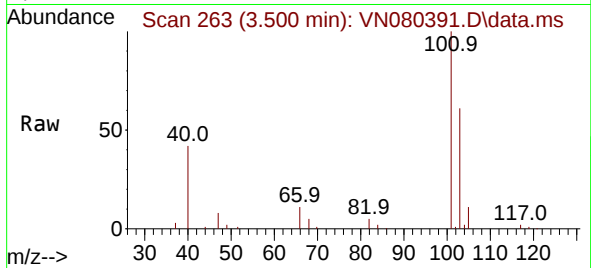
#7
Trichlorofluoromethane
Concen: 19.504 ug/l
RT: 3.500 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion:101 Resp: 103300
Ion Ratio Lower Upper
101 100
103 61.2 50.7 76.1

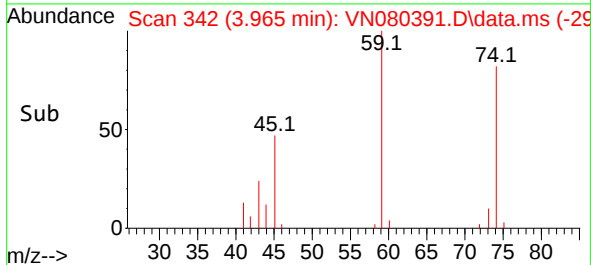
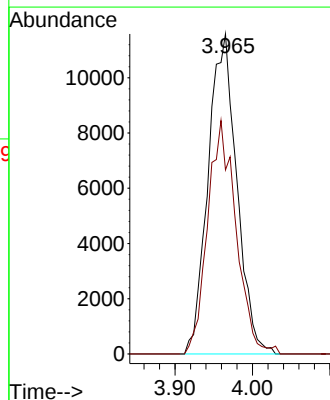
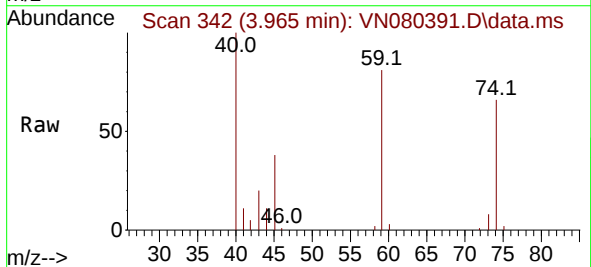
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#8
Diethyl Ether
Concen: 19.351 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion: 74 Resp: 29807
Ion Ratio Lower Upper
74 100
45 72.2 34.4 103.3





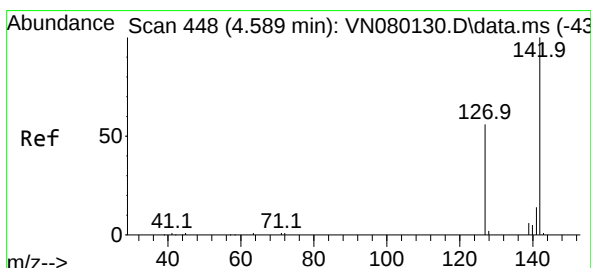
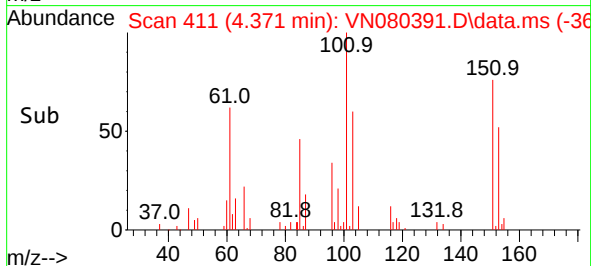
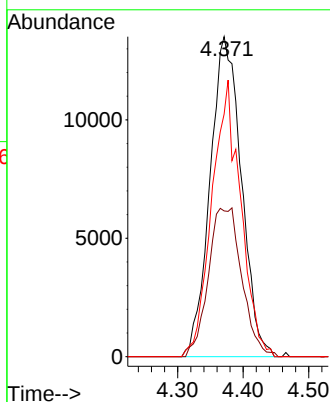
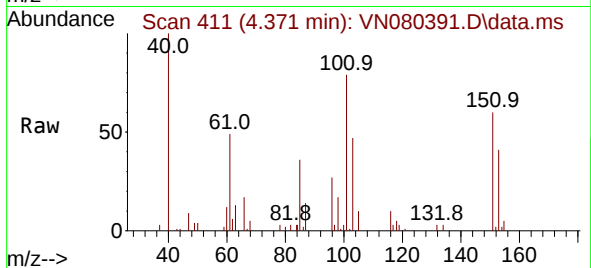
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.500 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080391.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion:101 Resp: 44784
Ion Ratio Lower Upper
101 100
85 49.5 36.6 55.0
151 79.5 57.6 86.4

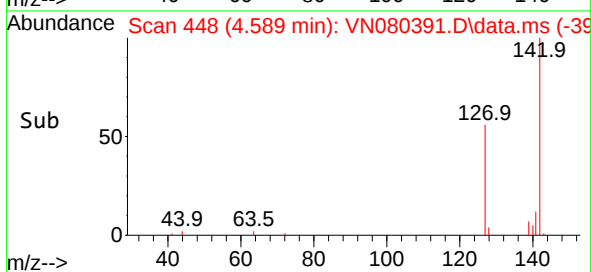
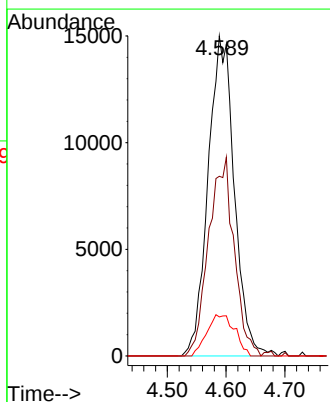
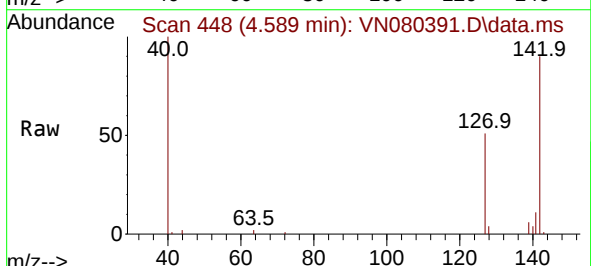
Manual Integrations
APPROVED

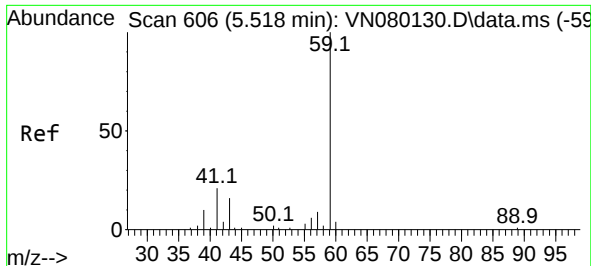
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#10
Methyl Iodide
Concen: 17.759 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

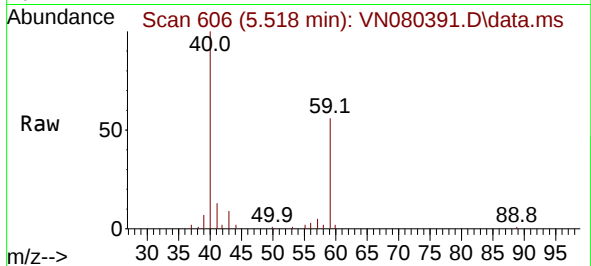
Tgt Ion:142 Resp: 46460
Ion Ratio Lower Upper
142 100
127 56.1 37.6 56.4
141 12.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 95.143 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

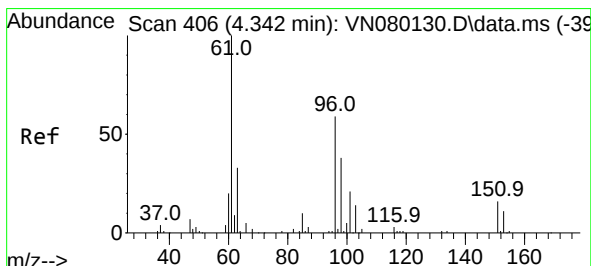
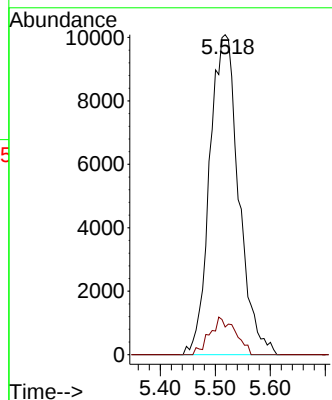
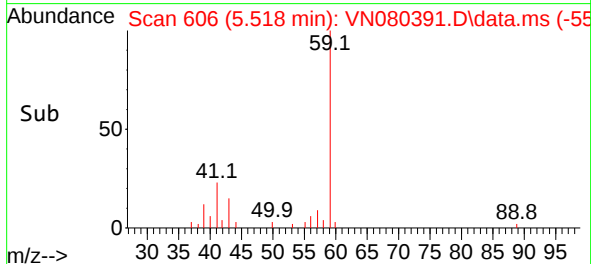
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion: 59 Resp: 37009
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

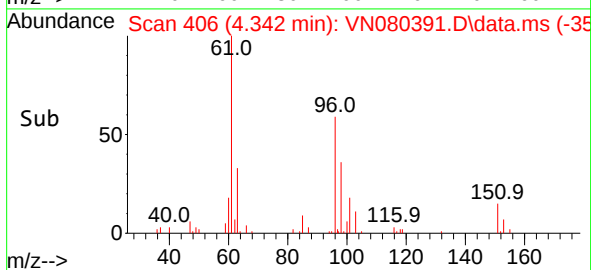
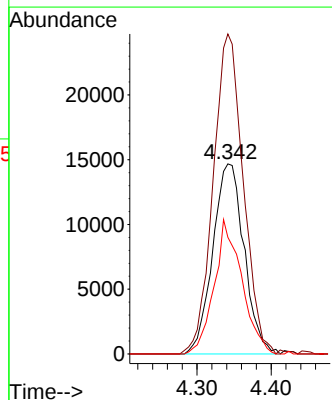
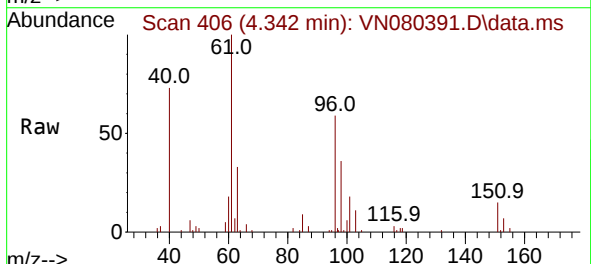
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 19.032 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion: 96 Resp: 43092
Ion Ratio Lower Upper
96 100
61 168.4 112.7 169.1
98 61.4 51.2 76.8





#13

Acrolein

Concen: 114.974 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

Tgt Ion: 56 Resp: 39579

Ion Ratio Lower Upper

56 100

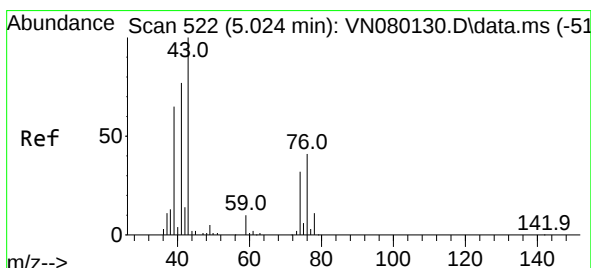
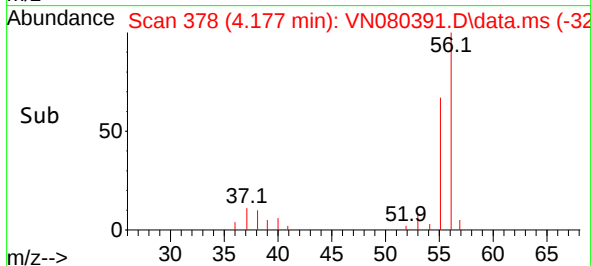
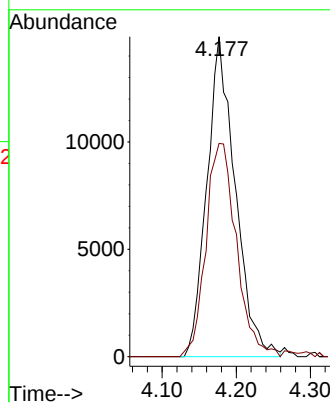
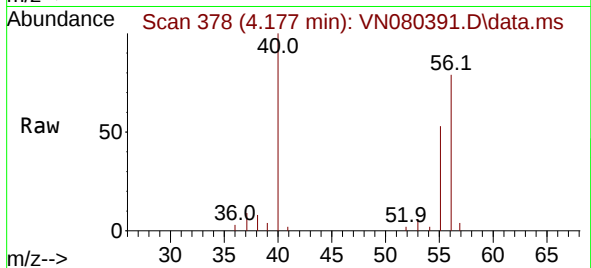
55 71.5 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#14

Allyl chloride

Concen: 17.596 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

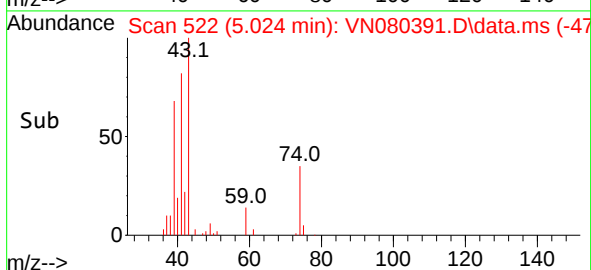
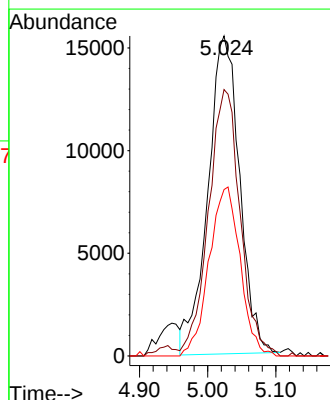
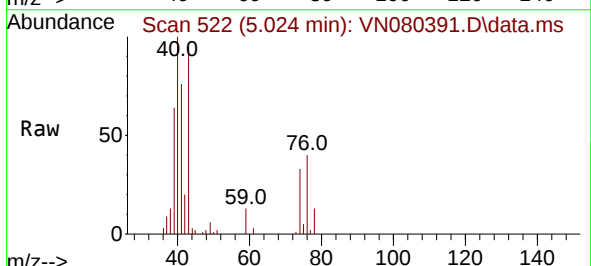
Tgt Ion: 41 Resp: 50126

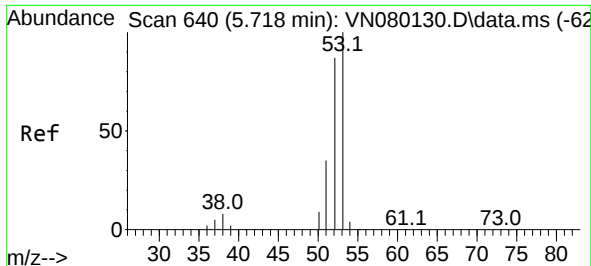
Ion Ratio Lower Upper

41 100

39 83.5 58.8 88.2

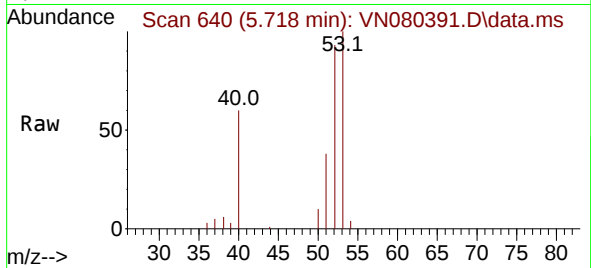
76 52.0 39.1 58.7





#15
Acrylonitrile
Concen: 93.706 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

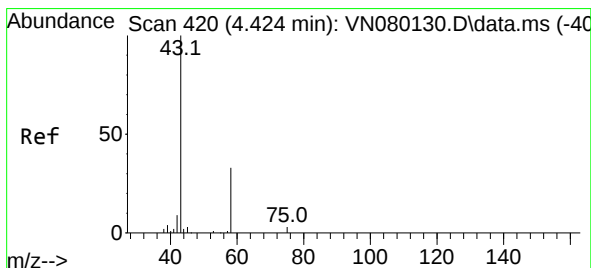
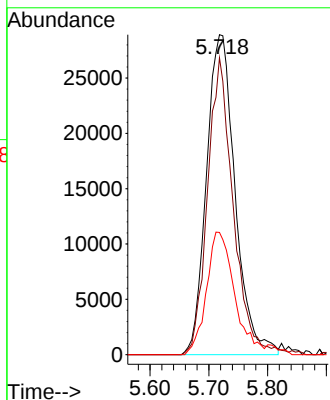
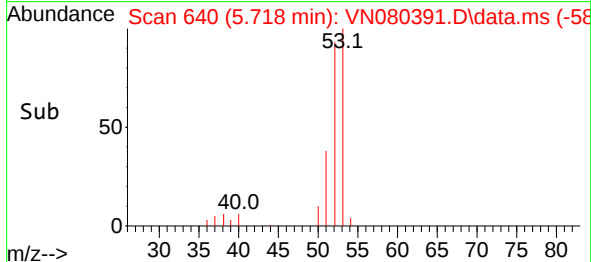
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBSD01



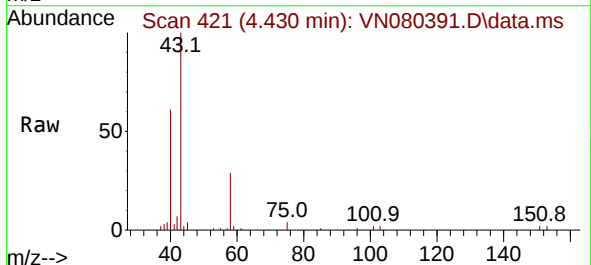
Tgt Ion: 53 Resp: 9785
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 37.4 28.9 43.3

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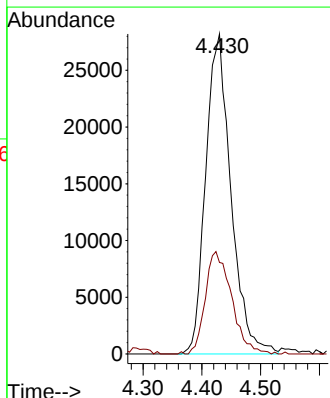
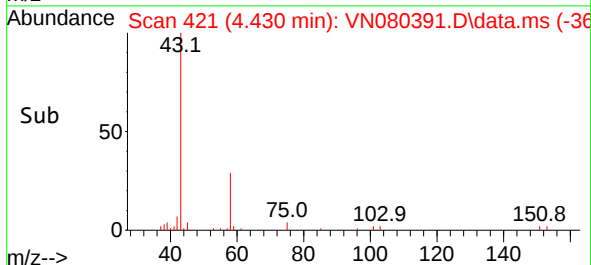
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

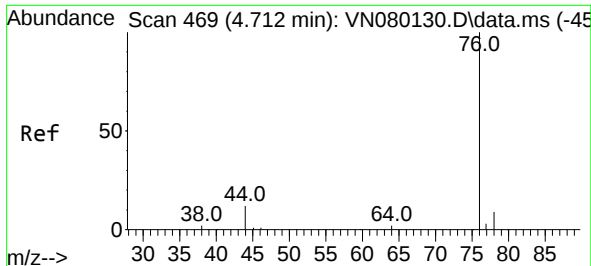


#16
Acetone
Concen: 70.826 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09



Tgt Ion: 43 Resp: 84145
Ion Ratio Lower Upper
43 100
58 28.6 28.0 42.0





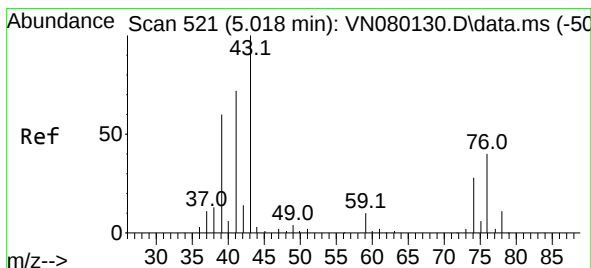
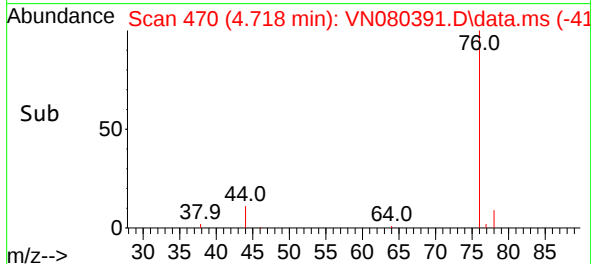
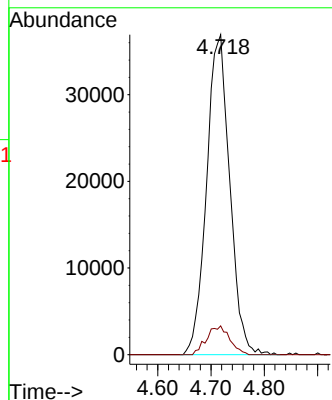
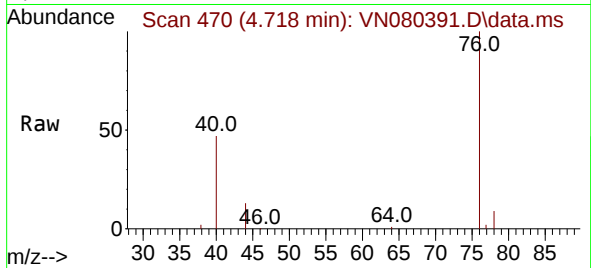
#17
Carbon Disulfide
Concen: 16.494 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion: 76 Resp: 111510
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

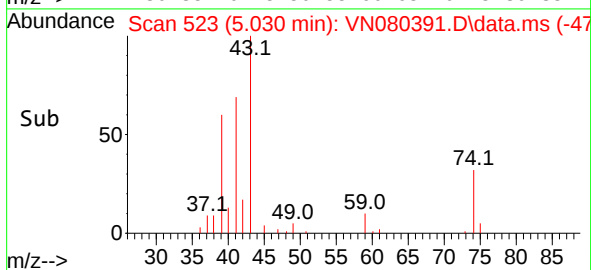
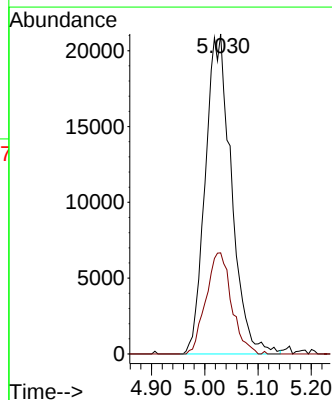
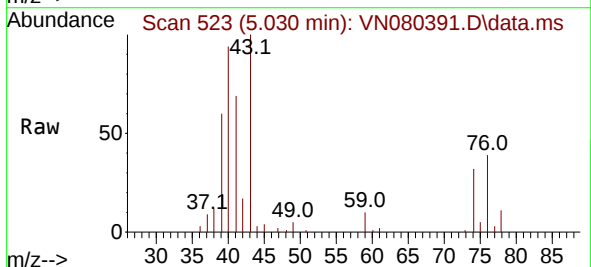
Manual Integrations
APPROVED

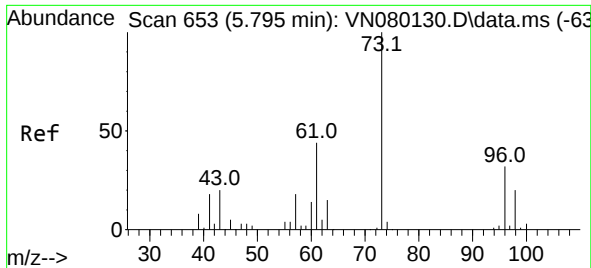
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#18
Methyl Acetate
Concen: 18.779 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion: 43 Resp: 71682
Ion Ratio Lower Upper
43 100
74 31.0 26.2 39.4





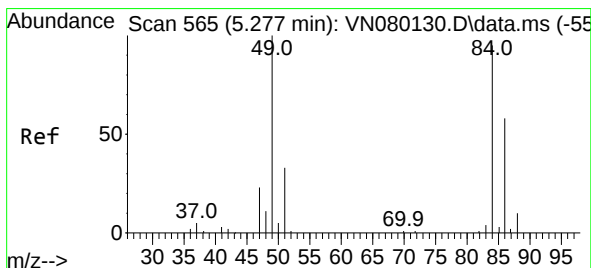
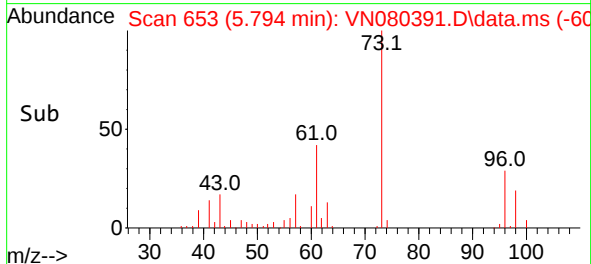
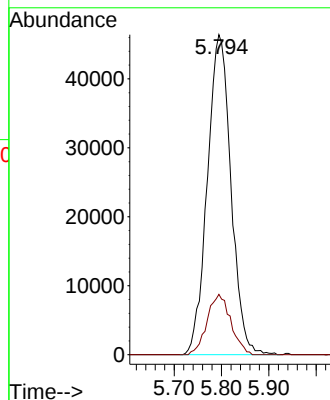
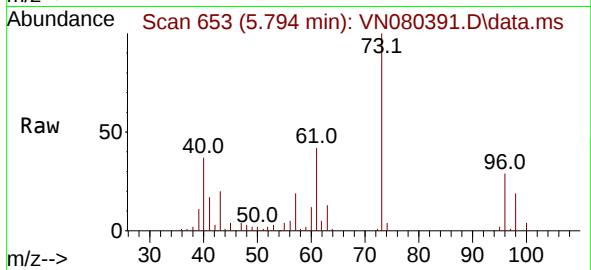
#19
Methyl tert-butyl Ether
Concen: 20.132 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBSD01

Tgt Ion: 73 Resp: 160978
Ion Ratio Lower Upper
73 100
57 18.9 15.6 23.4

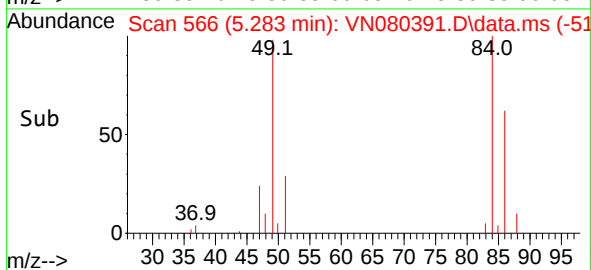
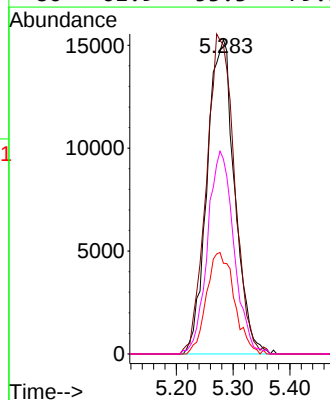
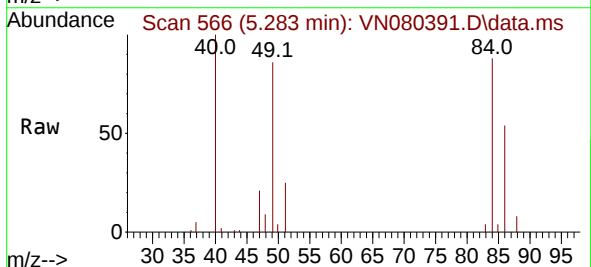
Manual Integrations
APPROVED

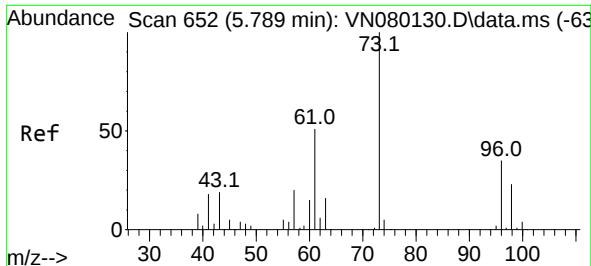
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#20
Methylene Chloride
Concen: 20.698 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

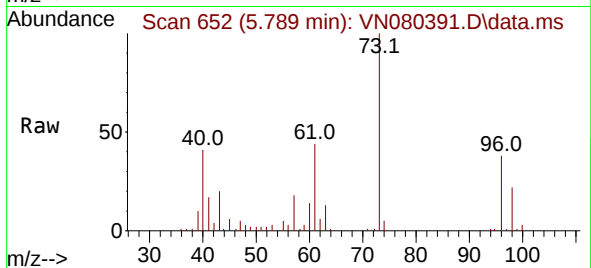
Tgt Ion: 84 Resp: 51496
Ion Ratio Lower Upper
84 100
49 98.3 79.7 119.5
51 28.8 25.2 37.8
86 61.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.090 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

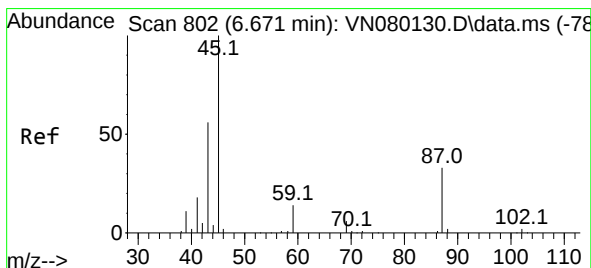
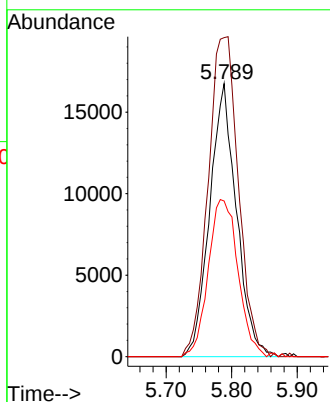
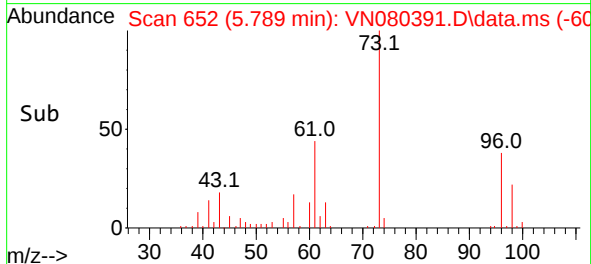
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion: 96 Resp: 4748
Ion Ratio Lower Upper
96 100
61 116.8 90.1 135.1
98 57.0 46.4 69.6

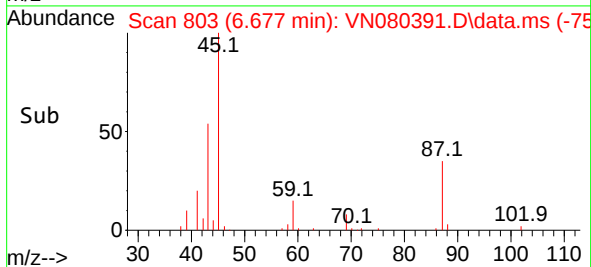
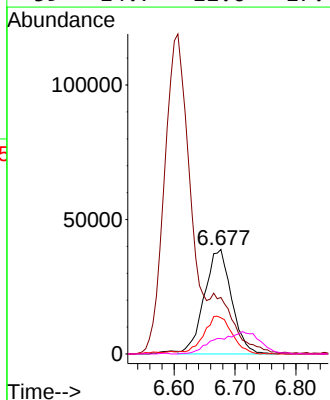
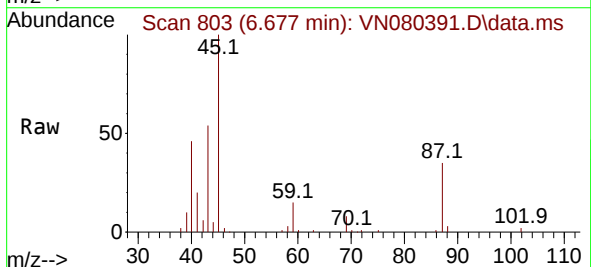
Manual Integrations
APPROVED

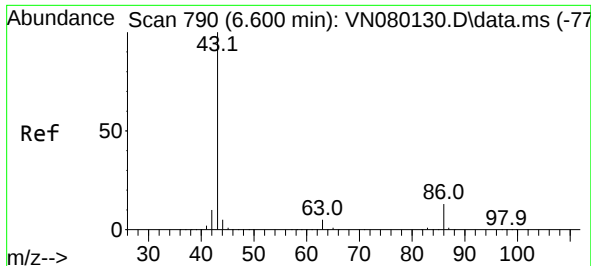
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#22
Diisopropyl ether
Concen: 19.190 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion: 45 Resp: 120948
Ion Ratio Lower Upper
45 100
43 53.0 45.5 68.3
87 34.7 31.8 47.8
59 14.7 11.6 17.4





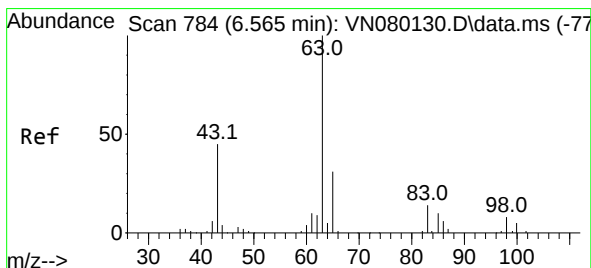
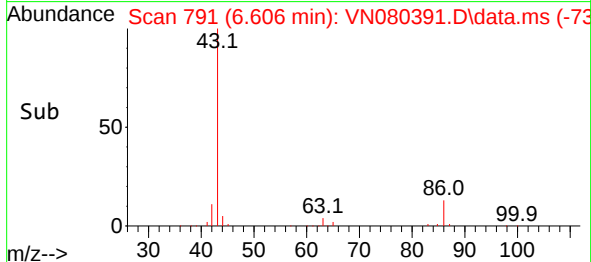
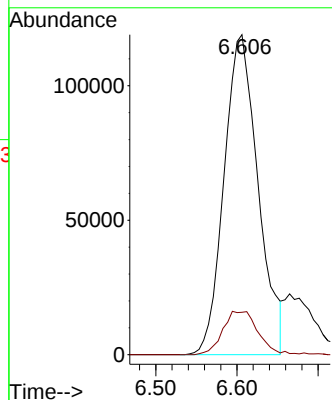
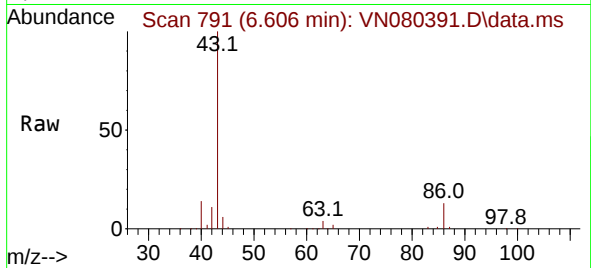
#23
 Vinyl Acetate
 Concen: 91.667 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080391.D
 Acq: 06 Dec 2023 17:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206MBS01

Tgt Ion: 43 Resp: 347330
 Ion Ratio Lower Upper
 43 100
 86 13.3 13.0 19.6

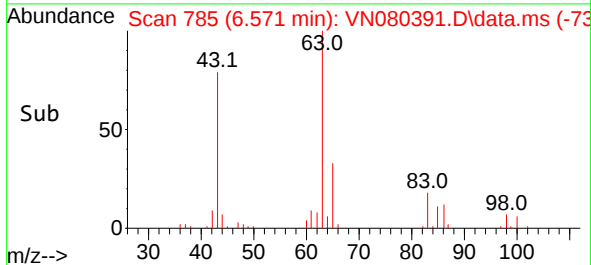
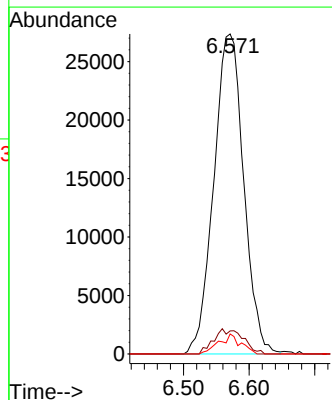
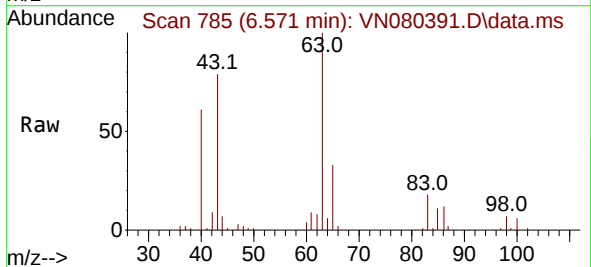
Manual Integrations
 APPROVED

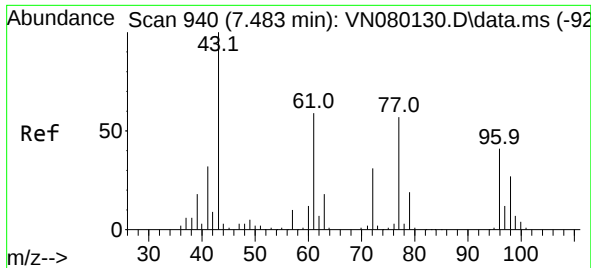
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023



#24
 1,1-Dichloroethane
 Concen: 18.875 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080391.D
 Acq: 06 Dec 2023 17:09

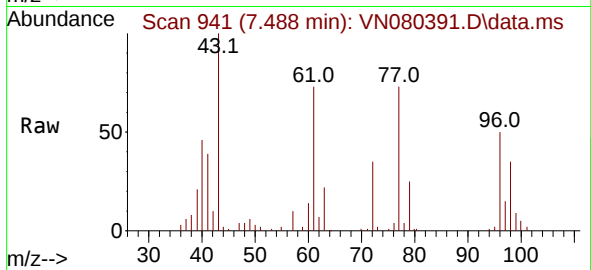
Tgt Ion: 63 Resp: 86644
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 6.3 2.5 7.4





#25
2-Butanone
Concen: 79.174 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

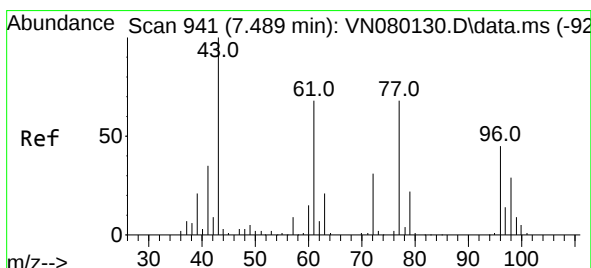
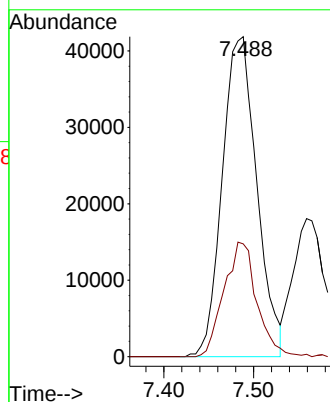
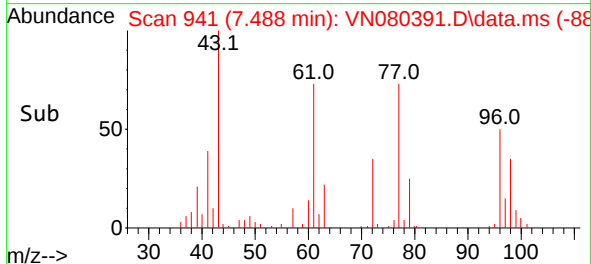
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion: 43 Resp: 111758
Ion Ratio Lower Upper
43 100
72 35.2 30.2 45.2

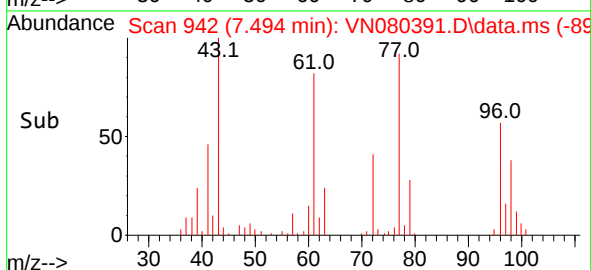
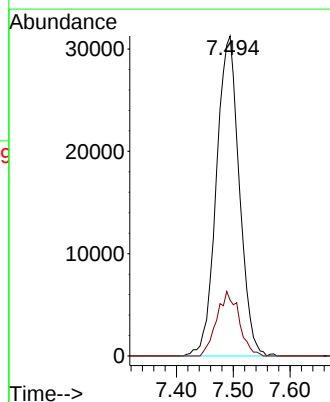
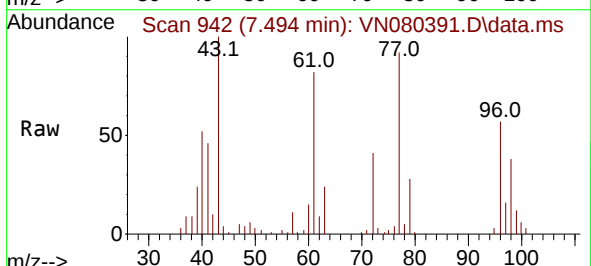
Manual Integrations
APPROVED

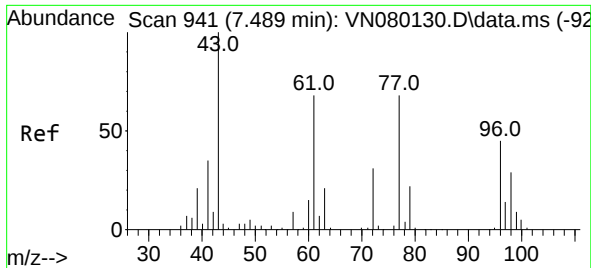
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#26
2,2-Dichloropropane
Concen: 19.226 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

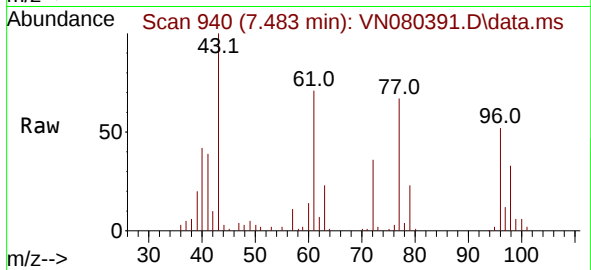
Tgt Ion: 77 Resp: 87559
Ion Ratio Lower Upper
77 100
97 19.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.347 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080391.D
 Acq: 06 Dec 2023 17:09

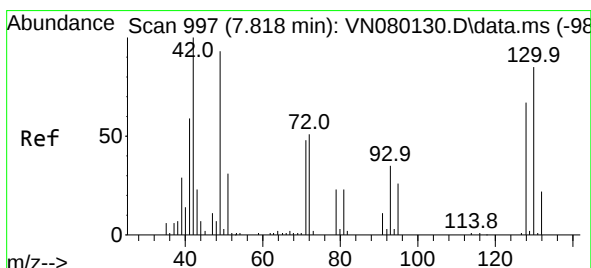
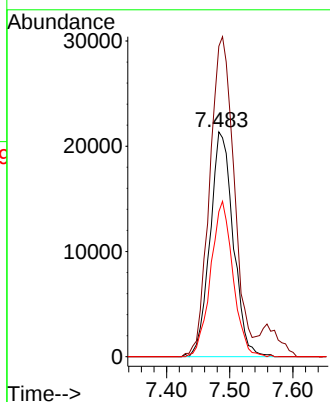
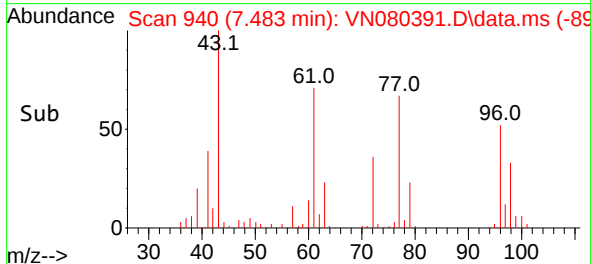
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206MBS01



Tgt Ion: 96 Resp: 54560
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 255.2
 98 66.7 0.0 128.8

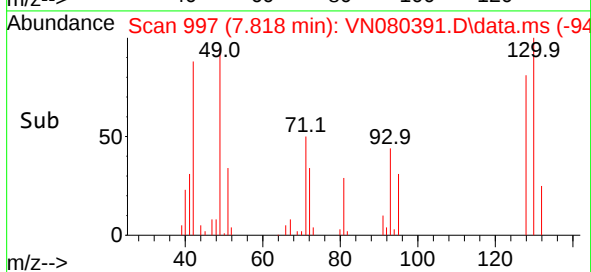
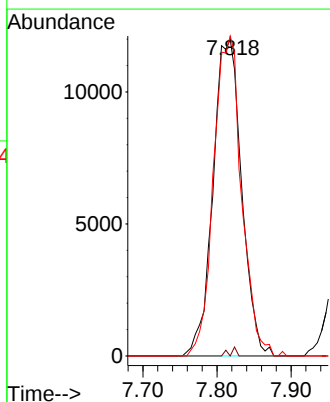
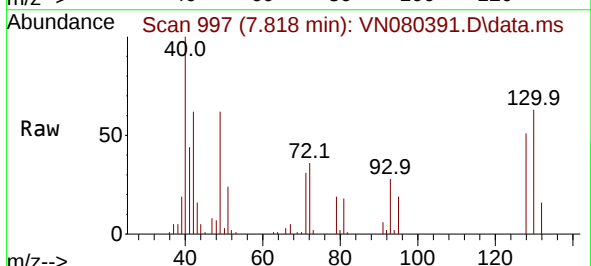
Manual Integrations
 APPROVED

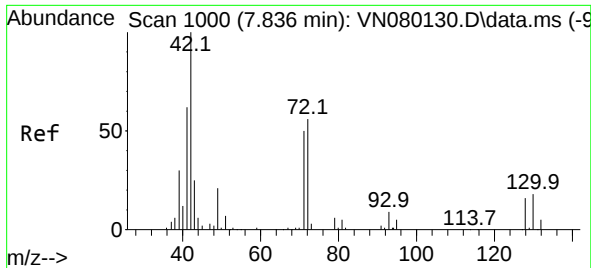
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023



#28
 Bromochloromethane
 Concen: 17.812 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080391.D
 Acq: 06 Dec 2023 17:09

Tgt Ion: 49 Resp: 32144
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.8
 130 98.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 95.850 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

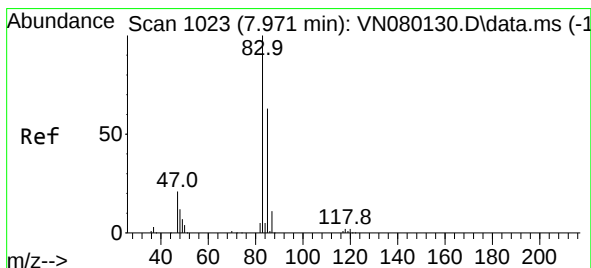
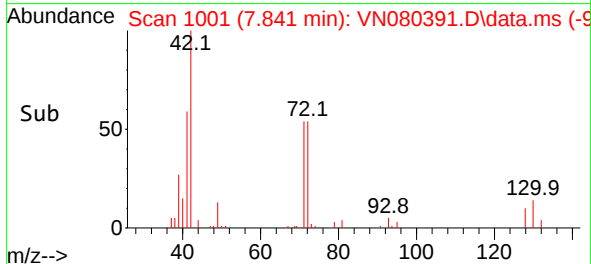
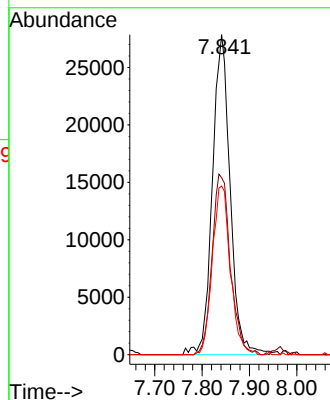
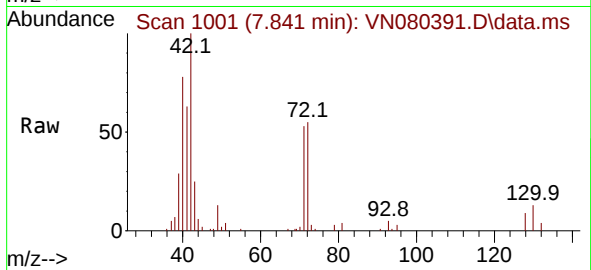
Tgt Ion:	42	Resp:	72638
Ion	Ratio	Lower	Upper
42	100		
72	58.1	49.8	74.6
71	53.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#30

Chloroform

Concen: 20.433 ug/l

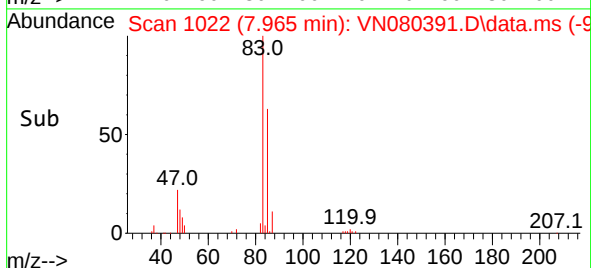
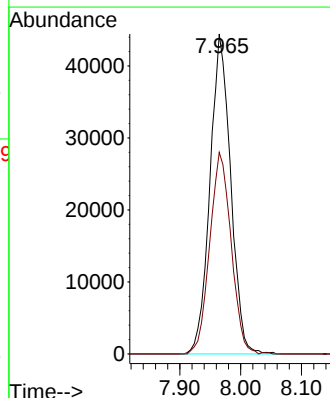
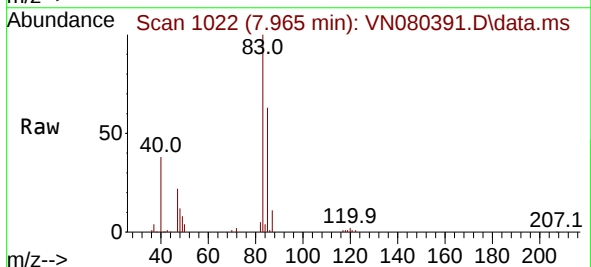
RT: 7.965 min Scan# 1022

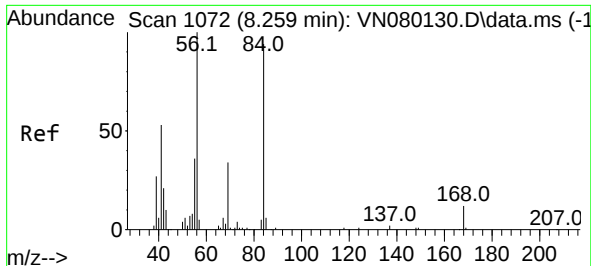
Delta R.T. -0.006 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

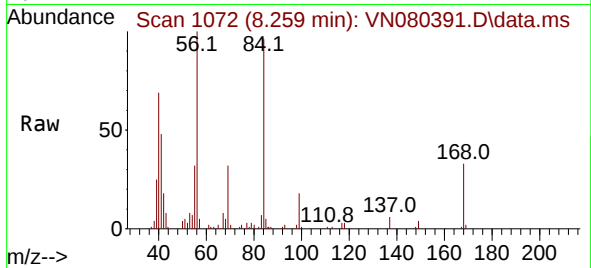
Tgt Ion:	83	Resp:	104838
Ion	Ratio	Lower	Upper
83	100		
85	63.0	55.4	83.0





#31
Cyclohexane
Concen: 17.849 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

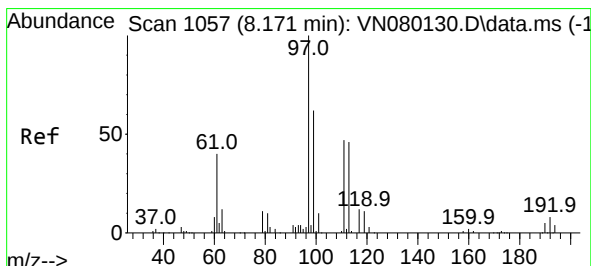
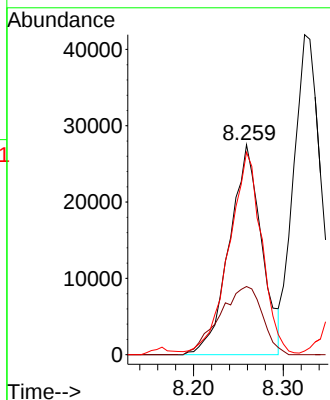
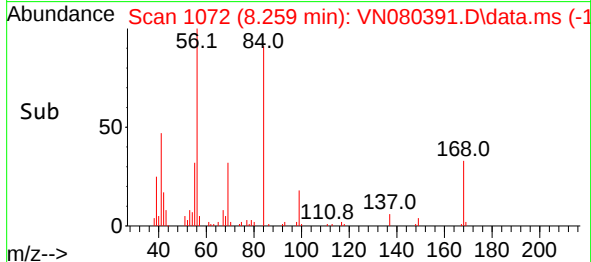
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBSD01



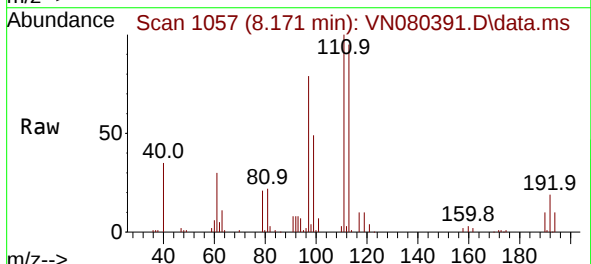
Tgt Ion: 56 Resp: 68662
Ion Ratio Lower Upper
56 100
69 31.9 26.8 40.2
84 94.9 81.8 122.6

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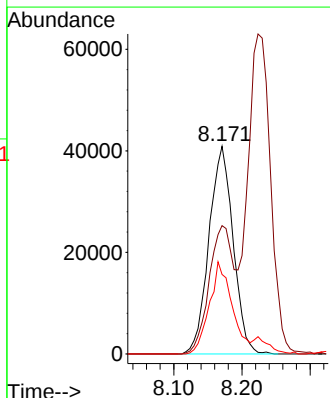
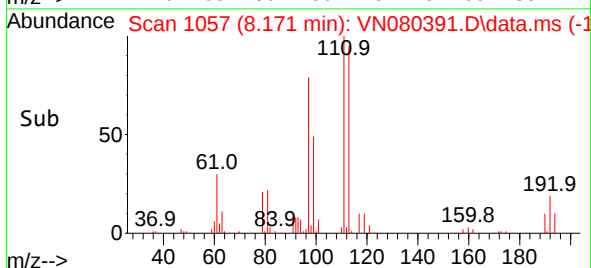
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

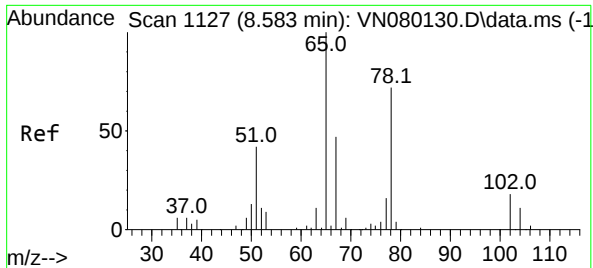


#32
1,1,1-Trichloroethane
Concen: 20.171 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09



Tgt Ion: 97 Resp: 100928
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 41.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 46.682 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

Tgt Ion: 65 Resp: 16512

Ion Ratio Lower Upper

65 100

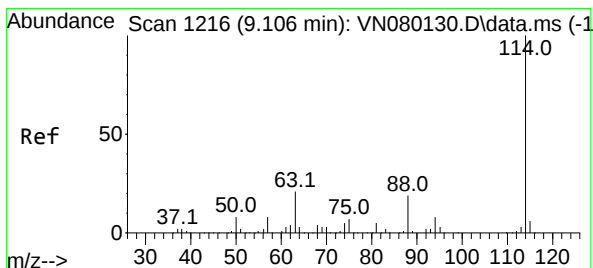
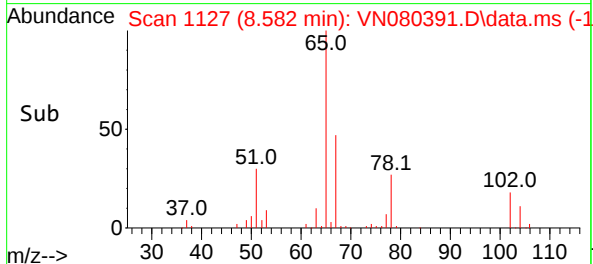
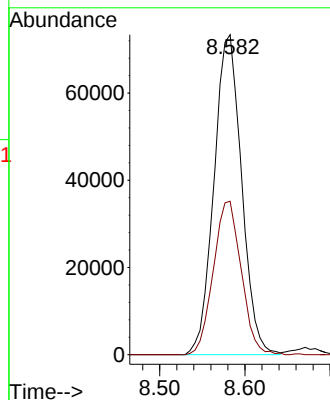
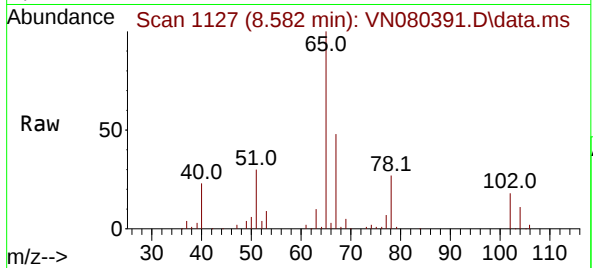
67 48.4 0.0 106.6

Manual Integrations

APPROVED

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: VN080391.D

Acq: 06 Dec 2023 17:09

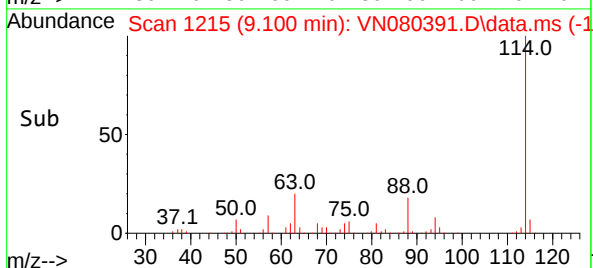
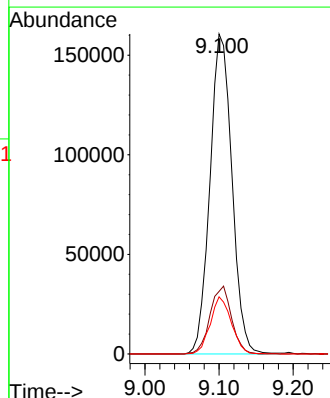
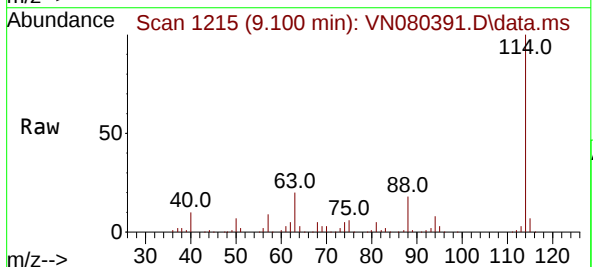
Tgt Ion:114 Resp: 331307

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

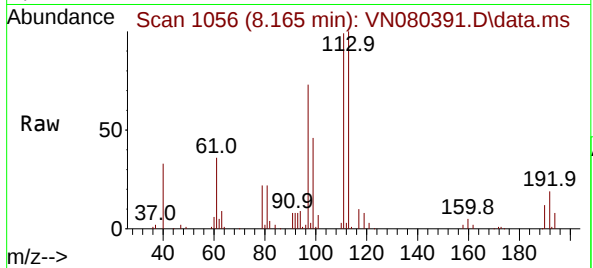
88 17.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.951 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

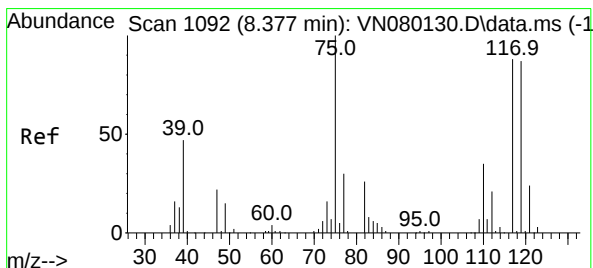
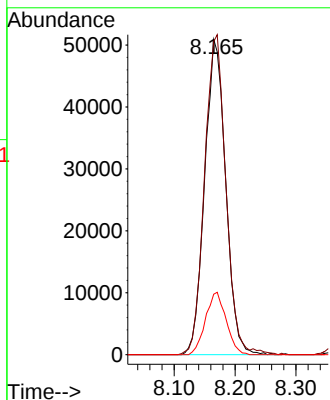
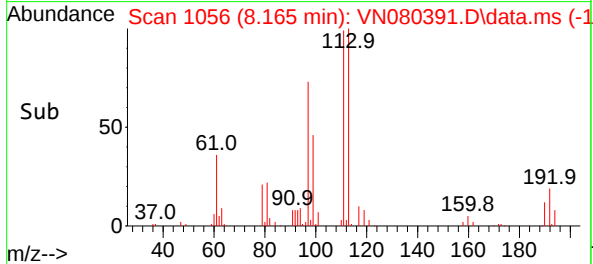
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBSD01



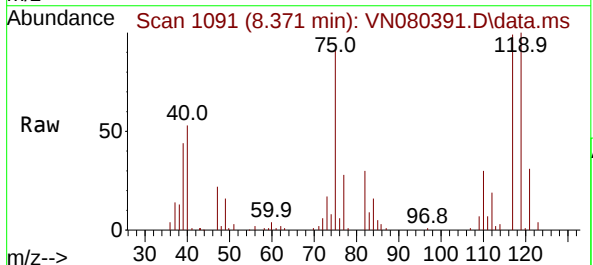
Tgt Ion: 113 Resp: 122110
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 19.4 12.7 19.1

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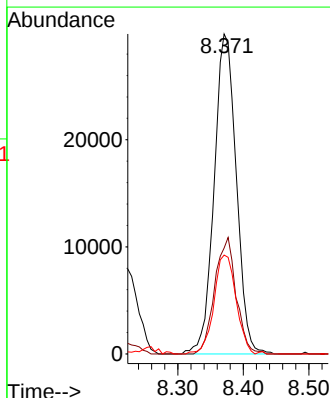
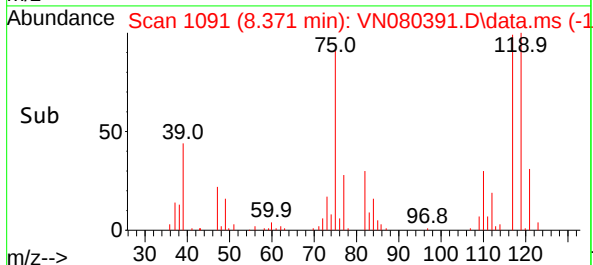
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

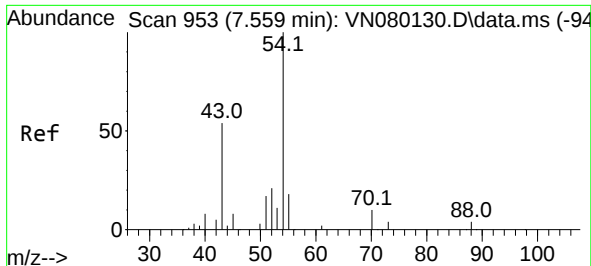


#36
1,1-Dichloropropene
Concen: 19.794 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09



Tgt Ion: 75 Resp: 70056
Ion Ratio Lower Upper
75 100
110 35.3 19.1 57.3
77 30.8 25.0 37.4





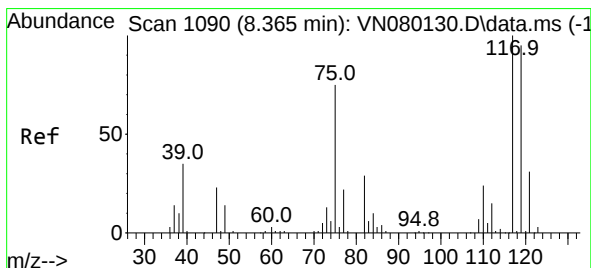
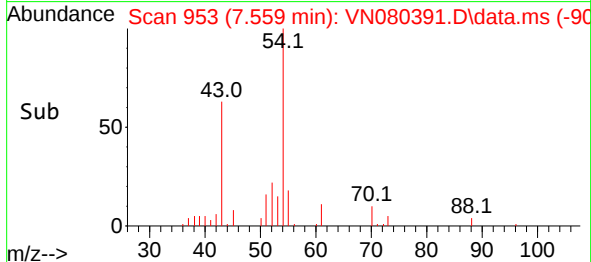
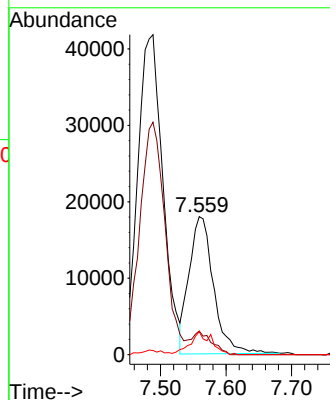
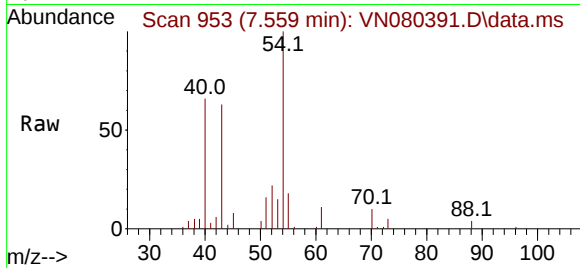
#37
Ethyl Acetate
Concen: 18.961 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion: 43 Resp: 46549
Ion Ratio Lower Upper
43 100
61 13.5 13.2 19.8
70 14.7 11.3 16.9

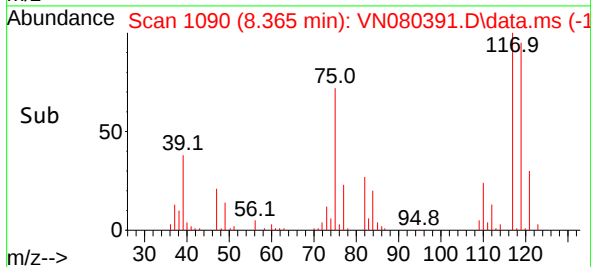
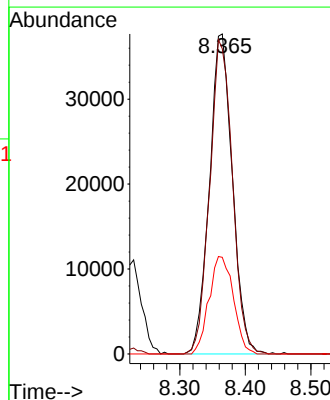
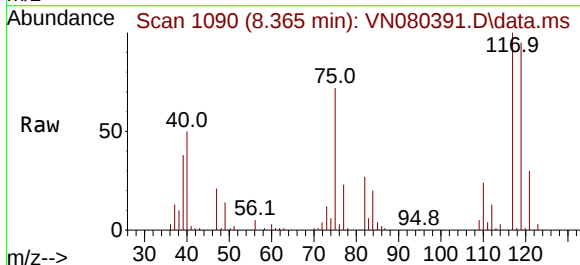
Manual Integrations
APPROVED

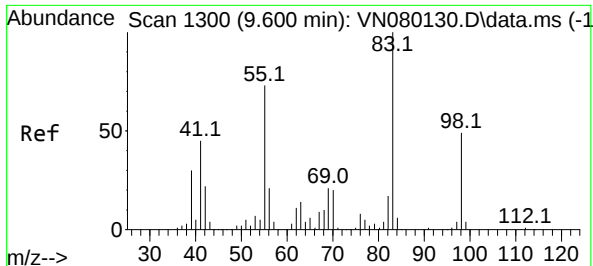
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#38
Carbon Tetrachloride
Concen: 20.397 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion:117 Resp: 91612
Ion Ratio Lower Upper
117 100
119 95.4 77.3 115.9
121 30.2 23.3 34.9





#39

Methylcyclohexane

Concen: 18.398 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBSD01

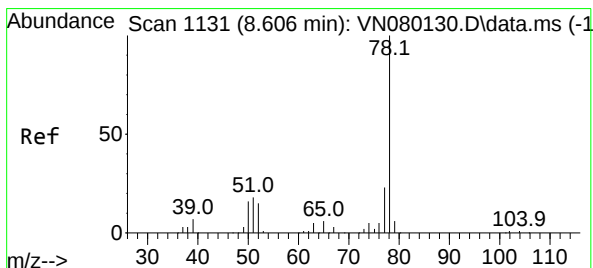
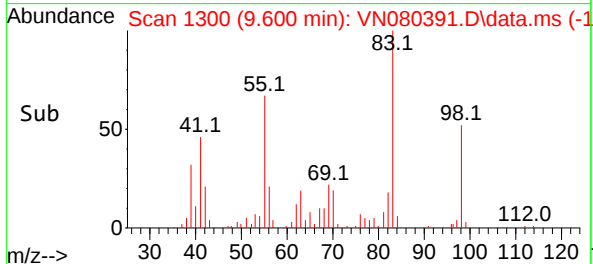
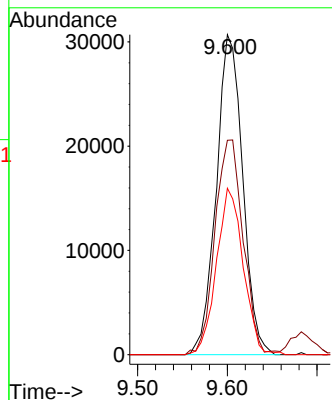
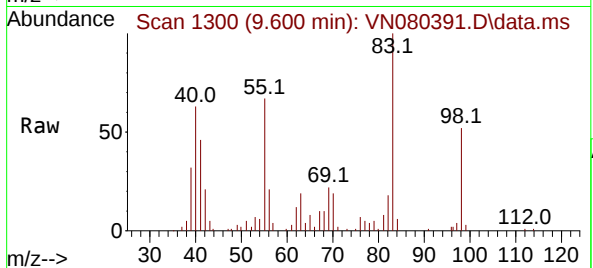
Tgt Ion: 83 Resp: 62784
 Ion Ratio Lower Upper
 83 100
 55 67.0 49.1 73.7
 98 52.0 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#40

Benzene

Concen: 19.844 ug/l

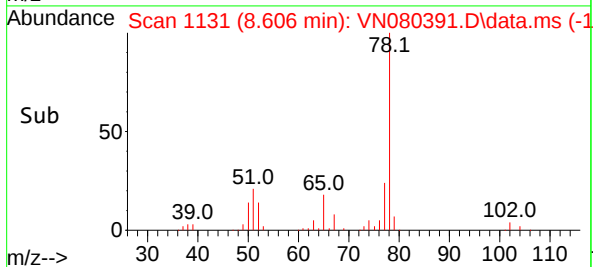
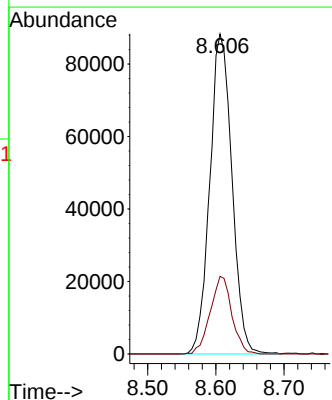
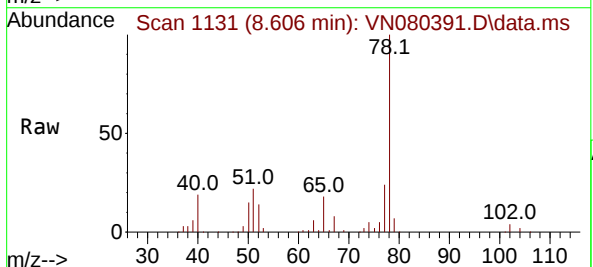
RT: 8.606 min Scan# 1131

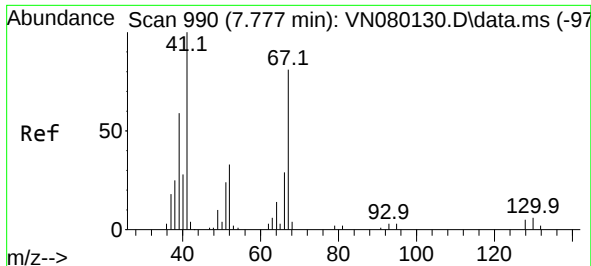
Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

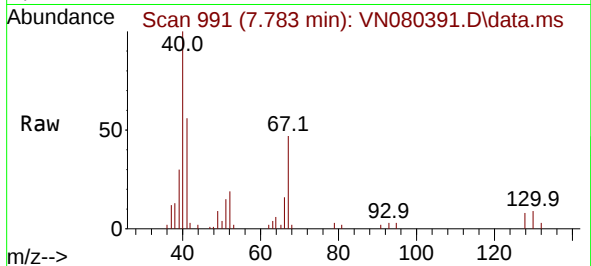
Tgt Ion: 78 Resp: 199614
 Ion Ratio Lower Upper
 78 100
 77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 19.982 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

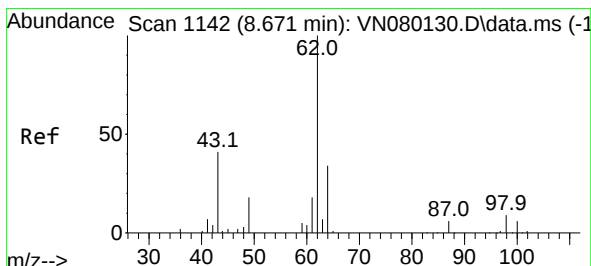
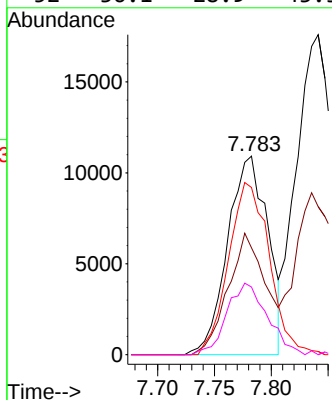
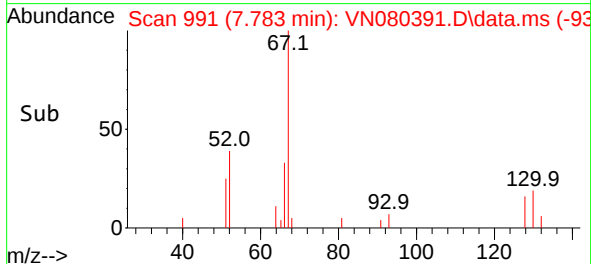
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBSD01



Tgt Ion: 41 Resp: 26940
Ion Ratio Lower Upper
41 100
39 57.2 42.6 64.0
67 87.9 77.5 116.3
52 36.1 28.9 43.3

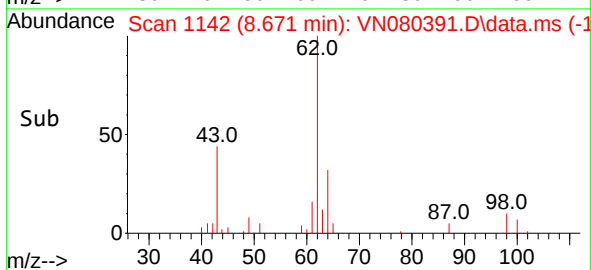
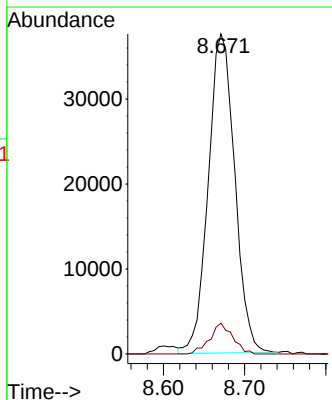
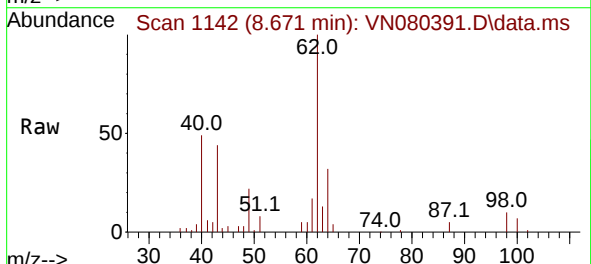
Manual Integrations
APPROVED

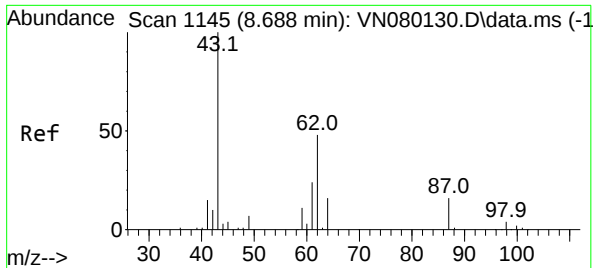
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#42
1,2-Dichloroethane
Concen: 20.684 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion: 62 Resp: 85122
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 19.501 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

Tgt Ion: 43 Resp: 9316

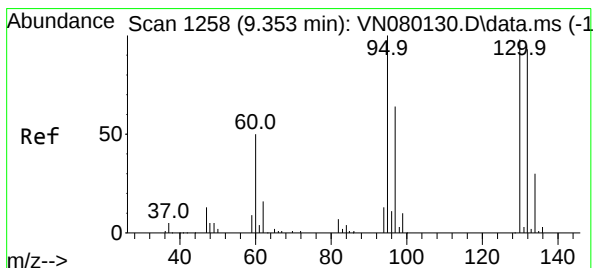
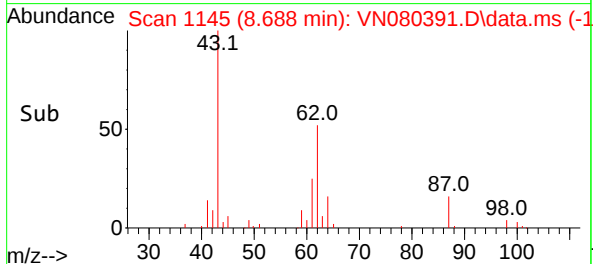
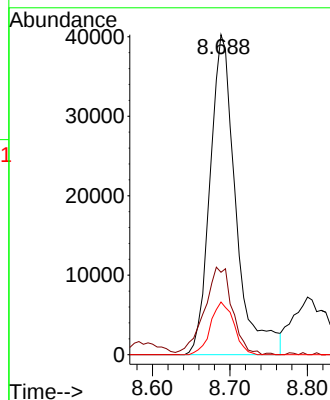
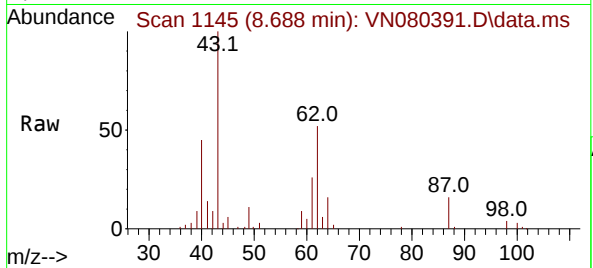
Ion	Ratio	Lower	Upper
43	100		
61	29.8	24.7	37.1
87	14.8	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#44

Trichloroethene

Concen: 19.564 ug/l

RT: 9.353 min Scan# 1258

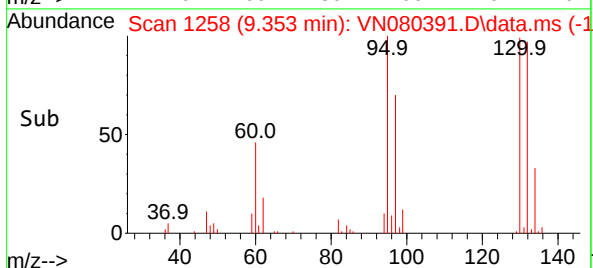
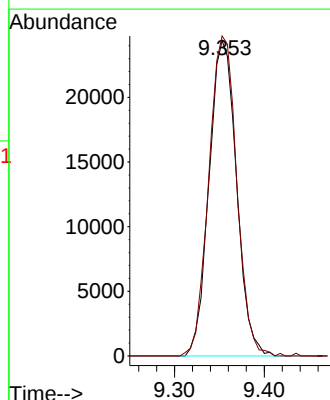
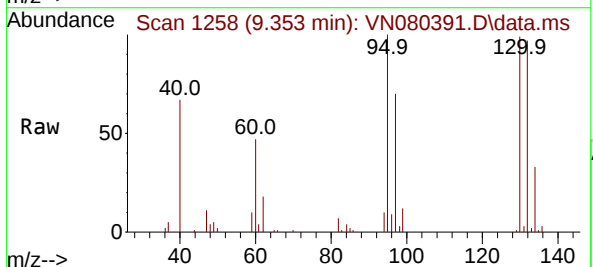
Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Tgt Ion:130 Resp: 51621

Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	204.6





#45

1,2-Dichloropropane

Concen: 20.267 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

Tgt Ion: 63 Resp: 47378

Ion Ratio Lower Upper

63 100

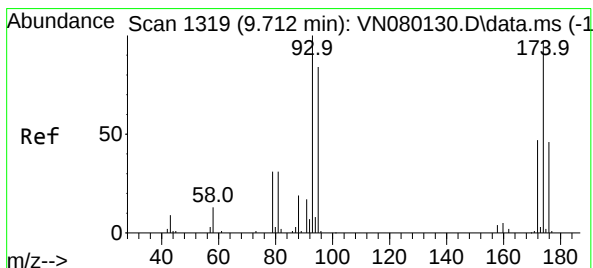
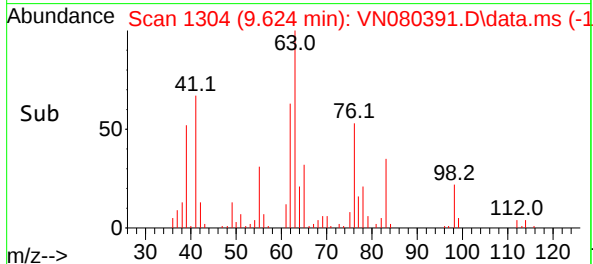
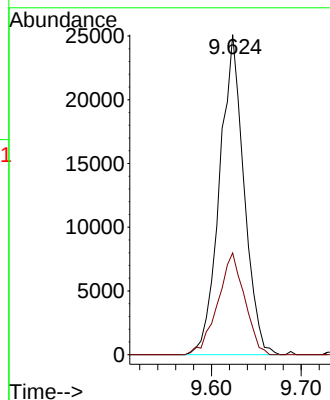
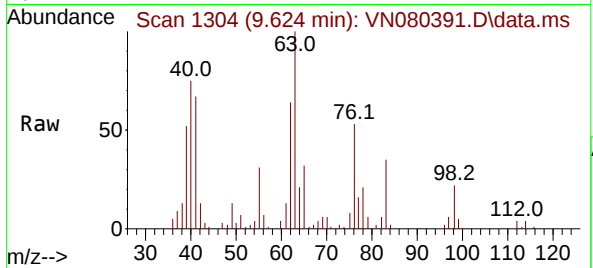
65 31.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#46

Dibromomethane

Concen: 20.202 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

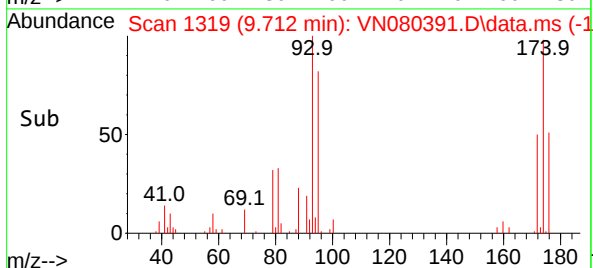
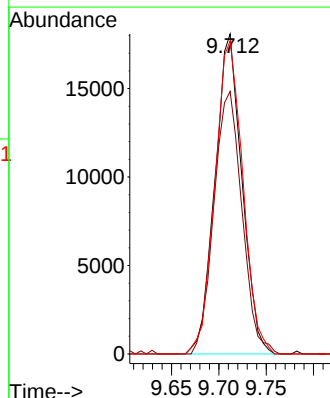
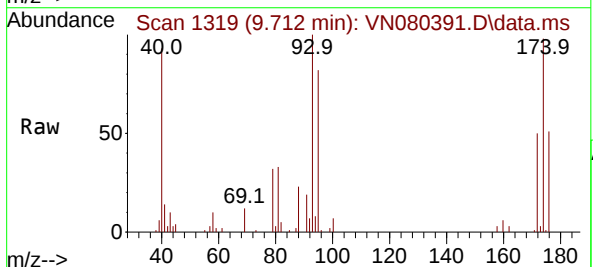
Tgt Ion: 93 Resp: 35748

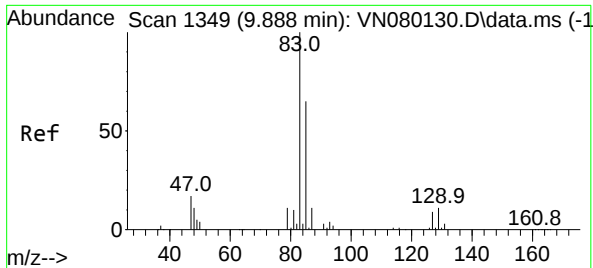
Ion Ratio Lower Upper

93 100

95 85.6 63.8 95.8

174 101.3 65.6 98.4#





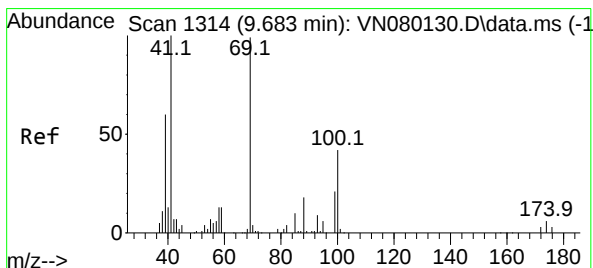
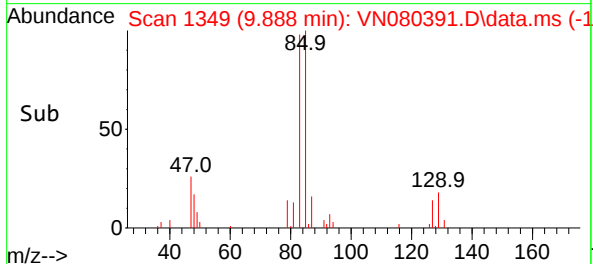
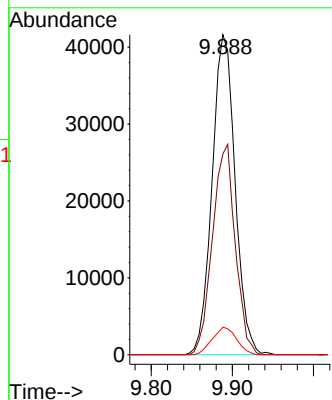
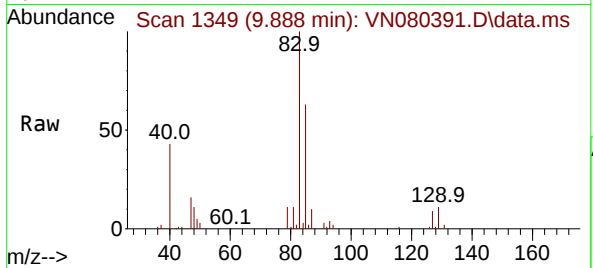
#47
Bromodichloromethane
Concen: 21.086 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion: 83 Resp: 82070
Ion Ratio Lower Upper
83 100
85 62.8 49.6 74.4
127 8.6 7.0 10.6

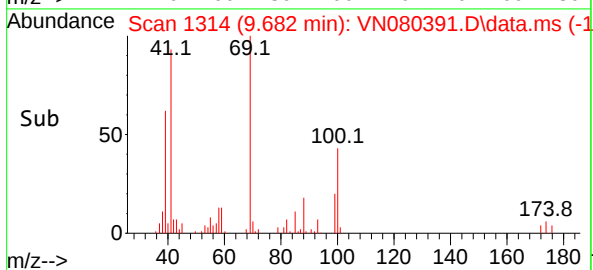
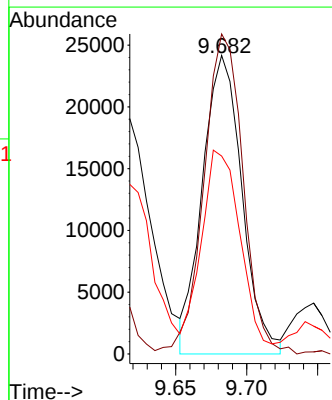
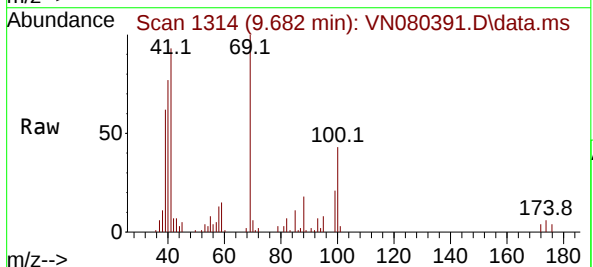
Manual Integrations
APPROVED

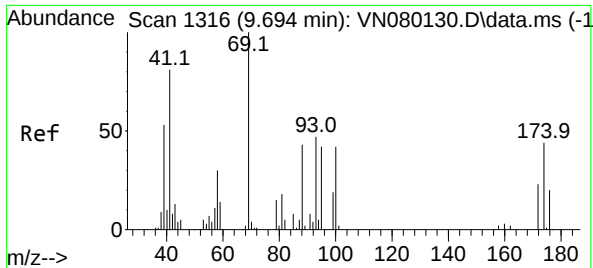
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#48
Methyl methacrylate
Concen: 19.017 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion: 41 Resp: 46820
Ion Ratio Lower Upper
41 100
69 104.6 90.4 135.6
39 67.8 54.6 81.8





#49

1,4-Dioxane

Concen: 387.572 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

Tgt Ion: 88 Resp: 15874

Ion Ratio Lower Upper

88 100

43 30.5 17.0 25.6

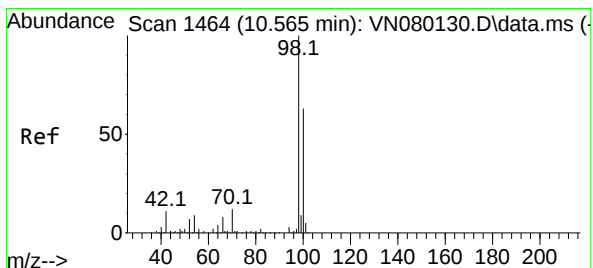
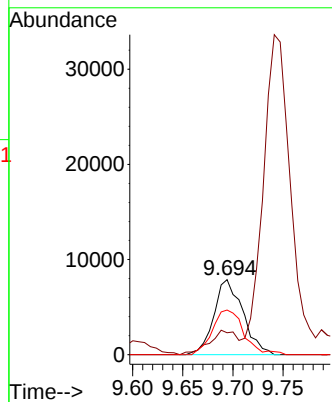
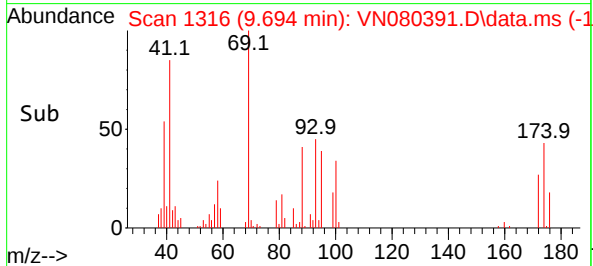
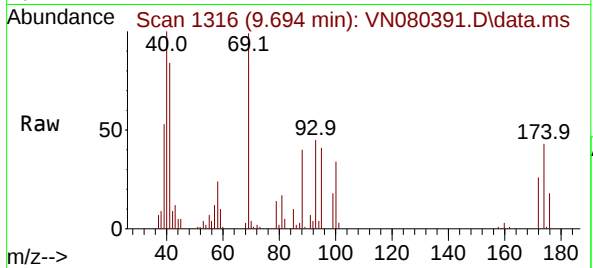
58 64.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#50

Toluene-d8

Concen: 47.472 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080391.D

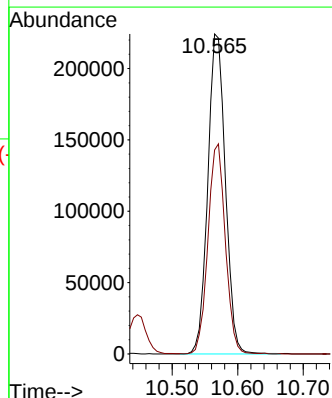
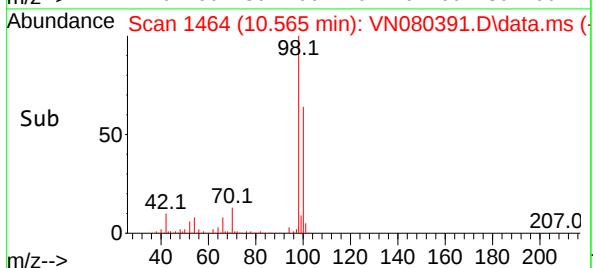
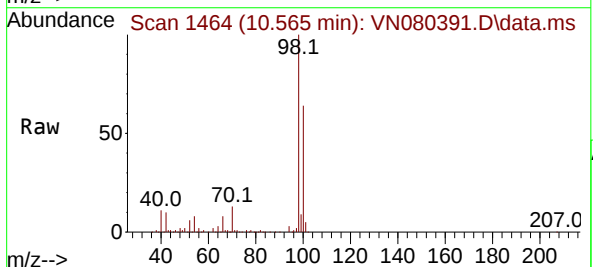
Acq: 06 Dec 2023 17:09

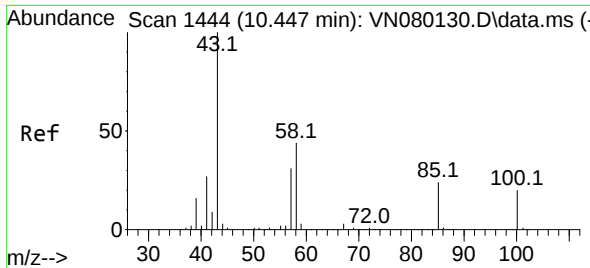
Tgt Ion: 98 Resp: 418337

Ion Ratio Lower Upper

98 100

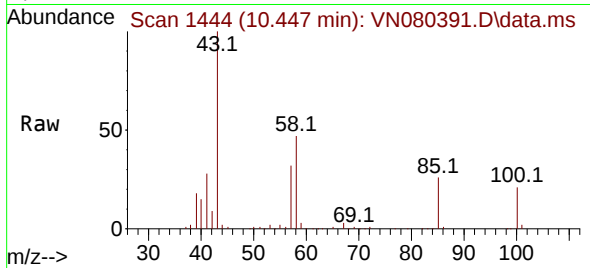
100 64.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 98.000 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

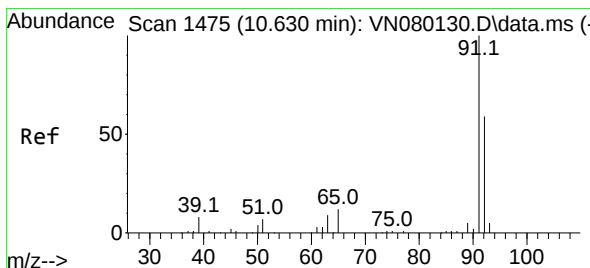
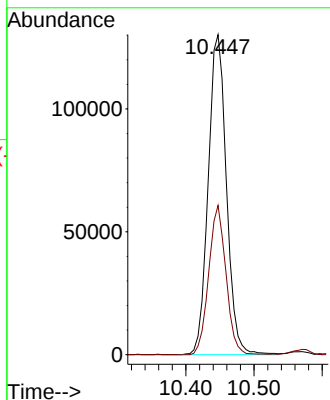
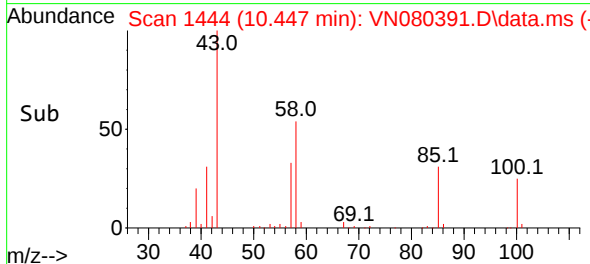
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



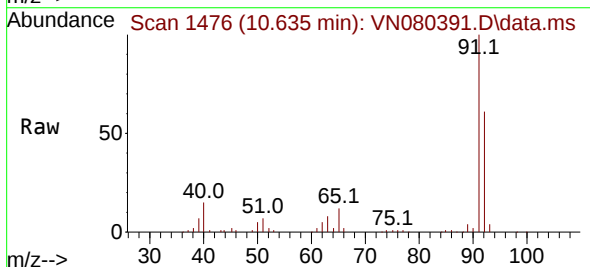
Tgt Ion: 43 Resp: 24238
Ion Ratio Lower Upper
43 100
58 44.2 36.6 54.8

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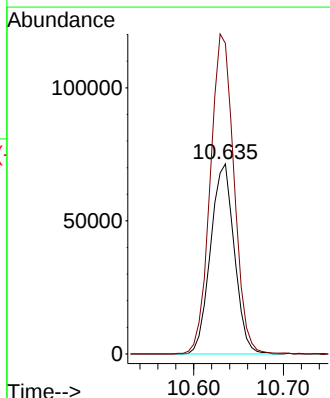
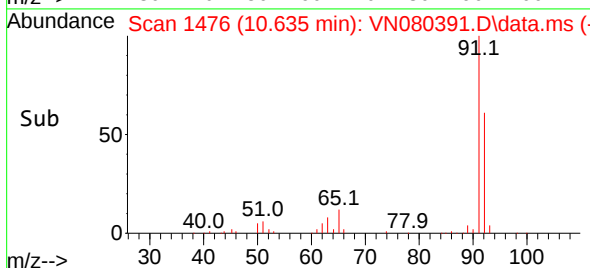
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

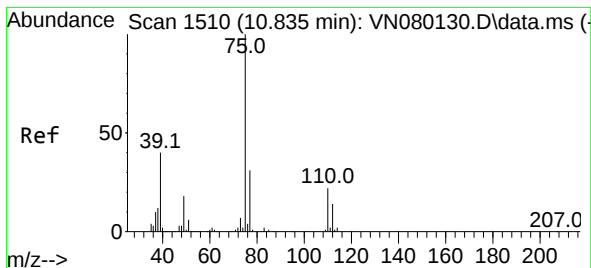


#52
Toluene
Concen: 20.856 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09



Tgt Ion: 92 Resp: 131293
Ion Ratio Lower Upper
92 100
91 168.5 137.4 206.0





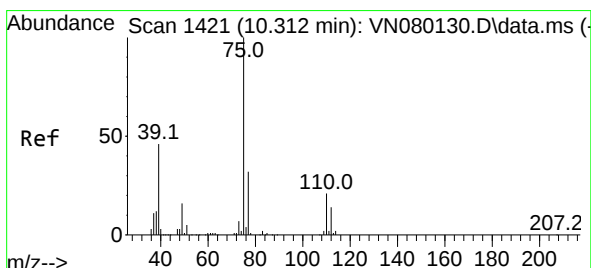
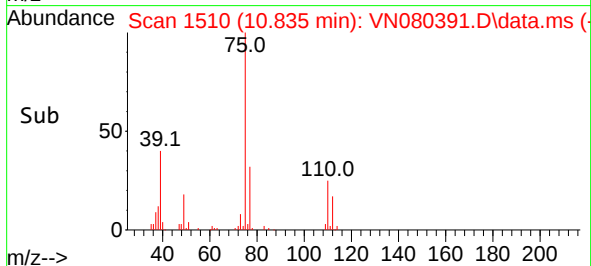
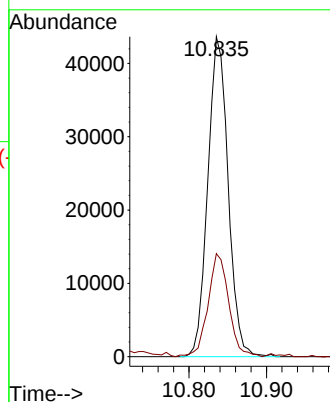
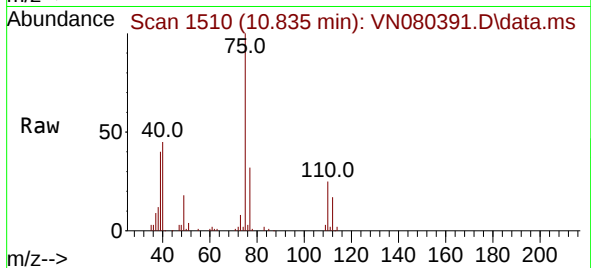
#53
t-1,3-Dichloropropene
Concen: 19.911 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBSD01

Tgt Ion: 75 Resp: 79629
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

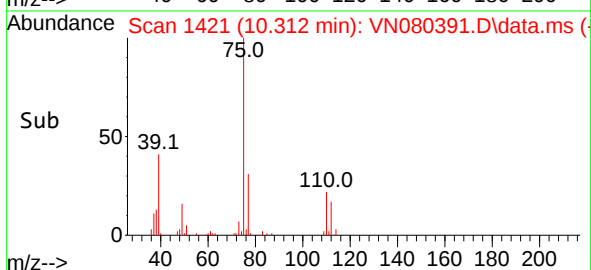
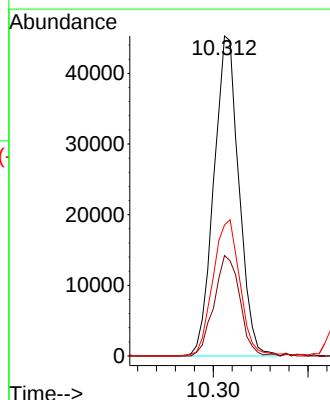
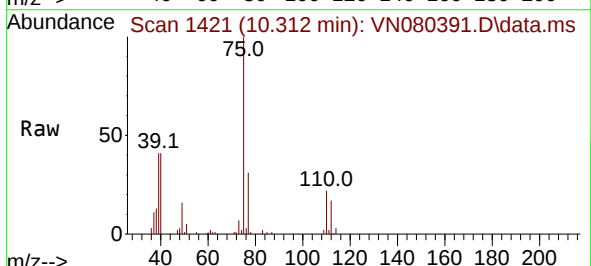
Manual Integrations
APPROVED

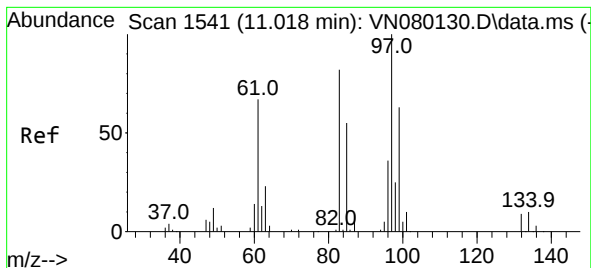
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#54
cis-1,3-Dichloropropene
Concen: 20.391 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

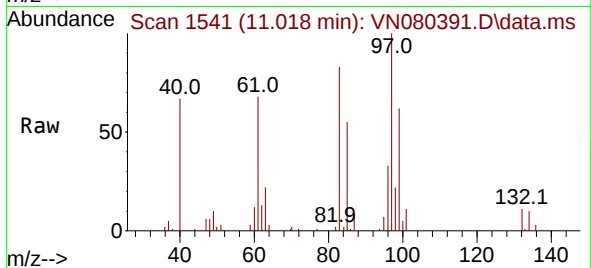
Tgt Ion: 75 Resp: 83315
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1
39 41.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.490 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

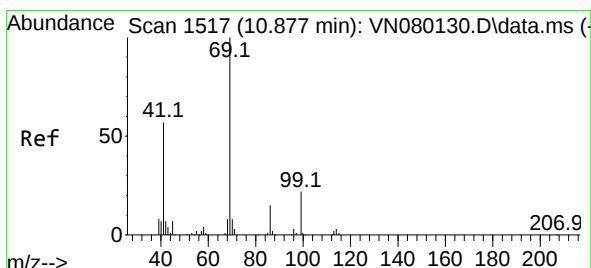
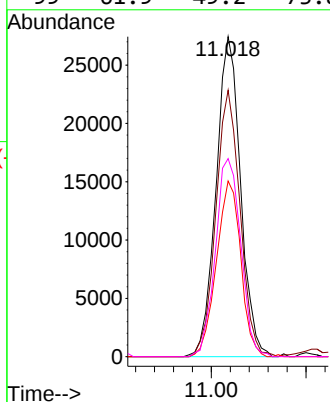
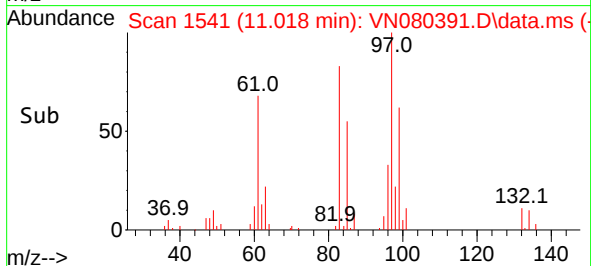
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBSD01



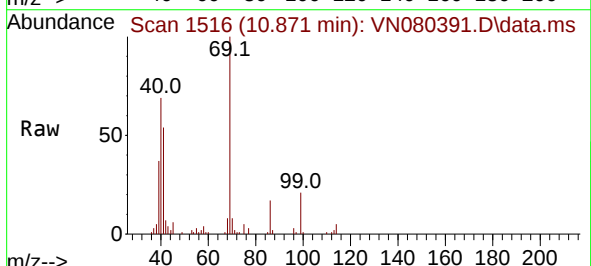
Tgt Ion: 97	Resp: 4923
Ion Ratio	Lower Upper
97 100	
83 83.3	65.1 97.7
85 54.9	43.4 65.2
99 61.9	49.2 73.8

Manual Integrations
APPROVED

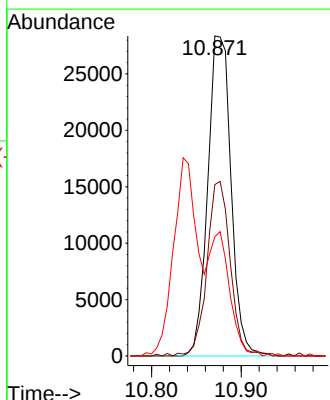
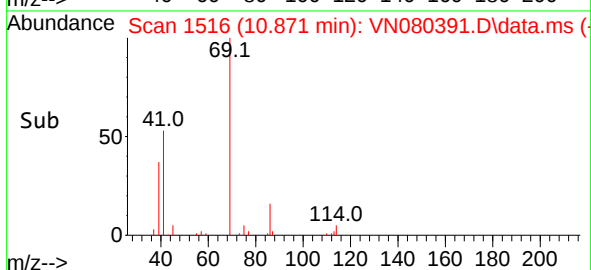
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

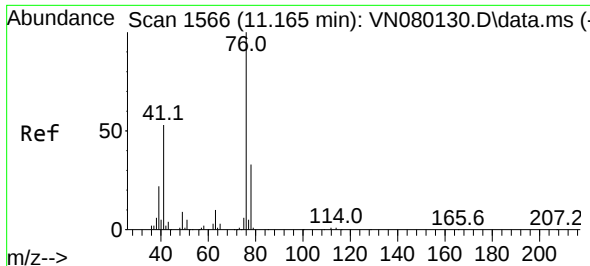


#56
Ethyl methacrylate
Concen: 20.855 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09



Tgt Ion: 69	Resp: 51190
Ion Ratio	Lower Upper
69 100	
41 54.7	39.6 59.4
39 34.3	28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.289 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

Tgt Ion: 76 Resp: 85114

Ion Ratio Lower Upper

76 100

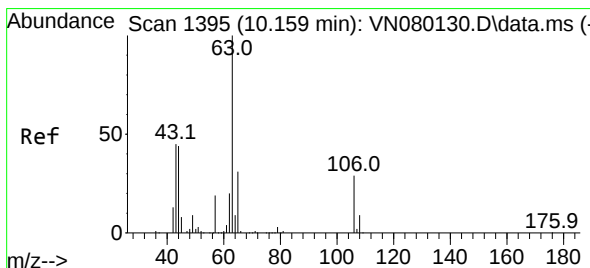
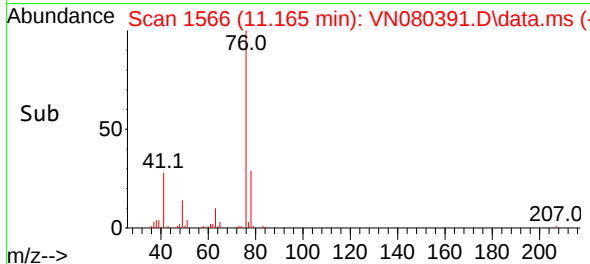
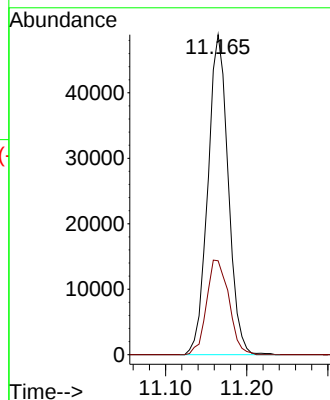
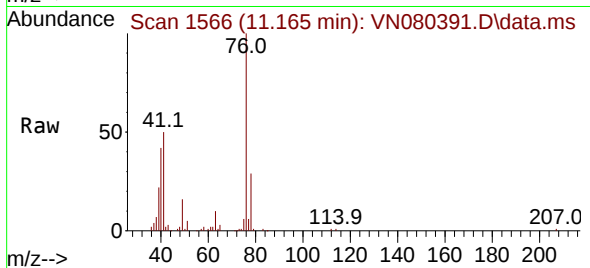
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 86.089 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080391.D

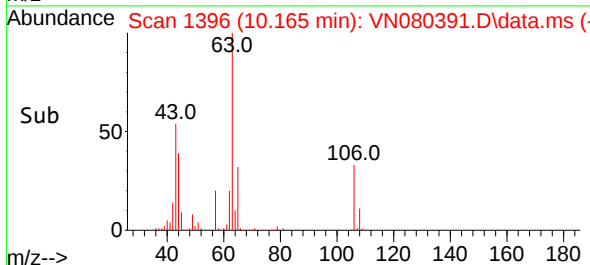
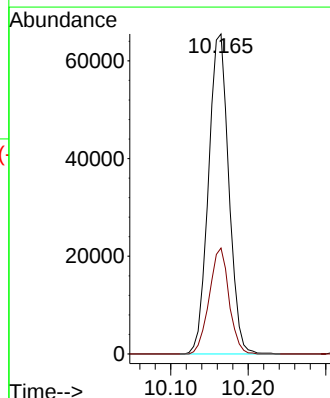
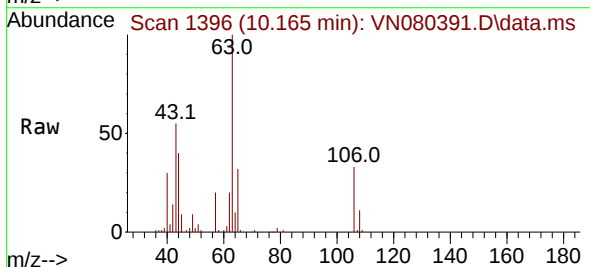
Acq: 06 Dec 2023 17:09

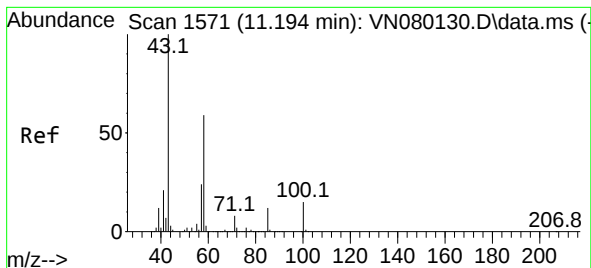
Tgt Ion: 63 Resp: 119047

Ion Ratio Lower Upper

63 100

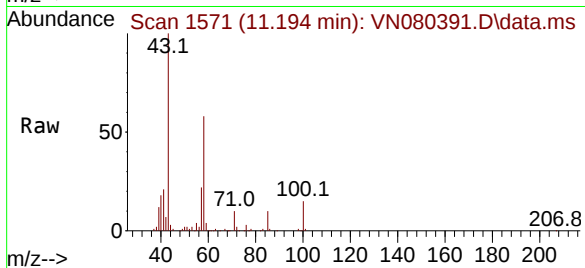
106 32.2 26.2 39.4





#59
2-Hexanone
Concen: 87.307 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

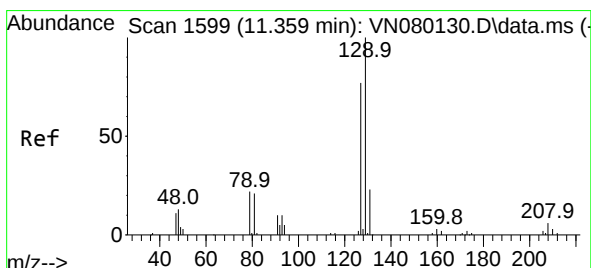
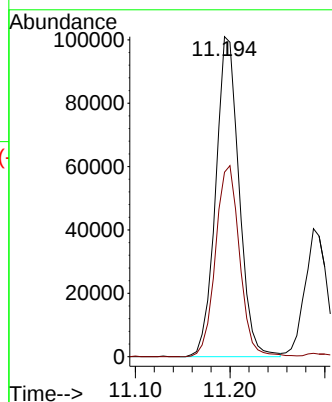
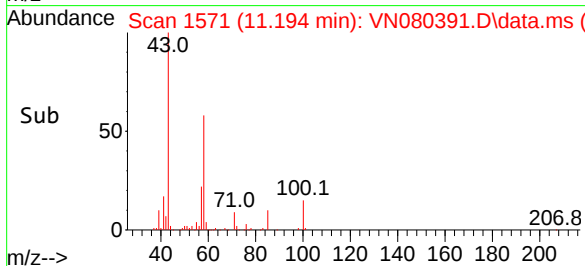
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion: 43 Resp: 17352
Ion Ratio Lower Upper
43 100
58 61.4 31.7 95.1

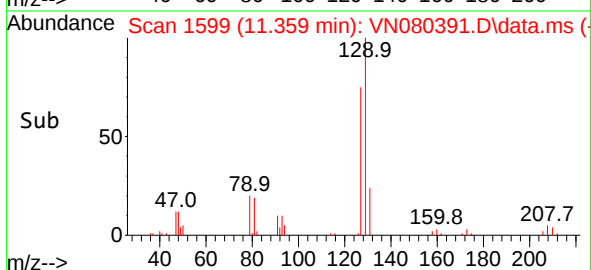
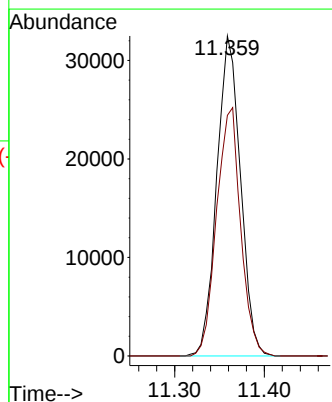
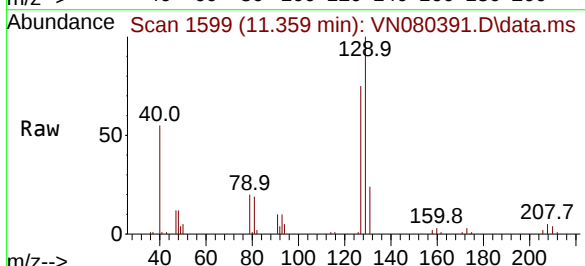
Manual Integrations
APPROVED

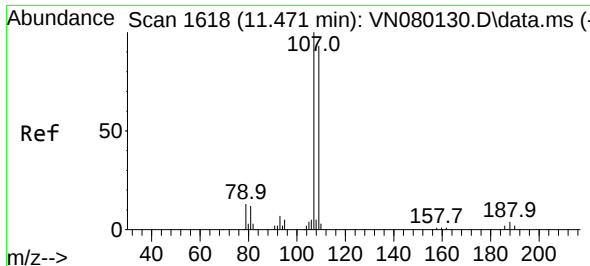
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#60
Dibromochloromethane
Concen: 20.696 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion:129 Resp: 59532
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0





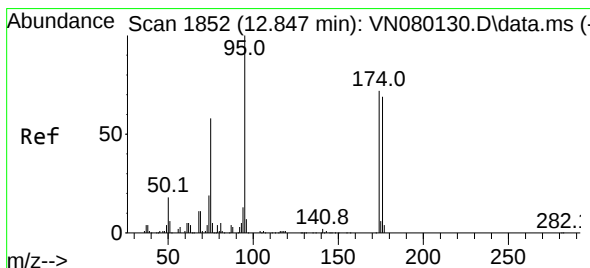
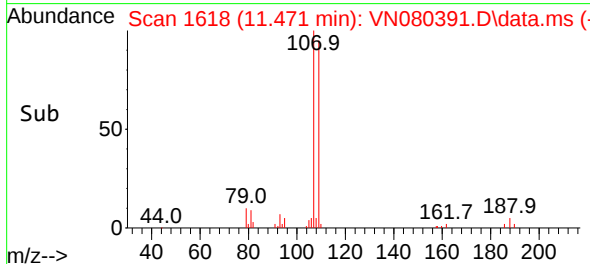
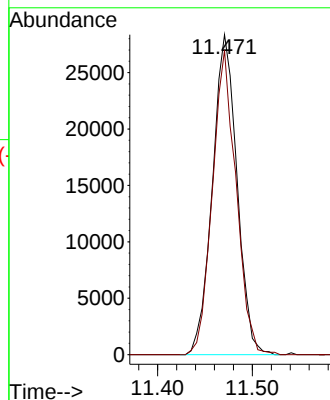
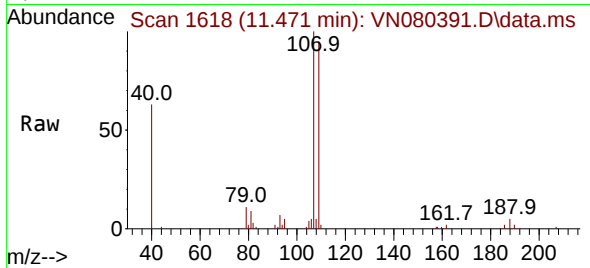
#61
1,2-Dibromoethane
Concen: 20.838 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion:107 Resp: 51078
Ion Ratio Lower Upper
107 100
109 91.9 76.6 114.8

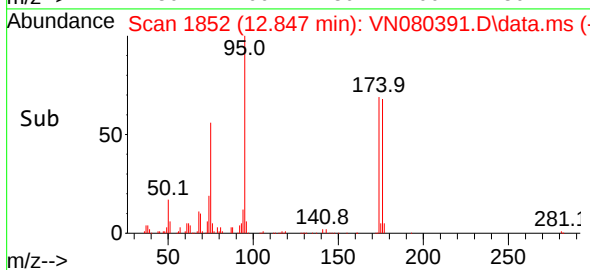
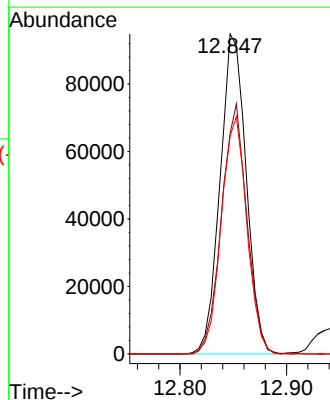
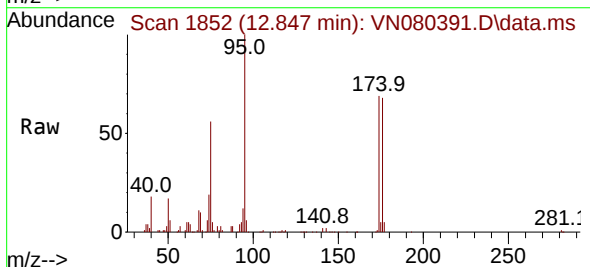
Manual Integrations
APPROVED

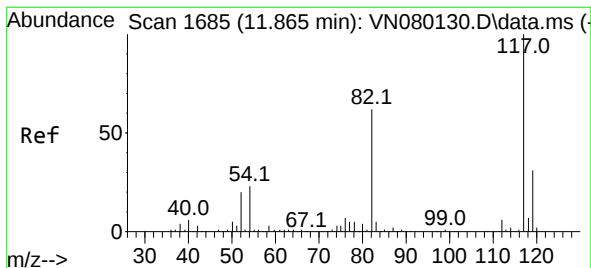
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#62
4-Bromofluorobenzene
Concen: 48.445 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion: 95 Resp: 161251
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 72.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

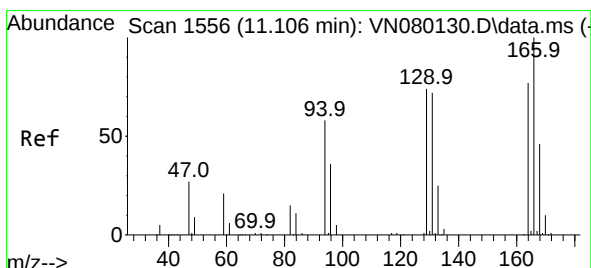
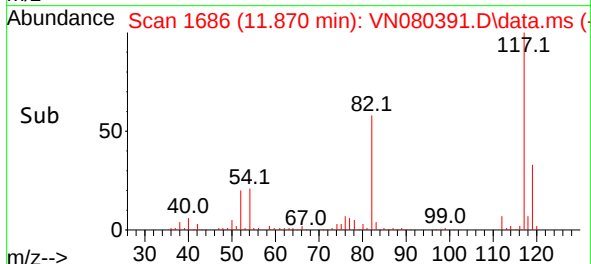
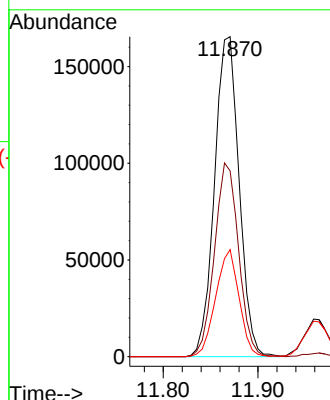
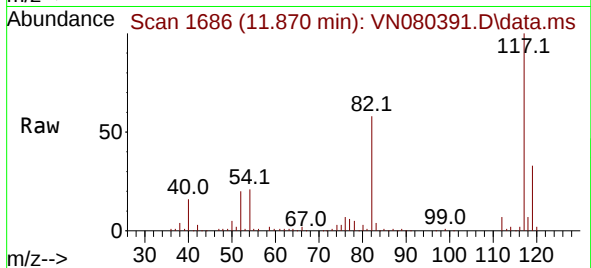
Tgt Ion:117 Resp: 298915
 Ion Ratio Lower Upper
 117 100
 82 58.0 44.0 66.0
 119 33.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#64

Tetrachloroethene

Concen: 18.896 ug/l

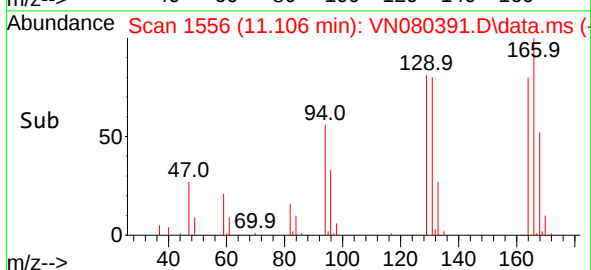
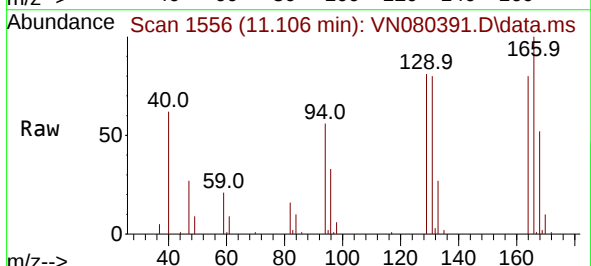
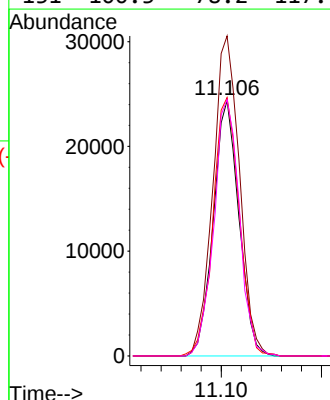
RT: 11.106 min Scan# 1556

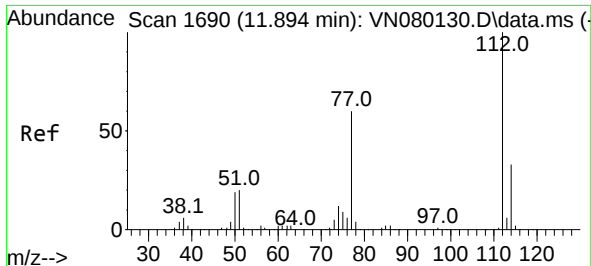
Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Tgt Ion:164 Resp: 43105
 Ion Ratio Lower Upper
 164 100
 166 125.2 101.4 152.0
 129 101.1 82.4 123.6
 131 100.3 78.2 117.4





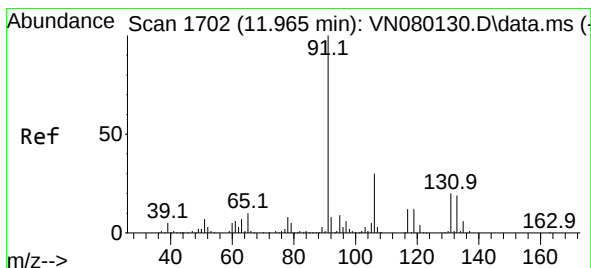
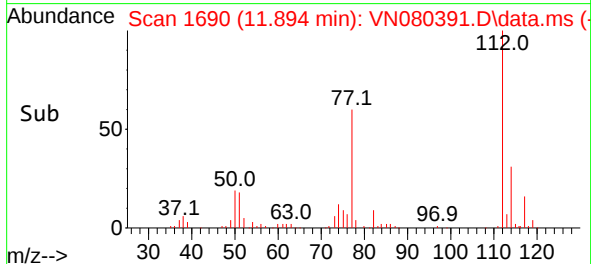
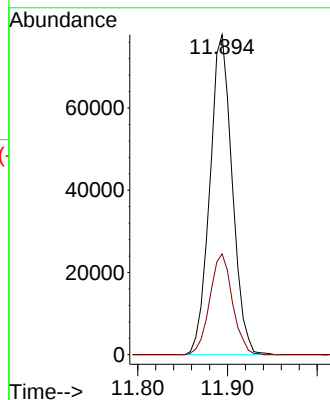
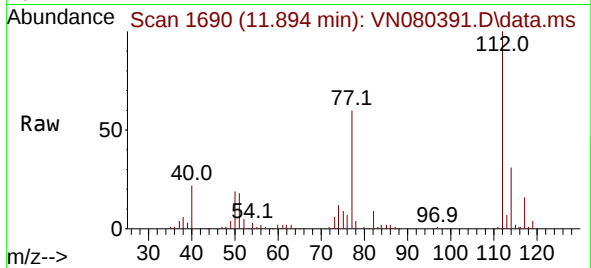
#65
Chlorobenzene
Concen: 19.891 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion:112 Resp: 13472
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4

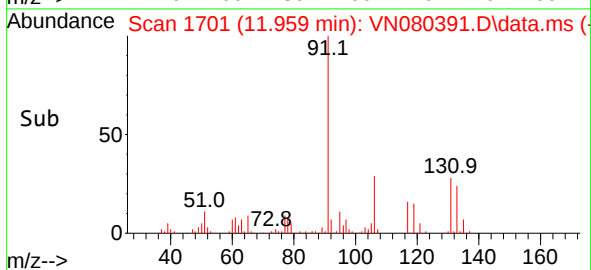
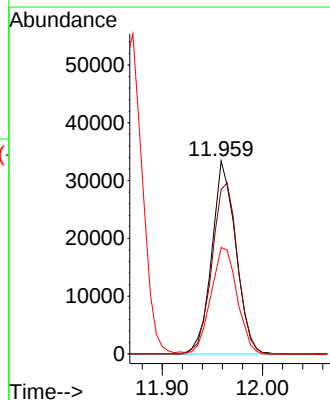
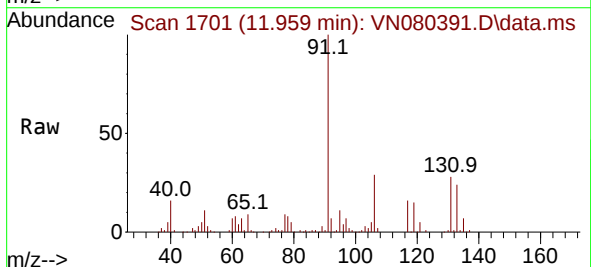
Manual Integrations
APPROVED

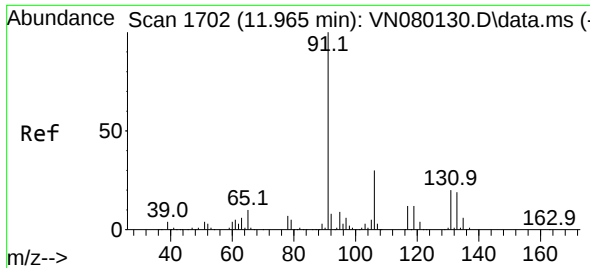
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.124 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion:131 Resp: 55523
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 60.0 34.1 102.2





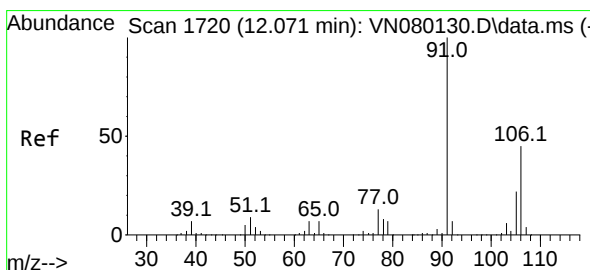
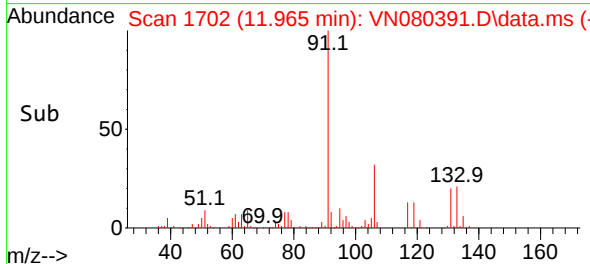
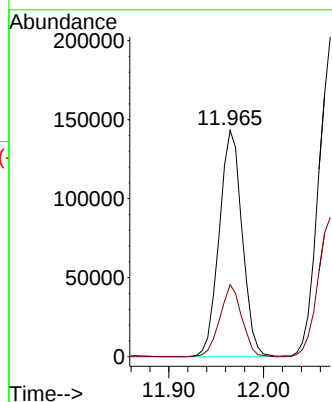
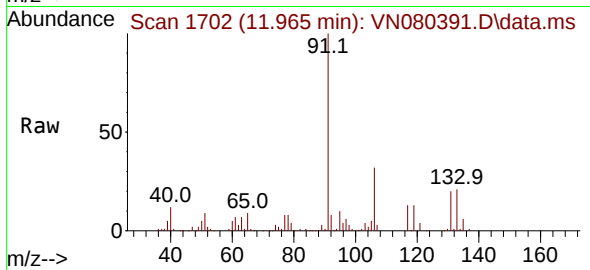
#67
Ethyl Benzene
Concen: 20.059 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBSD01

Tgt Ion: 91 Resp: 241759
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

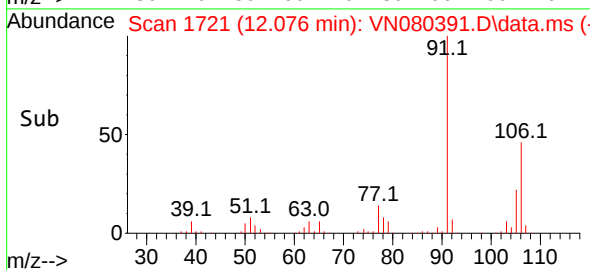
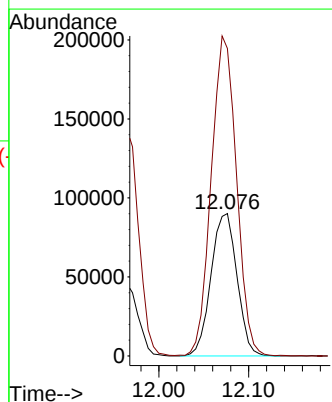
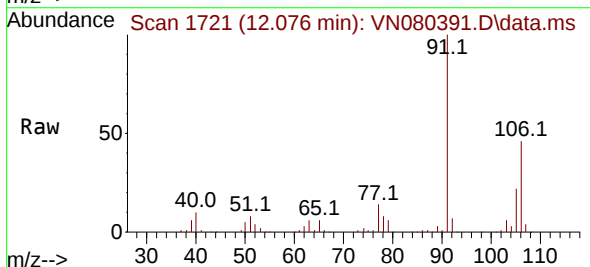
Manual Integrations
APPROVED

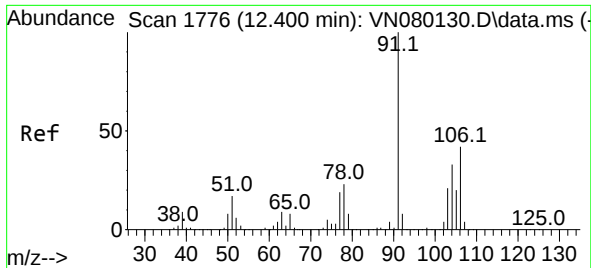
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#68
m/p-Xylenes
Concen: 41.228 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion:106 Resp: 181173
Ion Ratio Lower Upper
106 100
91 218.9 159.6 239.4





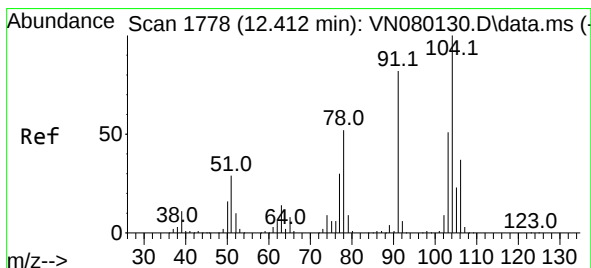
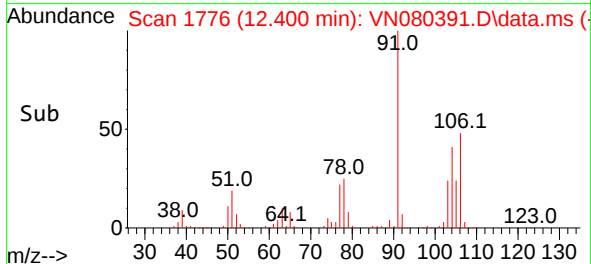
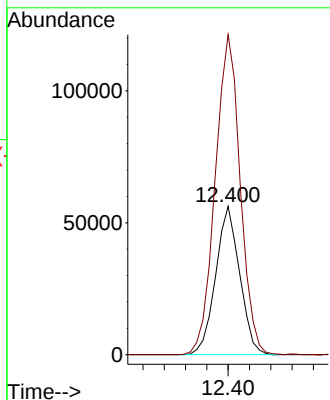
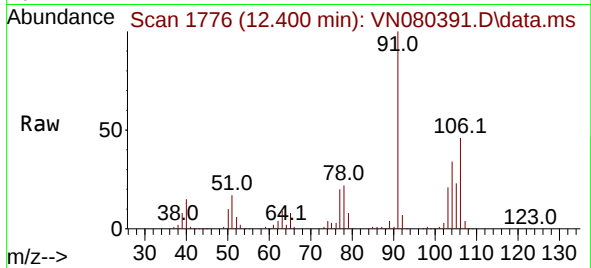
#69
o-Xylene
Concen: 21.184 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion:106 Resp: 8773
Ion Ratio Lower Upper
106 100
91 225.0 105.2 315.5

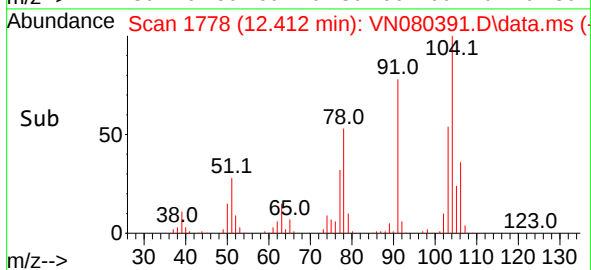
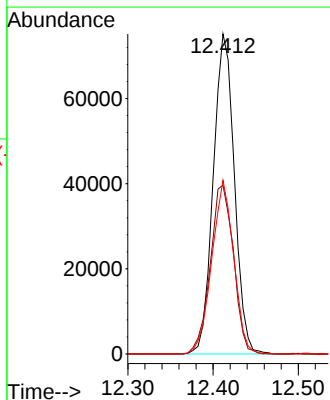
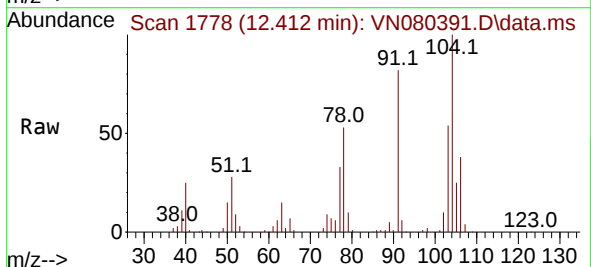
Manual Integrations
APPROVED

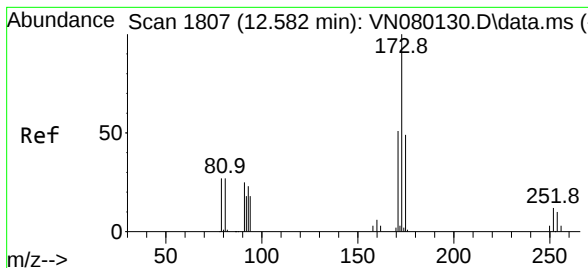
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#70
Styrene
Concen: 20.981 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion:104 Resp: 129328
Ion Ratio Lower Upper
104 100
78 58.1 39.5 59.3
103 56.3 43.2 64.8





#71

Bromoform

Concen: 21.395 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

Tgt Ion:173 Resp: 4170

Ion Ratio Lower Upper

173 100

175 49.6 24.3 73.0

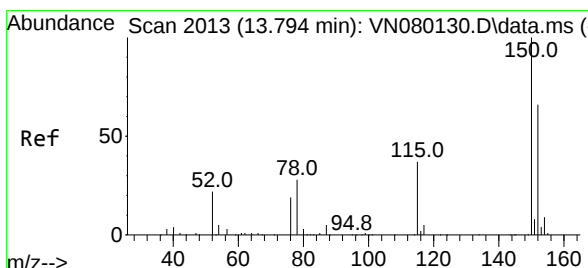
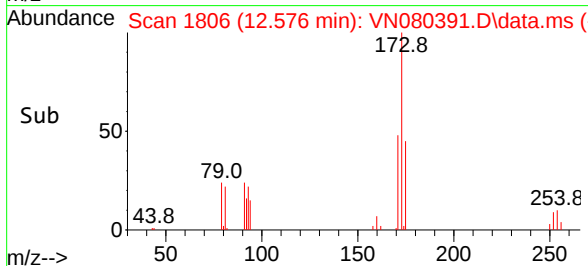
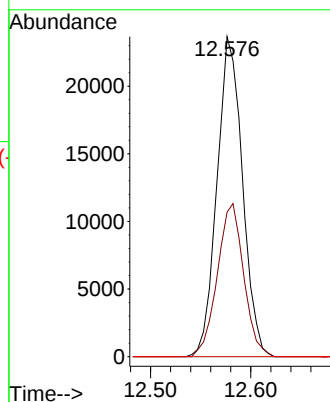
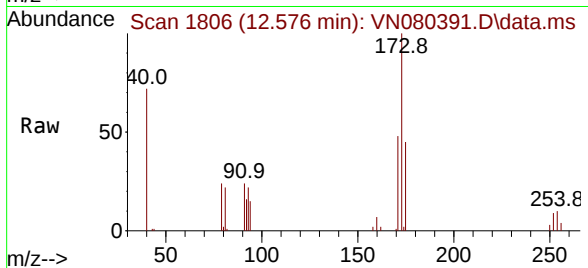
254 0.0 0.0 0.0

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: VN080391.D

Acq: 06 Dec 2023 17:09

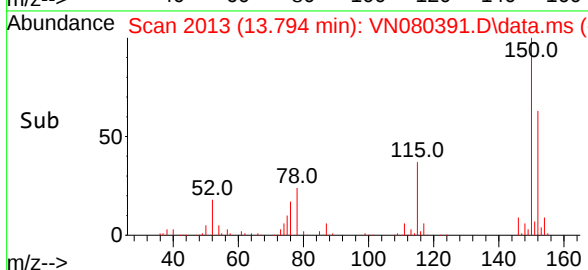
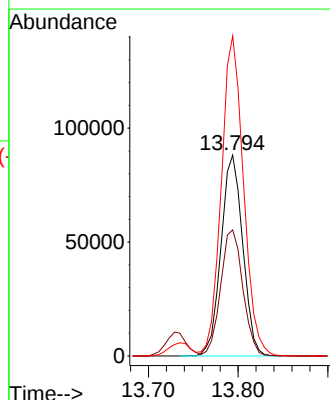
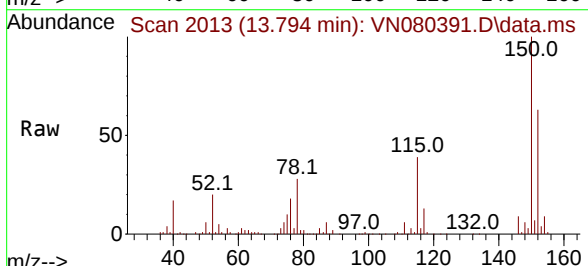
Tgt Ion:152 Resp: 147880

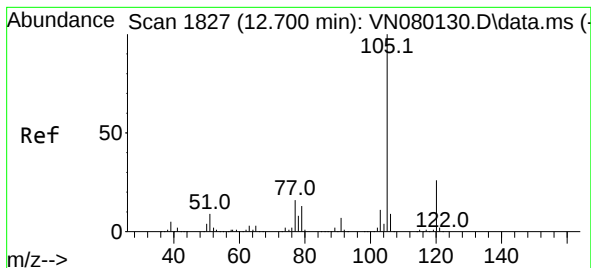
Ion Ratio Lower Upper

152 100

115 64.3 32.3 96.8

150 163.0 0.0 355.8





#73

Isopropylbenzene

Concen: 19.979 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBSD01

Tgt Ion:105 Resp: 229580

Ion Ratio Lower Upper

105 100

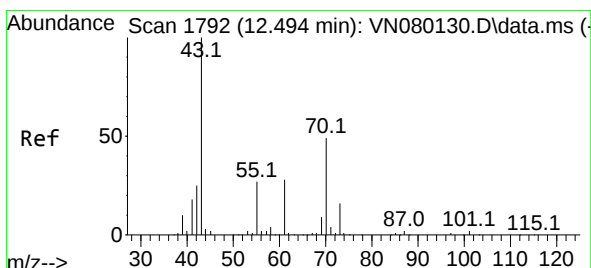
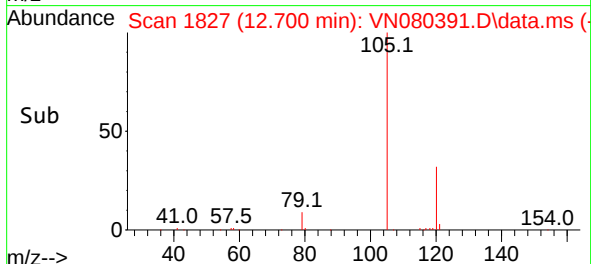
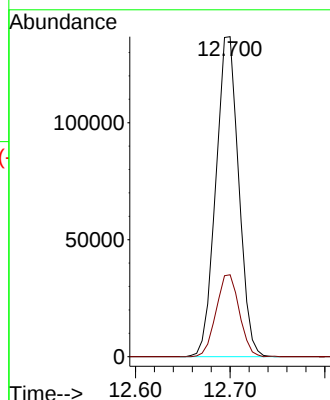
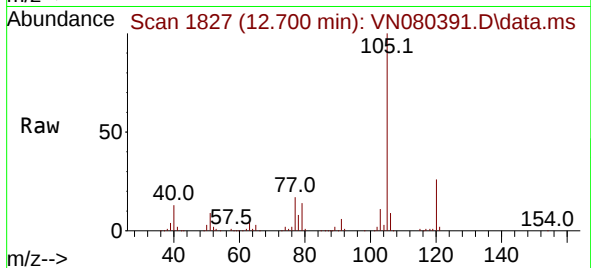
120 26.0 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#74

N-ethyl acetate

Concen: 17.694 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Tgt Ion: 43 Resp: 63406

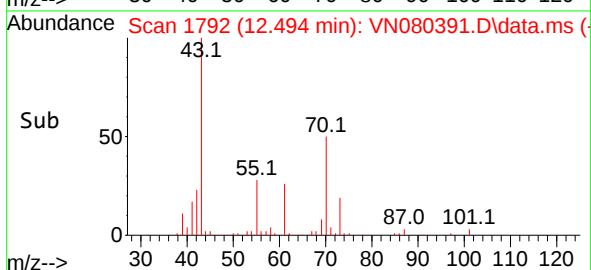
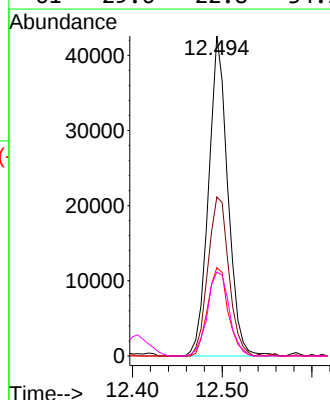
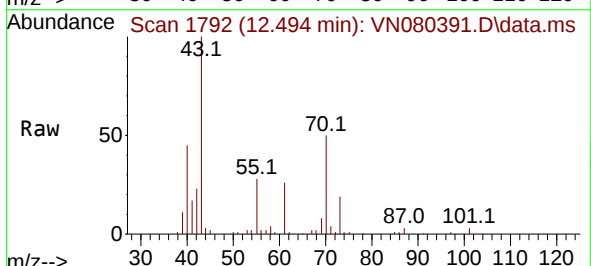
Ion Ratio Lower Upper

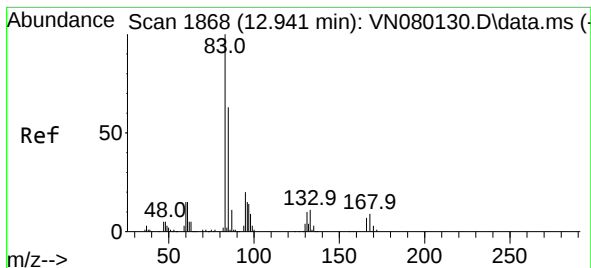
43 100

70 54.1 43.4 65.2

55 29.3 21.4 32.0

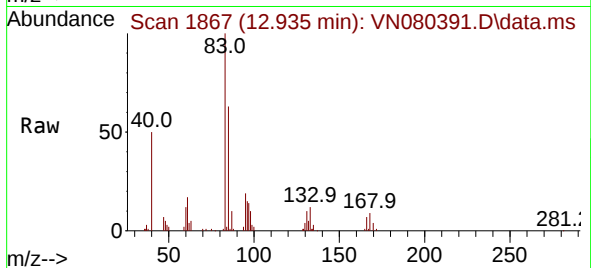
61 29.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.941 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

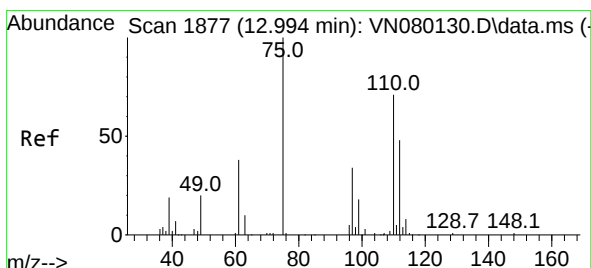
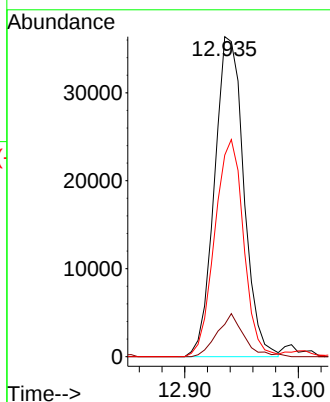
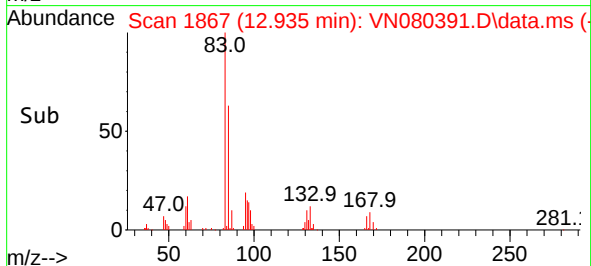
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion: 83 Resp: 65144
Ion Ratio Lower Upper
83 100
131 12.3 5.0 15.0
85 66.8 31.9 95.7

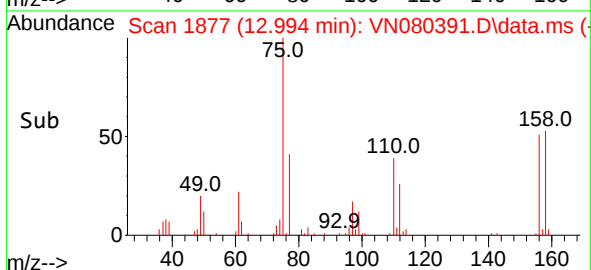
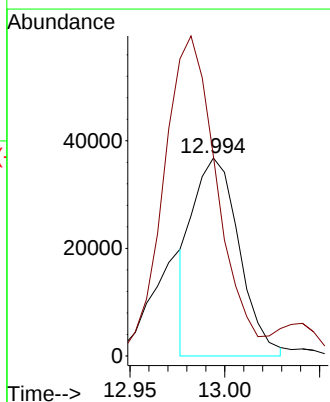
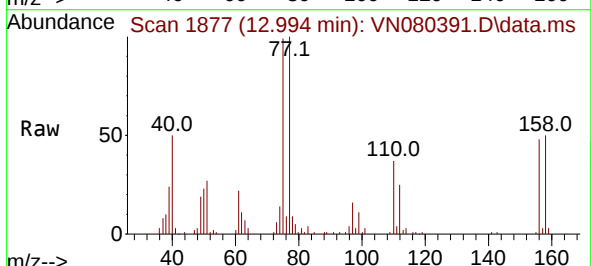
Manual Integrations
APPROVED

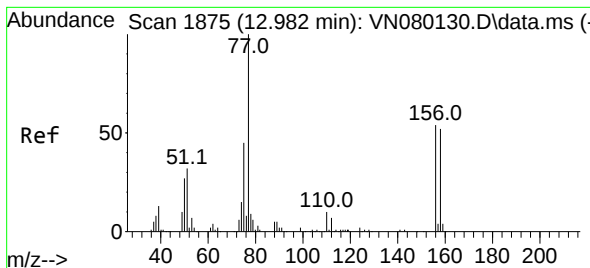
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#76
1,2,3-Trichloropropane
Concen: 17.261 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion: 75 Resp: 62543
Ion Ratio Lower Upper
75 100
77 189.0 84.5 253.5





#77

Bromobenzene

Concen: 20.119 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

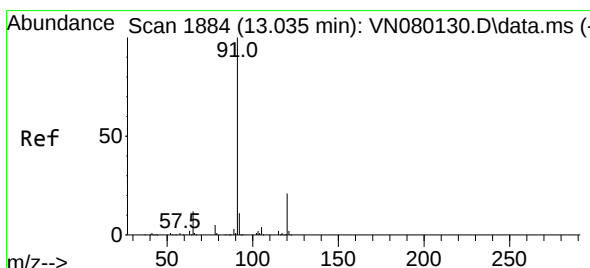
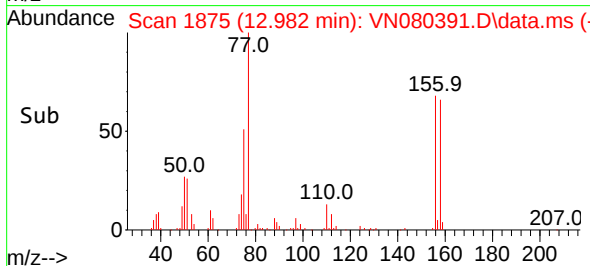
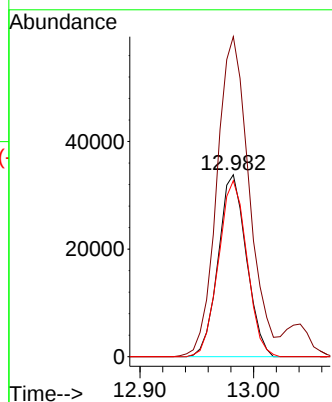
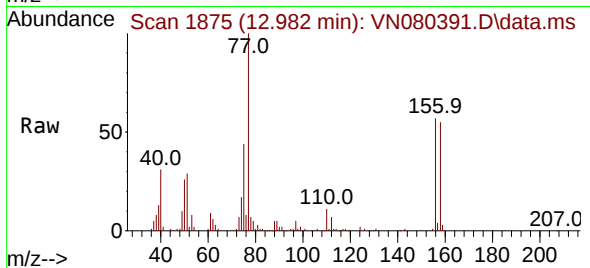
Tgt Ion:	156	Resp:	58290
Ion Ratio	Lower	Upper	
156	100		
77	202.8	107.7	323.3
158	97.5	48.4	145.3

Manual Integrations

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Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#78

n-propylbenzene

Concen: 19.505 ug/l

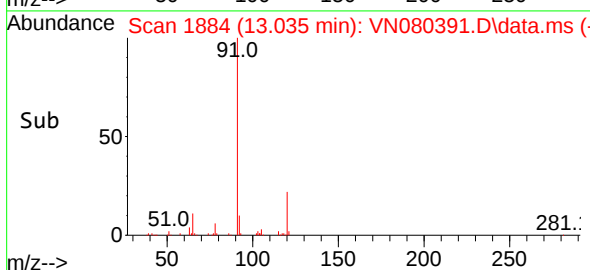
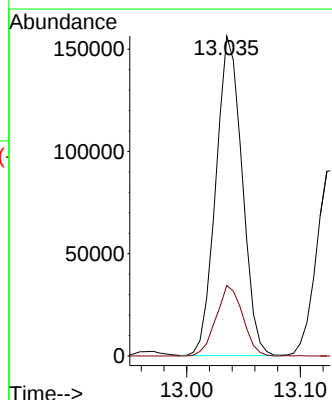
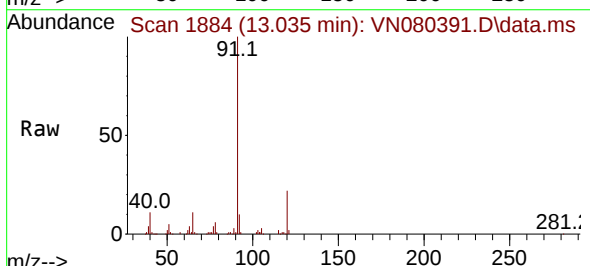
RT: 13.035 min Scan# 1884

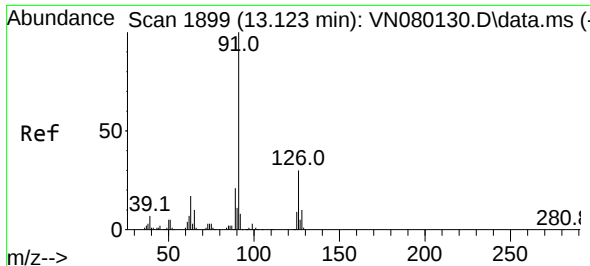
Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Tgt Ion:	91	Resp:	250635
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4





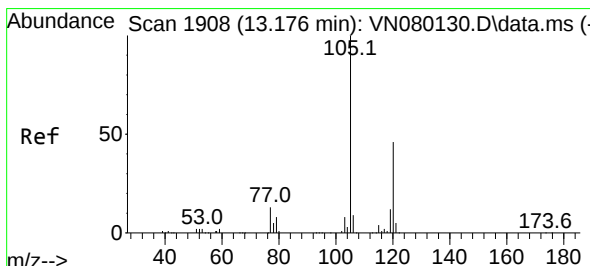
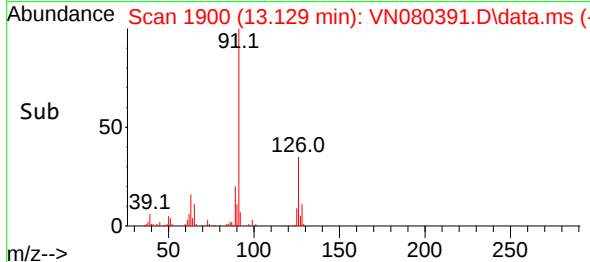
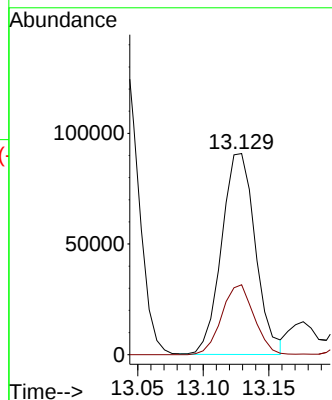
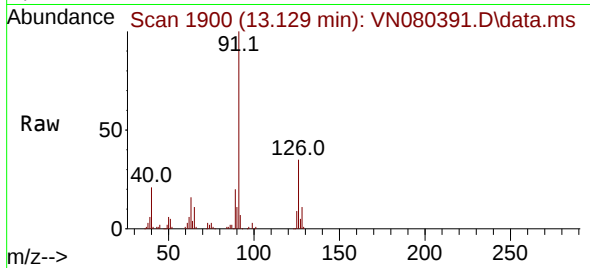
#79
2-Chlorotoluene
Concen: 19.517 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion: 91 Resp: 16288
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

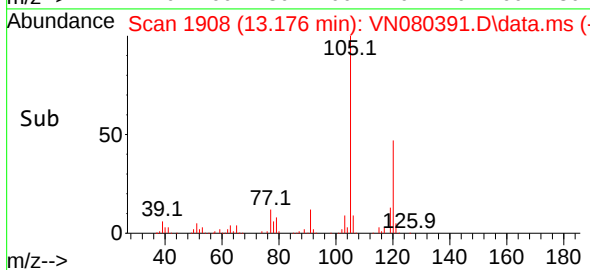
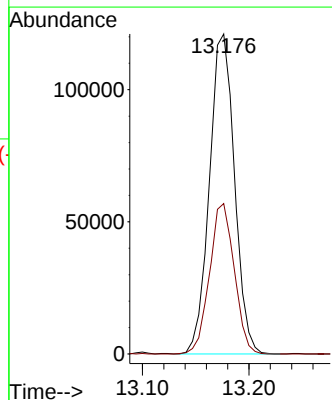
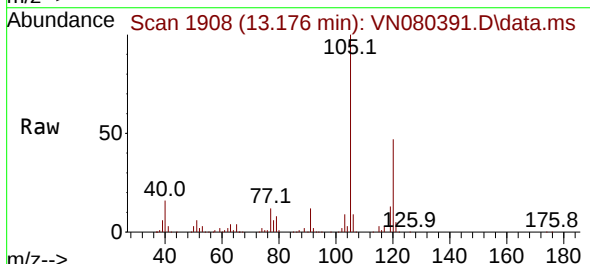
Manual Integrations
APPROVED

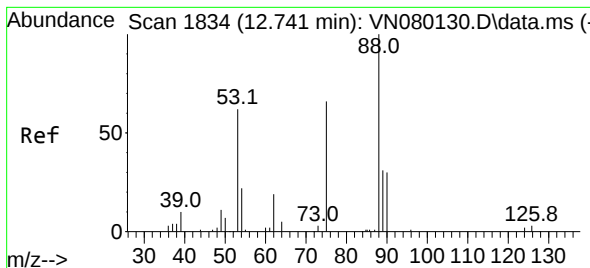
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.766 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

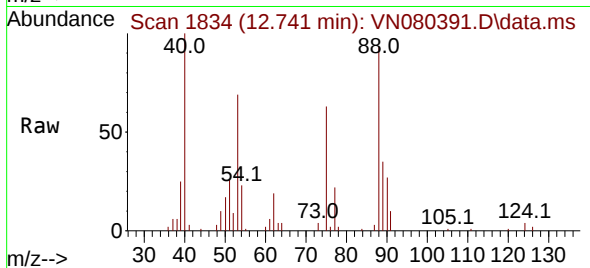
Tgt Ion:105 Resp: 197723
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.567 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

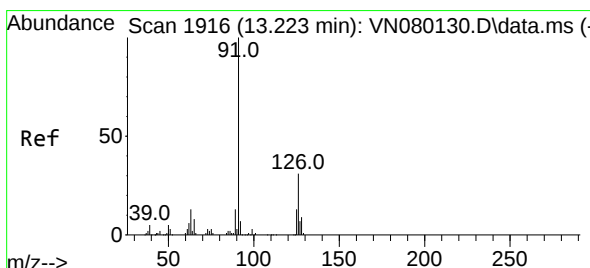
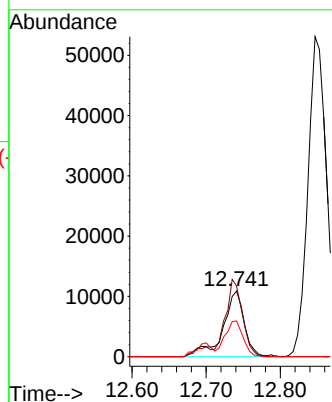
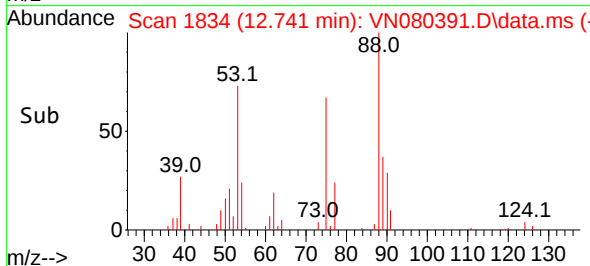
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBSD01



Tgt Ion: 75 Resp: 2205
Ion Ratio Lower Upper
75 100
53 102.8 67.4 101.2
89 45.6 38.8 58.2

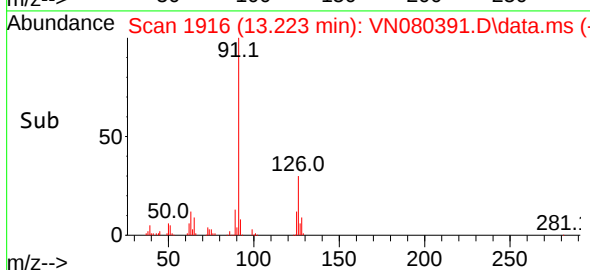
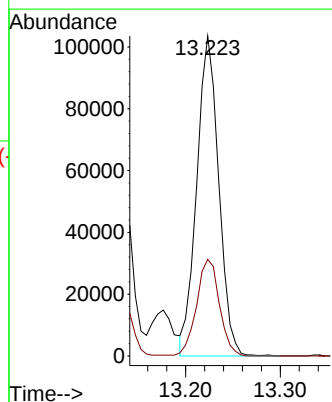
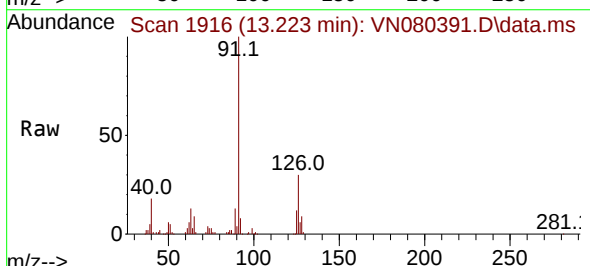
Manual Integrations
APPROVED

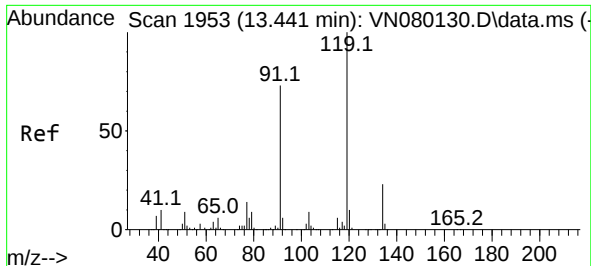
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#82
4-Chlorotoluene
Concen: 19.507 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion: 91 Resp: 166788
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0





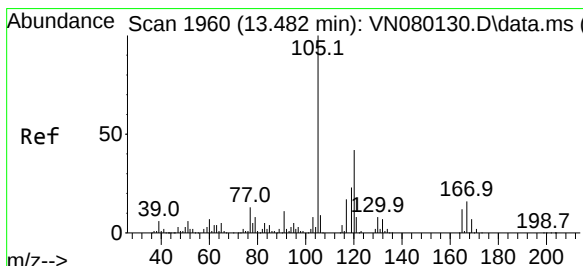
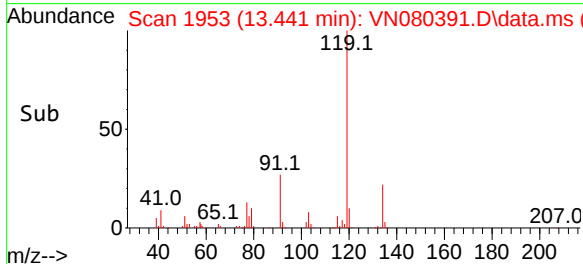
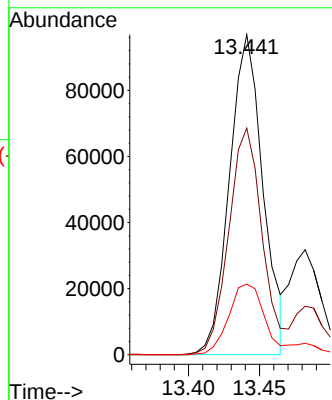
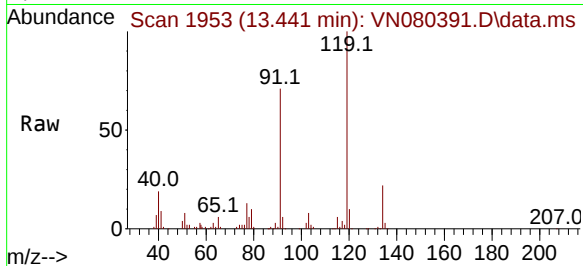
#83
tert-Butylbenzene
Concen: 19.799 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion:119 Resp: 15882
Ion Ratio Lower Upper
119 100
91 71.7 33.9 101.7
134 23.7 13.2 39.6

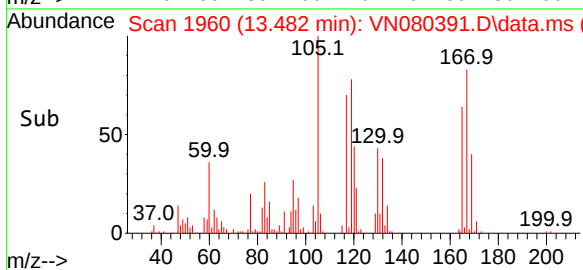
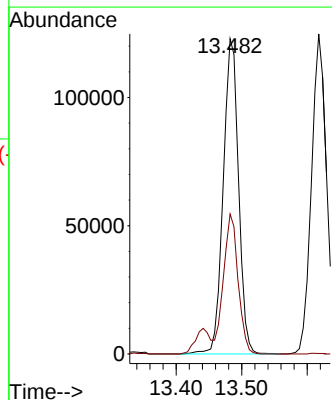
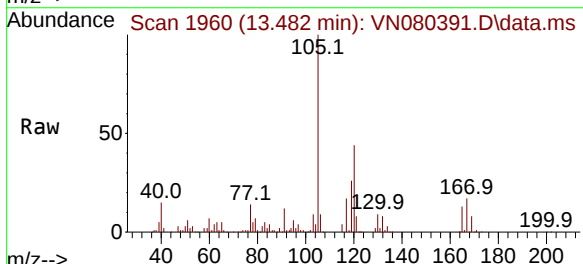
Manual Integrations
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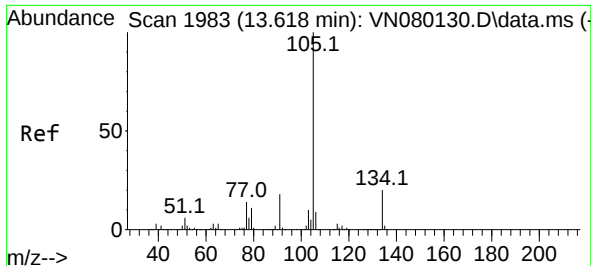
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.171 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion:105 Resp: 198687
Ion Ratio Lower Upper
105 100
120 42.9 22.0 66.0





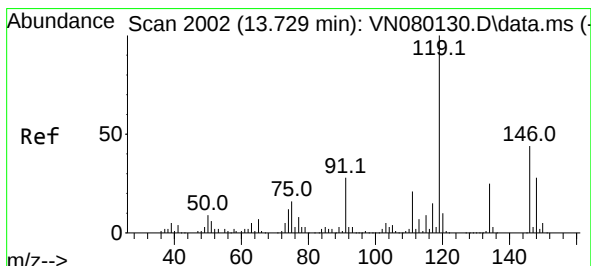
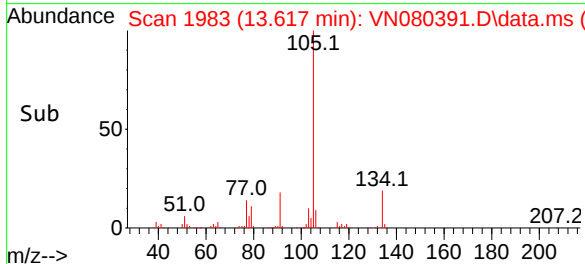
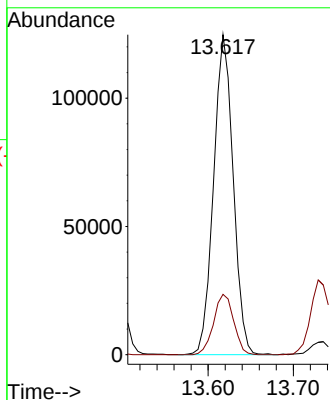
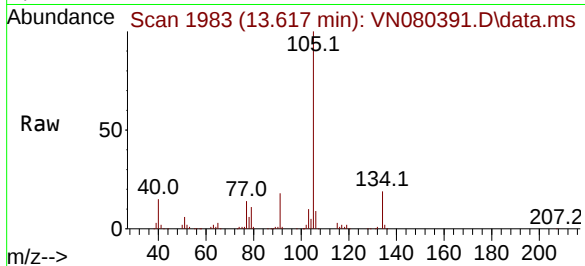
#85
 sec-Butylbenzene
 Concen: 19.593 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080391.D
 Acq: 06 Dec 2023 17:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206MBSD01

Tgt Ion:105 Resp: 198829
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

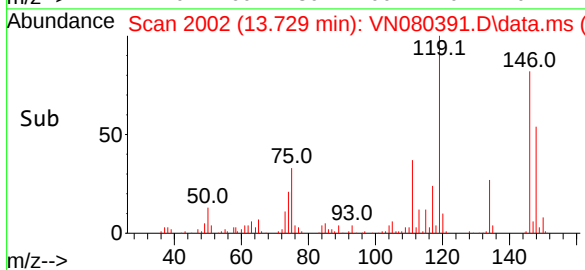
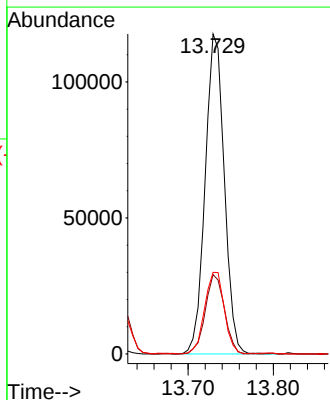
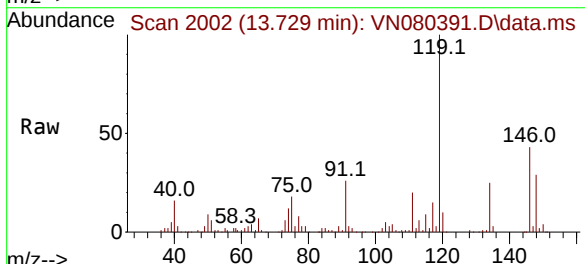
Manual Integrations
 APPROVED

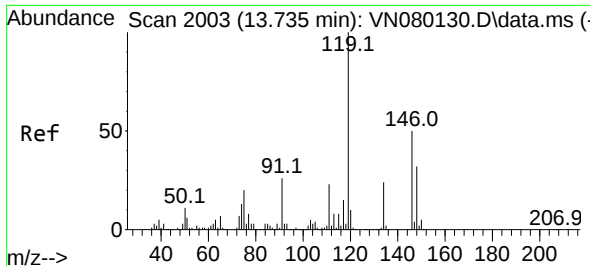
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023



#86
 p-Isopropyltoluene
 Concen: 20.229 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080391.D
 Acq: 06 Dec 2023 17:09

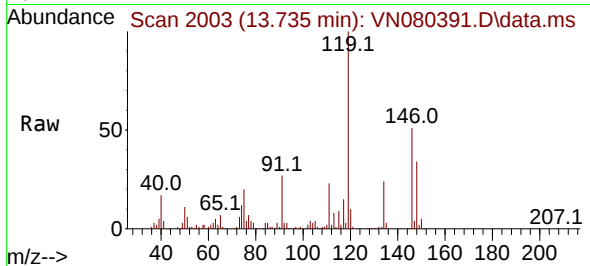
Tgt Ion:119 Resp: 183378
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 26.2 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 18.422 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080391.D
 Acq: 06 Dec 2023 17:09

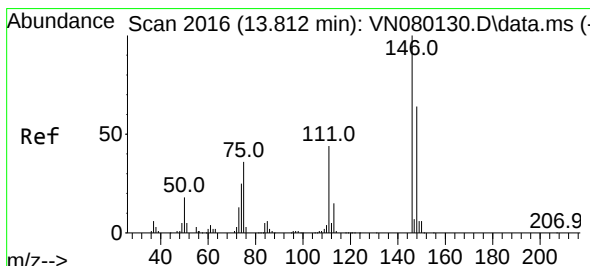
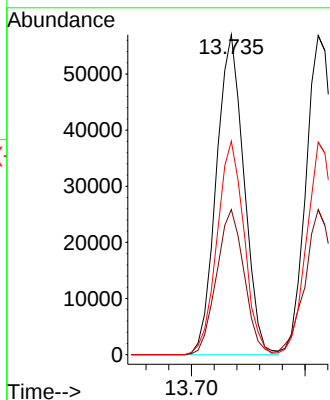
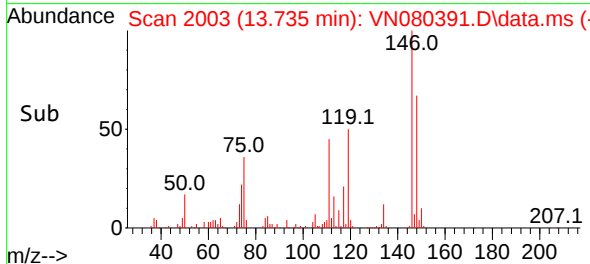
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206MBS01



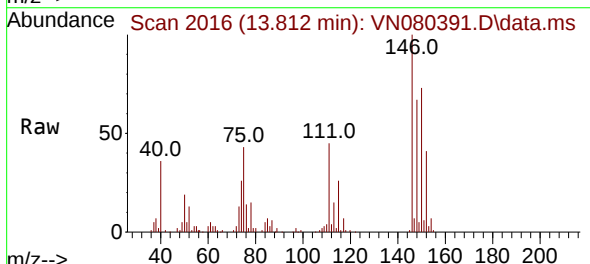
Tgt Ion:146 Resp: 9615
 Ion Ratio Lower Upper
 146 100
 111 45.3 22.1 66.3
 148 65.5 32.0 96.0

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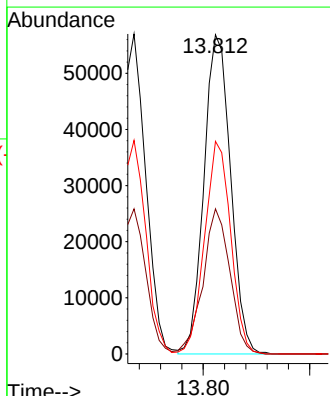
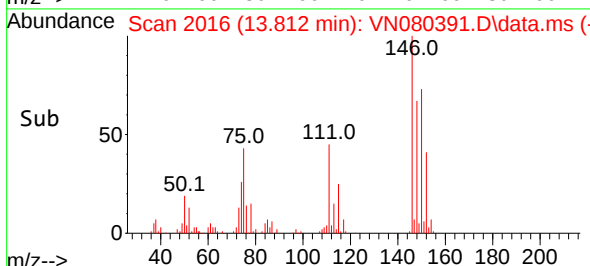
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023

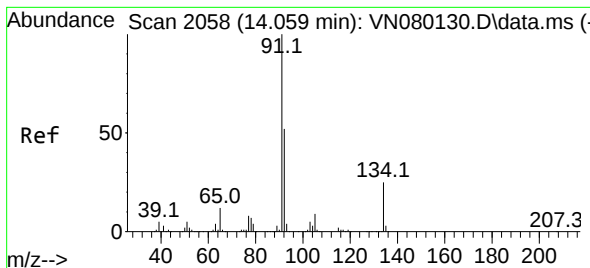


#88
 1,4-Dichlorobenzene
 Concen: 18.848 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN080391.D
 Acq: 06 Dec 2023 17:09



Tgt Ion:146 Resp: 98870
 Ion Ratio Lower Upper
 146 100
 111 45.9 20.6 61.8
 148 65.3 31.6 94.8





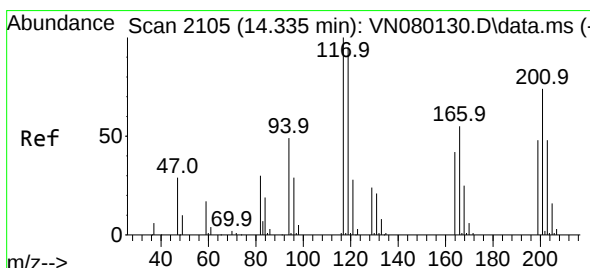
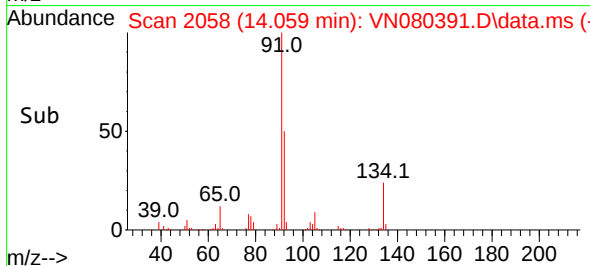
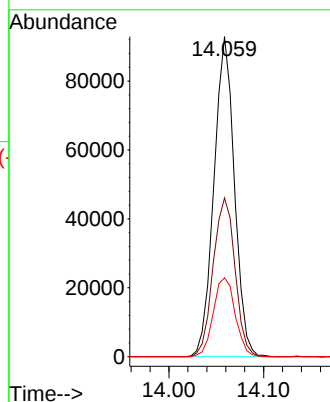
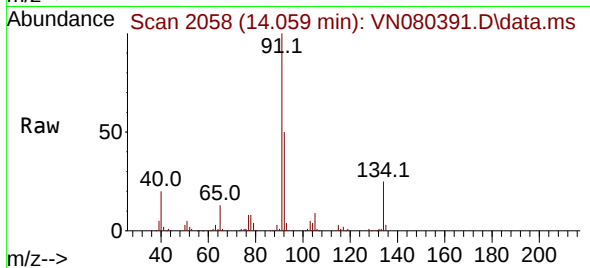
#89
n-Butylbenzene
Concen: 18.388 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBSD01

Tgt Ion: 91 Resp: 139519
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 26.4 12.6 37.6

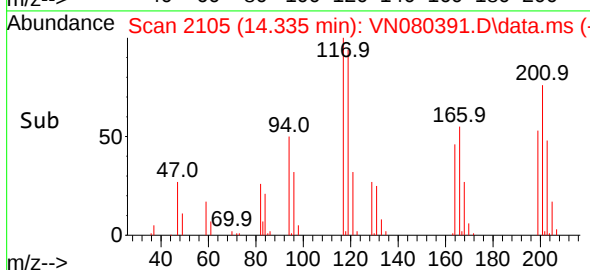
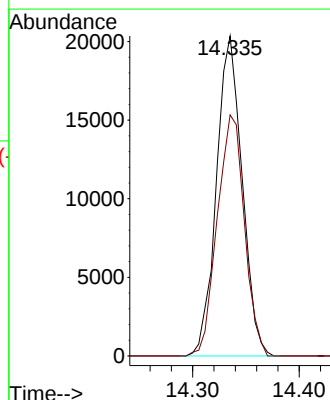
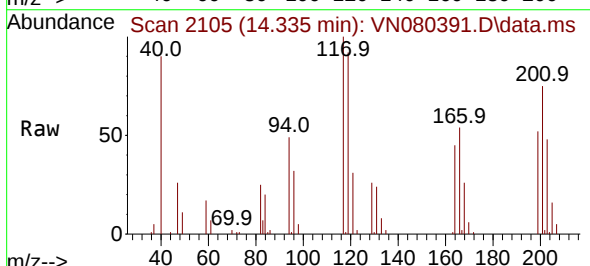
Manual Integrations
APPROVED

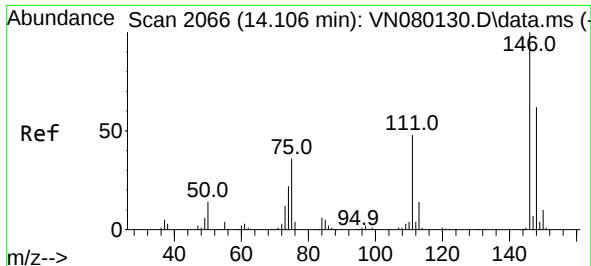
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#90
Hexachloroethane
Concen: 19.291 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

Tgt Ion:117 Resp: 34093
Ion Ratio Lower Upper
117 100
201 79.5 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 19.249 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

Tgt Ion:146 Resp: 96149

Ion Ratio Lower Upper

146 100

111 46.8 22.0 66.0

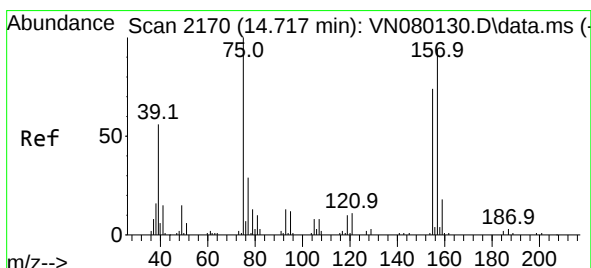
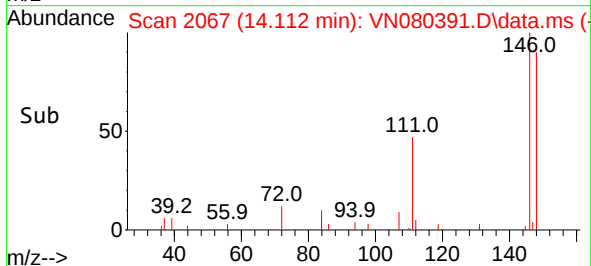
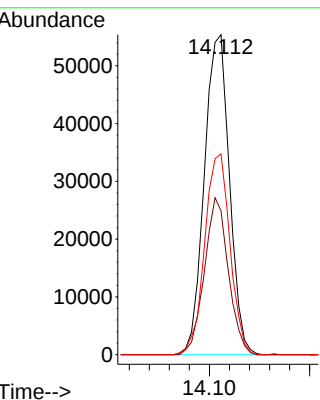
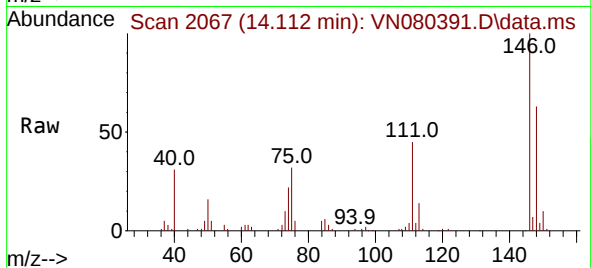
148 63.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.432 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN080391.D

Acq: 06 Dec 2023 17:09

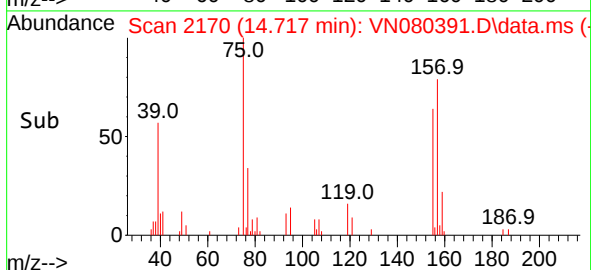
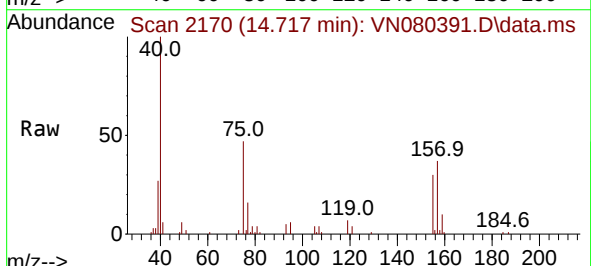
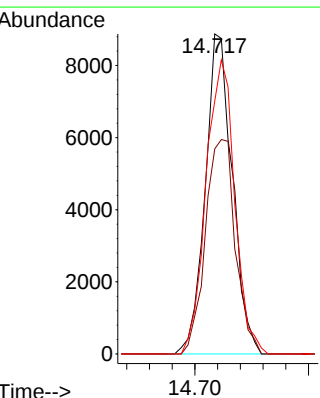
Tgt Ion: 75 Resp: 14725

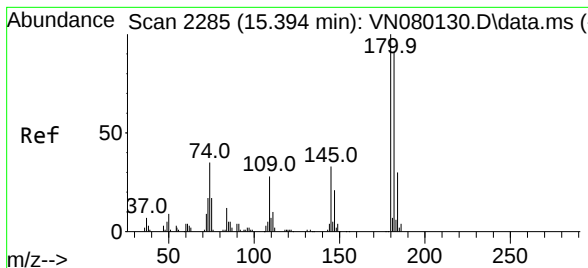
Ion Ratio Lower Upper

75 100

155 74.1 39.1 117.2

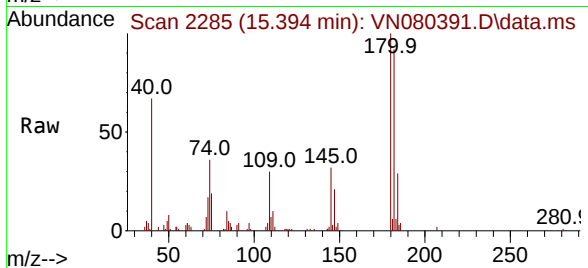
157 97.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.576 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

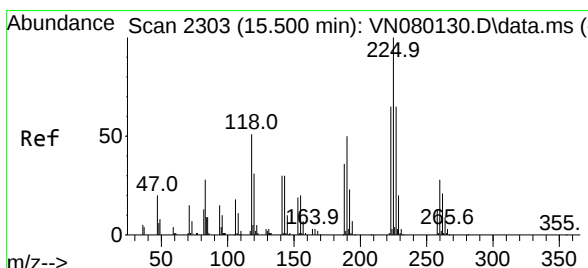
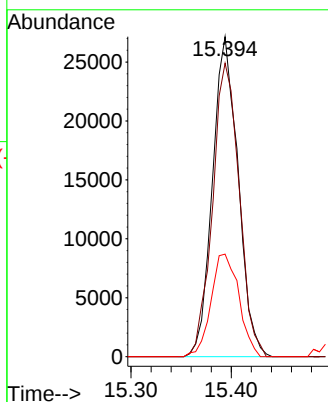
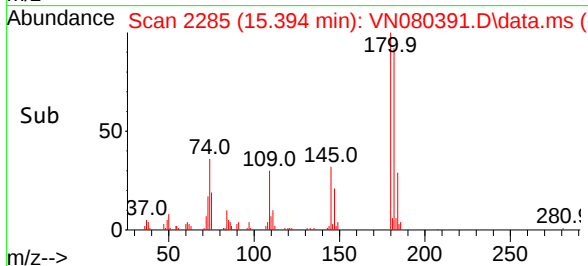
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion:180 Resp: 4815
Ion Ratio Lower Upper
180 100
182 95.3 46.1 138.2
145 34.8 16.6 49.8

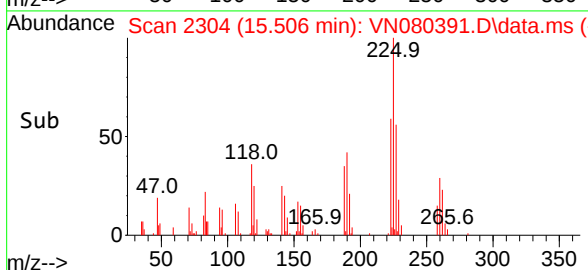
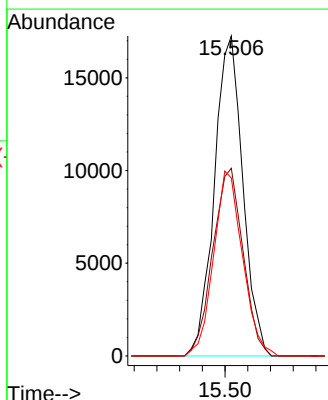
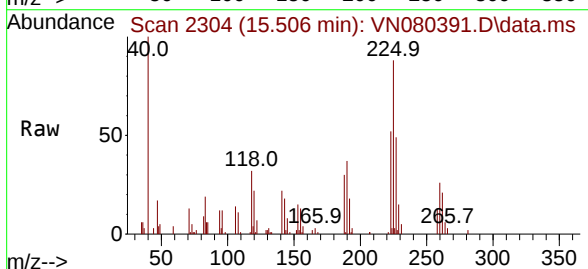
Manual Integrations
APPROVED

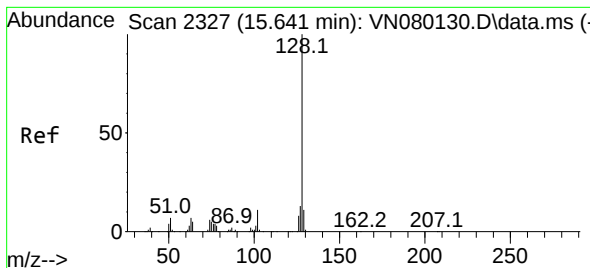
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#94
Hexachlorobutadiene
Concen: 17.964 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

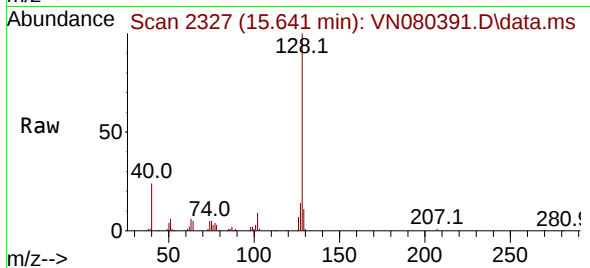
Tgt Ion:225 Resp: 30033
Ion Ratio Lower Upper
225 100
223 62.3 31.3 93.8
227 58.8 31.9 95.9





#95
Naphthalene
Concen: 18.076 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09

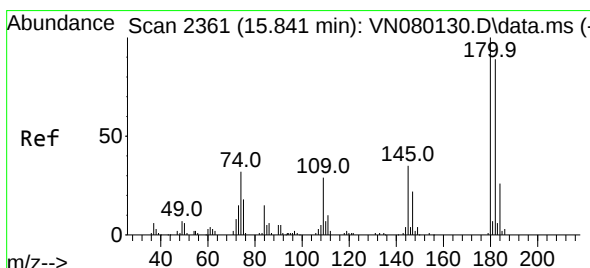
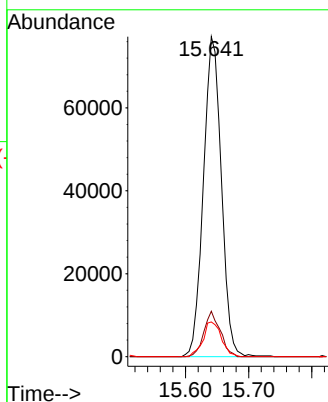
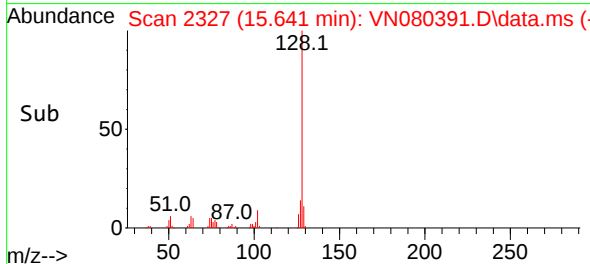
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



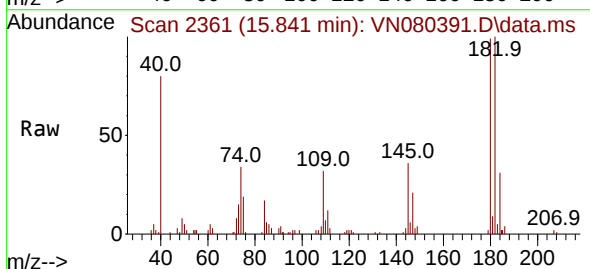
Tgt Ion:128 Resp: 15228
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 17.324 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080391.D
Acq: 06 Dec 2023 17:09



Tgt Ion:180 Resp: 47175
Ion Ratio Lower Upper
180 100
182 97.5 46.2 138.6
145 36.3 17.5 52.6

