

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080270.D
 Acq On : 27 Nov 2023 13:04
 Operator : JC\MD
 Sample : VN1127MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 02:07:10 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	8.229	168	263034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	408607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	368805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	237815	54.757	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.520%			
35) Dibromofluoromethane	8.171	113	168945	56.035	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.080%			
50) Toluene-d8	10.570	98	605016	55.667	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.340%			
62) 4-Bromofluorobenzene	12.847	95	225797	55.003	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	65579	16.738	ug/l	96
3) Chloromethane	2.365	50	43498	14.766	ug/l	91
4) Vinyl Chloride	2.512	62	50849	16.311	ug/l	99
5) Bromomethane	2.953	94	33784	15.964	ug/l	100
6) Chloroethane	3.124	64	33979	16.500	ug/l	99
7) Trichlorofluoromethane	3.500	101	111123	17.088	ug/l	99
8) Diethyl Ether	3.959	74	30380	16.064	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	51815	17.432	ug/l	96
10) Methyl Iodide	4.594	142	52298	16.281	ug/l #	88
11) Tert butyl alcohol	5.518	59	37790	79.124	ug/l	98
12) 1,1-Dichloroethene	4.341	96	44591	16.039	ug/l	88
13) Acrolein	4.177	56	29851	70.624	ug/l	95
14) Allyl chloride	5.018	41	52835	15.105	ug/l	94
15) Acrylonitrile	5.718	53	102902	80.257	ug/l	99
16) Acetone	4.424	43	97263	66.676	ug/l	94
17) Carbon Disulfide	4.712	76	111858	13.475	ug/l	97
18) Methyl Acetate	5.024	43	74227	15.837	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	166166	16.925	ug/l	97
20) Methylene Chloride	5.277	84	52548	17.202	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	50028	16.380	ug/l	91
22) Diisopropyl ether	6.677	45	131932	17.049	ug/l	93
23) Vinyl Acetate	6.606	43	423638m	91.059	ug/l	
24) 1,1-Dichloroethane	6.571	63	90758	16.102	ug/l	99
25) 2-Butanone	7.482	43	123342	71.166	ug/l	99
26) 2,2-Dichloropropane	7.494	77	93612	16.741	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	57882	16.716	ug/l	89
28) Bromochloromethane	7.812	49	43841	19.785	ug/l	100
29) Tetrahydrofuran	7.841	42	76576	82.296	ug/l	91
30) Chloroform	7.965	83	107894	17.127	ug/l	93
31) Cyclohexane	8.259	56	71646	15.169	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	105610	17.190	ug/l	99
36) 1,1-Dichloropropene	8.376	75	73755	16.896	ug/l	95
37) Ethyl Acetate	7.559	43	50754	16.763	ug/l	96
38) Carbon Tetrachloride	8.365	117	100497	18.142	ug/l	97
39) Methylcyclohexane	9.606	83	68033	16.164	ug/l #	87
40) Benzene	8.606	78	211731	17.067	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27827	16.735	ug/l	93
42) 1,2-Dichloroethane	8.676	62	91289	17.986	ug/l	94
43) Isopropyl Acetate	8.688	43	83189	14.119	ug/l	95
44) Trichloroethene	9.353	130	55600	17.085	ug/l	99
45) 1,2-Dichloropropane	9.623	63	47666	16.533	ug/l	94
46) Dibromomethane	9.706	93	38816	17.786	ug/l	93
47) Bromodichloromethane	9.888	83	87480	18.222	ug/l	94
48) Methyl methacrylate	9.682	41	49574	16.327	ug/l	94
49) 1,4-Dioxane	9.700	88	17167	339.848	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	255956	83.908	ug/l	98
52) Toluene	10.635	92	136541	17.586	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	82996	16.827	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	88482	17.559	ug/l #	92
55) 1,1,2-Trichloroethane	11.018	97	52101	17.582	ug/l	93
56) Ethyl methacrylate	10.876	69	52085	17.205	ug/l	94
57) 1,3-Dichloropropane	11.165	76	87495	16.911	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	156960	92.033	ug/l	98
59) 2-Hexanone	11.194	43	193216	78.825	ug/l	96
60) Dibromochloromethane	11.365	129	64701	18.237	ug/l	100
61) 1,2-Dibromoethane	11.470	107	51828	17.144	ug/l	99
64) Tetrachloroethene	11.106	164	59693	21.208	ug/l	95
65) Chlorobenzene	11.894	112	144616	17.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	60573	18.678	ug/l	92
67) Ethyl Benzene	11.964	91	255922	17.210	ug/l	96
68) m/p-Xylenes	12.070	106	192562	35.516	ug/l	88
69) o-Xylene	12.400	106	90827	17.775	ug/l	88
70) Styrene	12.412	104	136679	17.972	ug/l	93
71) Bromoform	12.576	173	45214	18.800	ug/l #	98
73) Isopropylbenzene	12.700	105	244827	17.488	ug/l	100
74) N-amyl acetate	12.494	43	64565	14.789	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	65224	15.566	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	69551m	15.756	ug/l	
77) Bromobenzene	12.982	156	62550	17.721	ug/l	93
78) n-propylbenzene	13.035	91	266174	17.002	ug/l	99
79) 2-Chlorotoluene	13.129	91	179279	17.632	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	212981	17.476	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	21049	16.111	ug/l #	80
82) 4-Chlorotoluene	13.223	91	183061	17.574	ug/l	95
83) tert-Butylbenzene	13.441	119	166610	17.048	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	217803	18.150	ug/l	96
85) sec-Butylbenzene	13.617	105	213834	17.296	ug/l	99
86) p-Isopropyltoluene	13.735	119	195385	17.692	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	107605	16.921	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	107455	16.814	ug/l	95
89) n-Butylbenzene	14.058	91	154872	16.754	ug/l	99
90) Hexachloroethane	14.335	117	35996	16.719	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	103362	16.985	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15255	15.674	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	55199	15.596	ug/l	98
94) Hexachlorobutadiene	15.505	225	32094	15.757	ug/l	99
95) Naphthalene	15.647	128	148600	14.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	52232	15.745	ug/l	97

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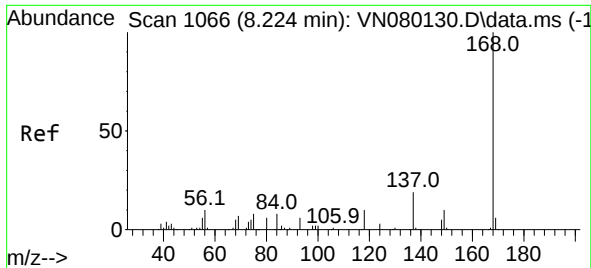
Manual Integrations
APPROVED

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



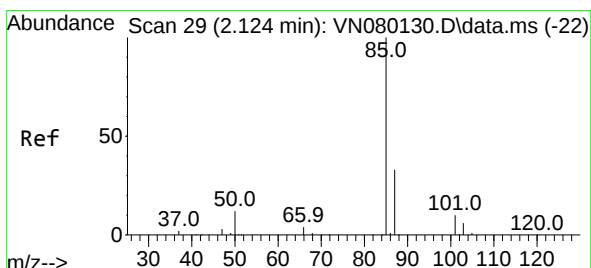
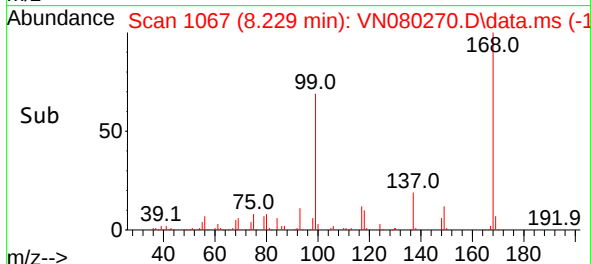
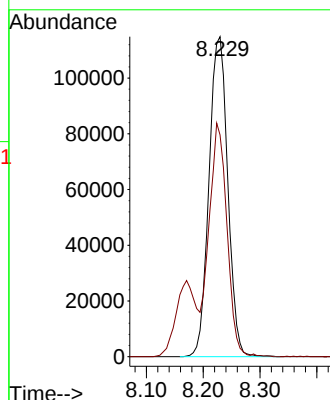
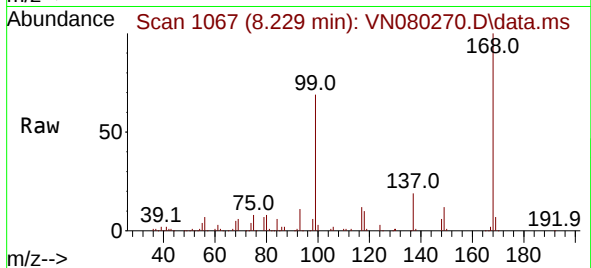
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion:168 Resp: 263034
Ion Ratio Lower Upper
168 100
99 69.3 53.0 79.6

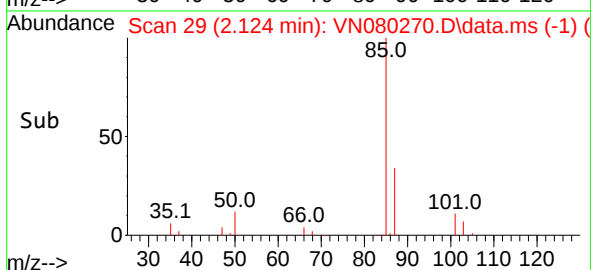
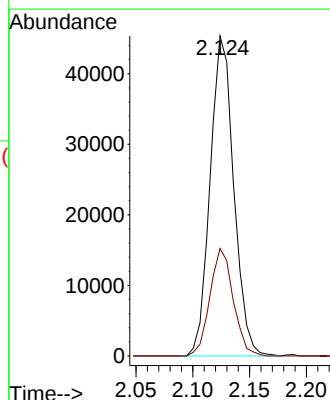
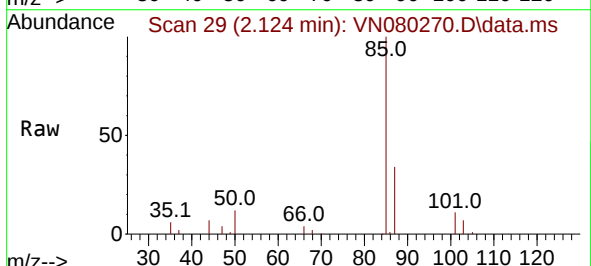
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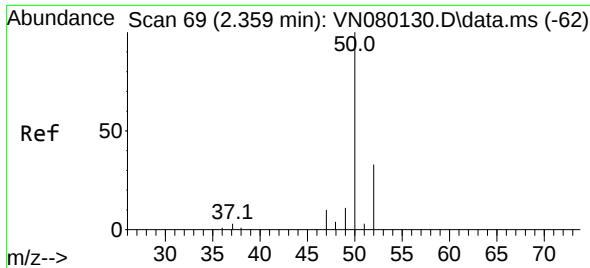
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#2
Dichlorodifluoromethane
Concen: 16.738 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Tgt Ion: 85 Resp: 65579
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4





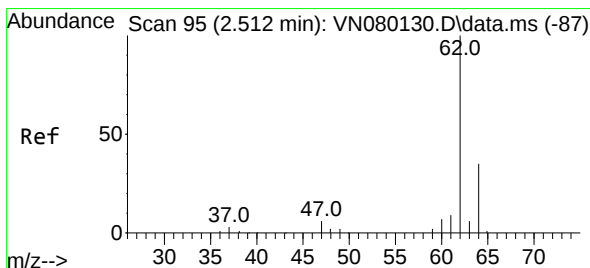
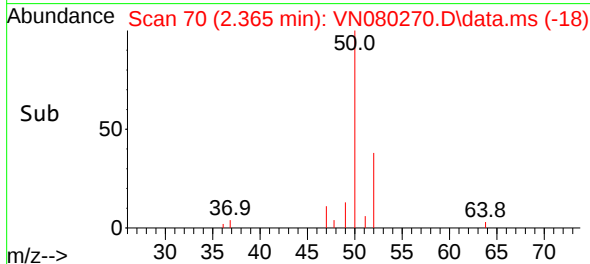
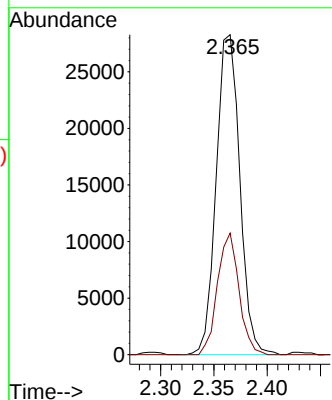
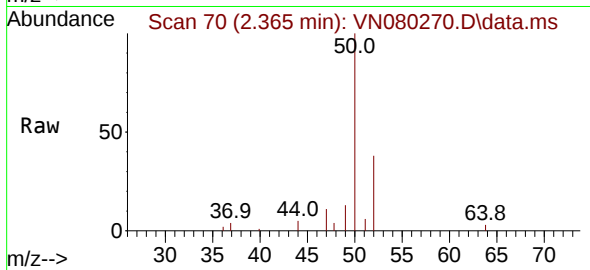
#3
Chloromethane
Concen: 14.766 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
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VN1127MBS02

Tgt Ion: 50 Resp: 43498
Ion Ratio Lower Upper
50 100
52 38.0 26.5 39.7

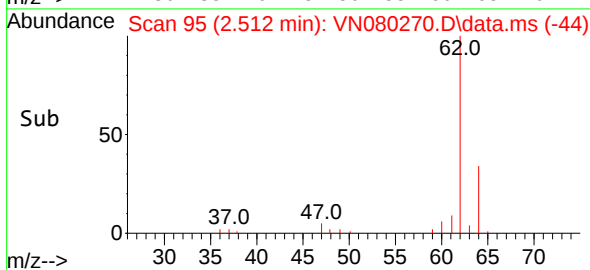
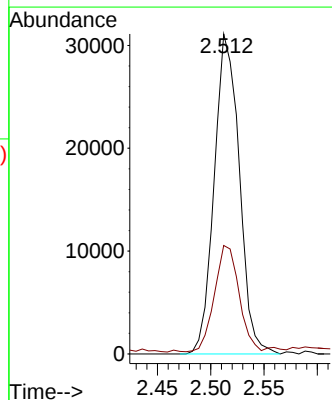
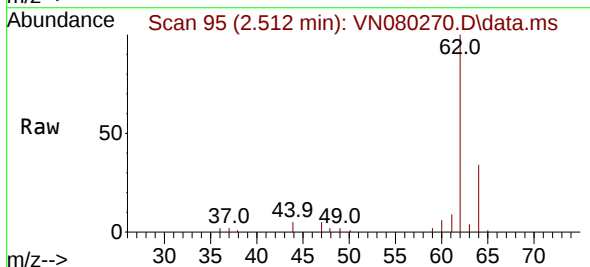
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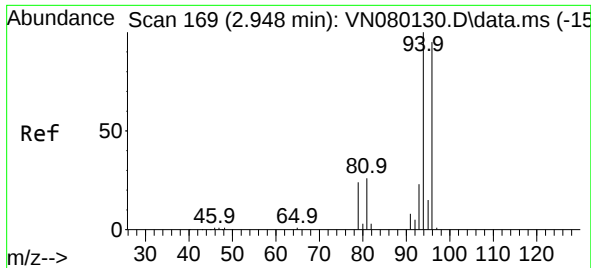
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#4
Vinyl Chloride
Concen: 16.311 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Tgt Ion: 62 Resp: 50849
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.2





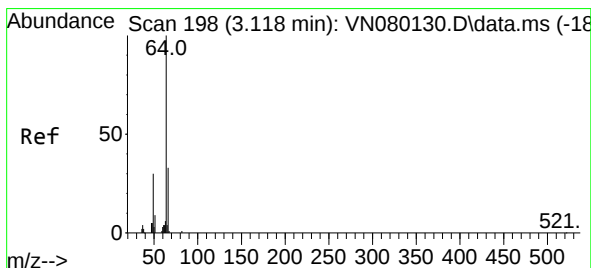
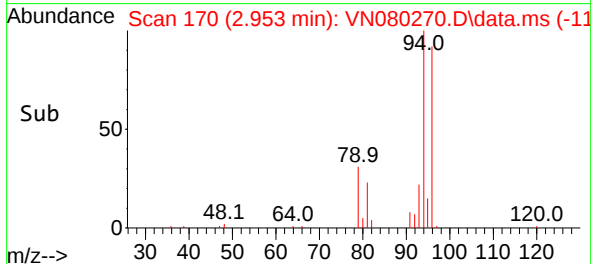
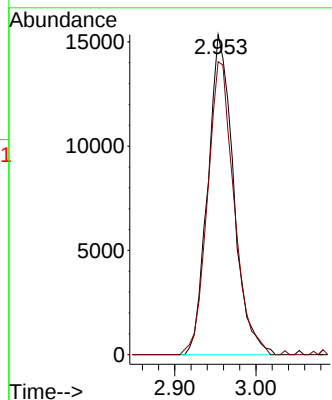
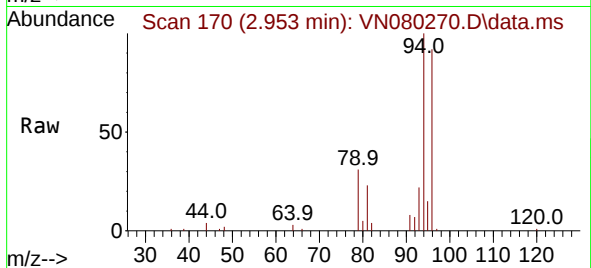
#5
Bromomethane
Concen: 15.964 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

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Tgt Ion: 94 Resp: 33784
Ion Ratio Lower Upper
94 100
96 91.6 73.1 109.7

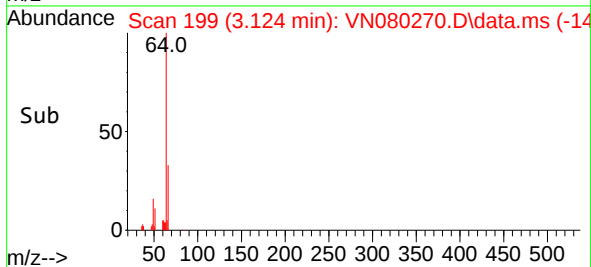
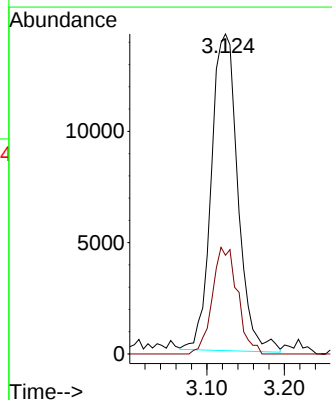
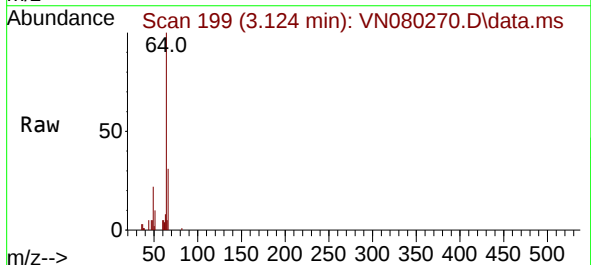
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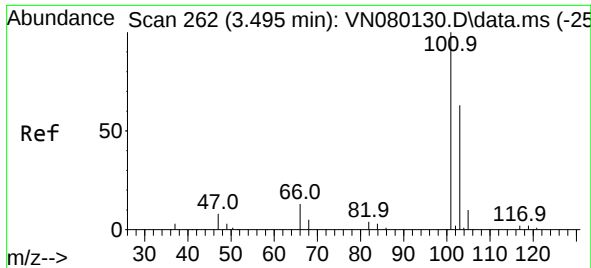
Reviewed By :John Carlone 11/28/2023
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#6
Chloroethane
Concen: 16.500 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Tgt Ion: 64 Resp: 33979
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2





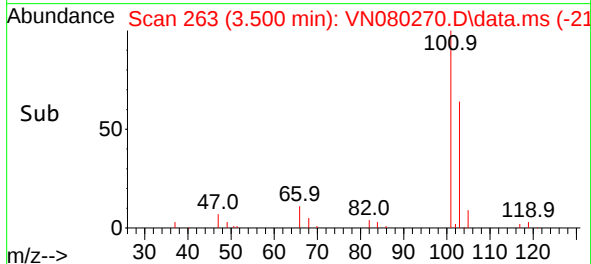
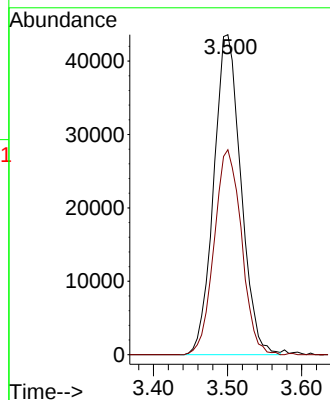
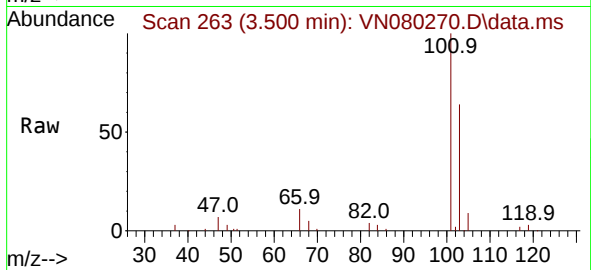
#7
 Trichlorofluoromethane
 Concen: 17.088 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN080270.D
 Acq: 27 Nov 2023 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127MBS02

Tgt Ion:101 Resp: 11112
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.7 76.1

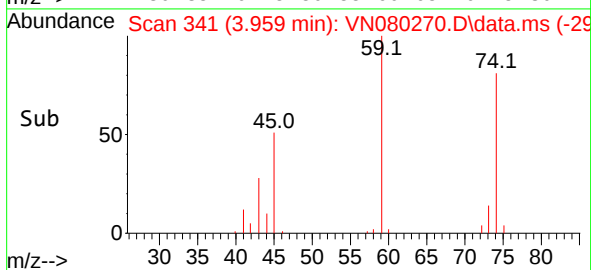
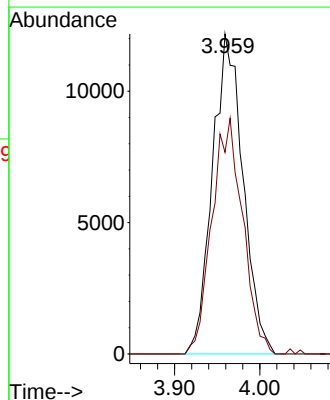
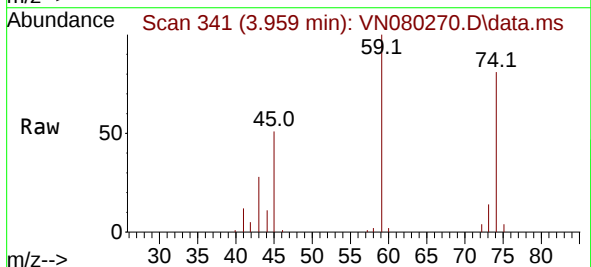
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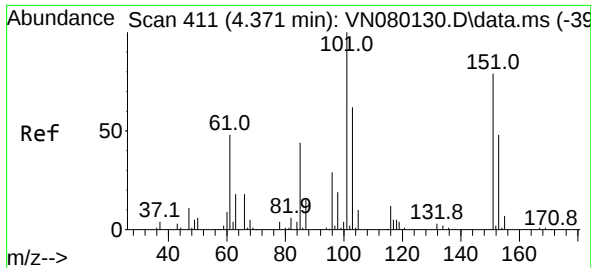
Reviewed By :John Carlone 11/28/2023
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#8
 Diethyl Ether
 Concen: 16.064 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN080270.D
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Tgt Ion: 74 Resp: 30380
 Ion Ratio Lower Upper
 74 100
 45 74.0 34.4 103.3





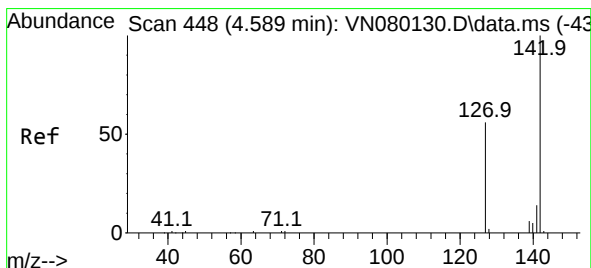
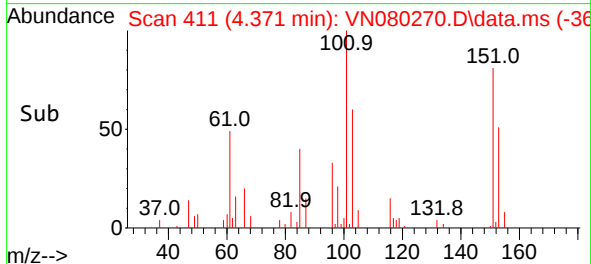
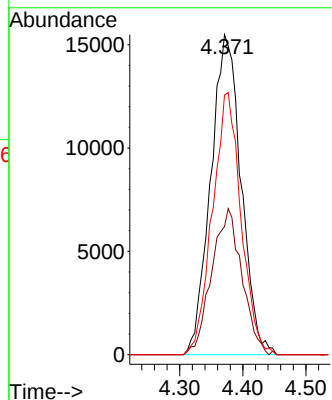
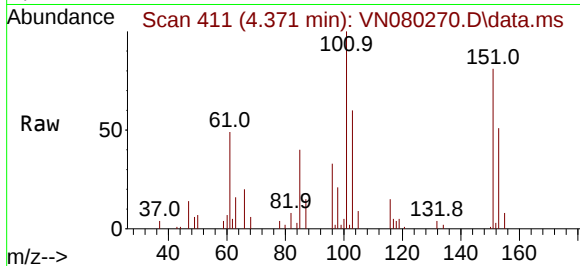
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.432 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion:101 Resp: 5181
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 76.9 57.6 86.4

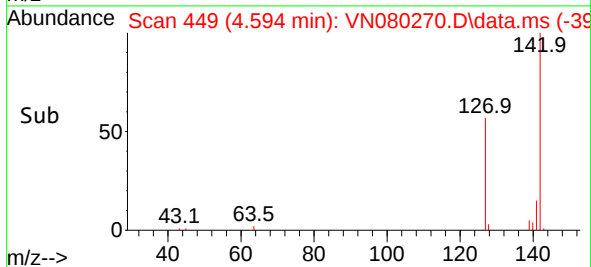
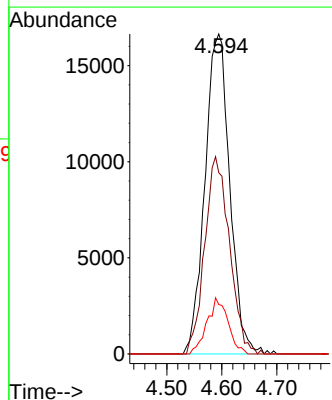
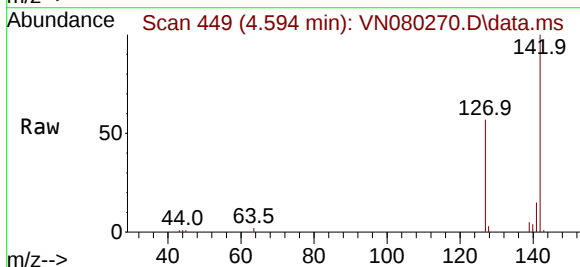
Manual Integrations
APPROVED

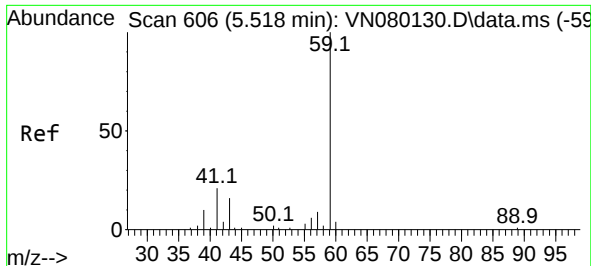
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#10
Methyl Iodide
Concen: 16.281 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

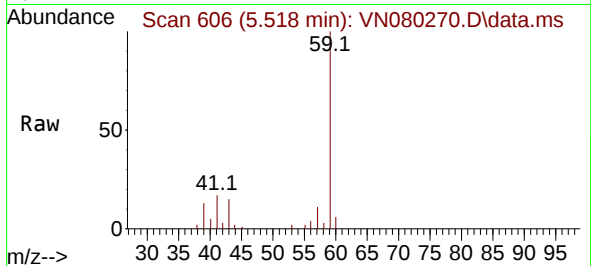
Tgt Ion:142 Resp: 52298
Ion Ratio Lower Upper
142 100
127 56.6 37.6 56.4#
141 15.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 79.124 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

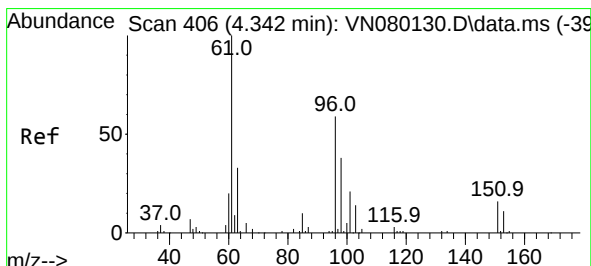
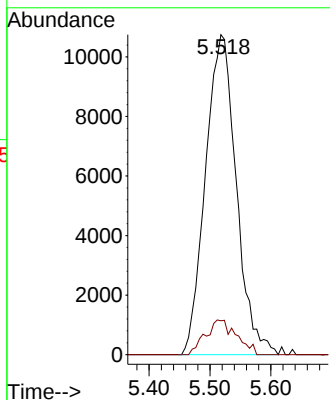
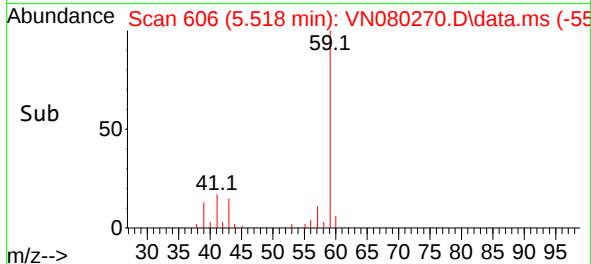
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



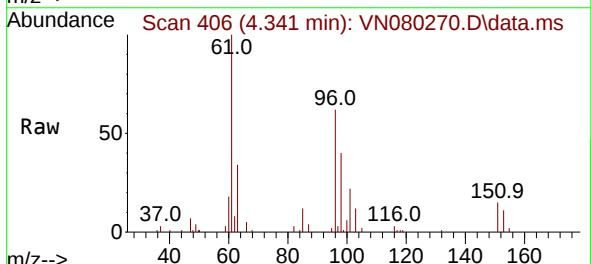
Tgt Ion: 59 Resp: 37790
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

Manual Integrations
APPROVED

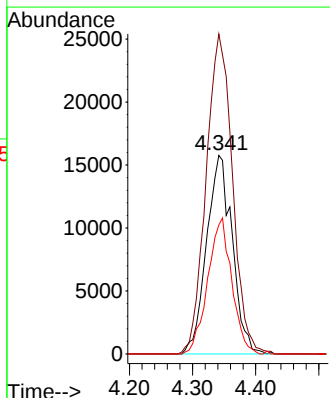
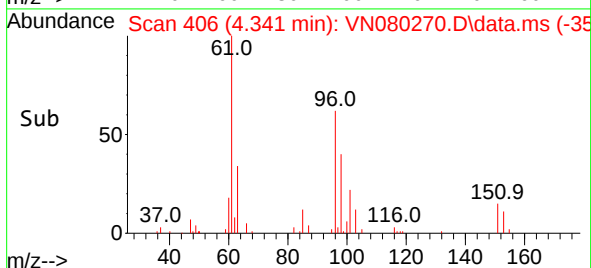
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#12
1,1-Dichloroethene
Concen: 16.039 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04



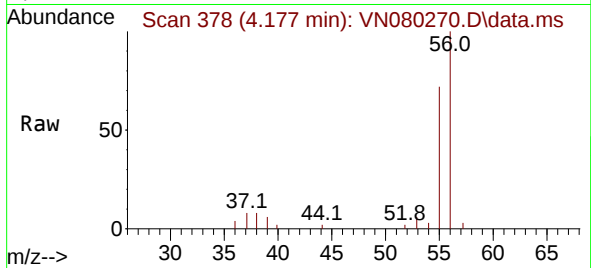
Tgt Ion: 96 Resp: 44591
Ion Ratio Lower Upper
96 100
61 161.1 112.7 169.1
98 65.0 51.2 76.8





#13
Acrolein
Concen: 70.624 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

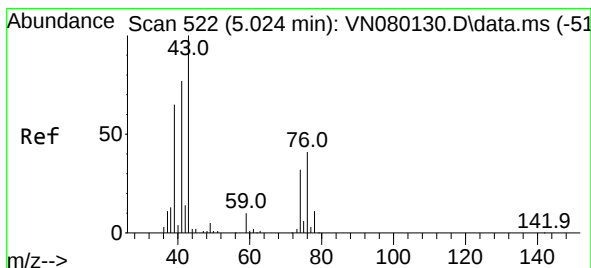
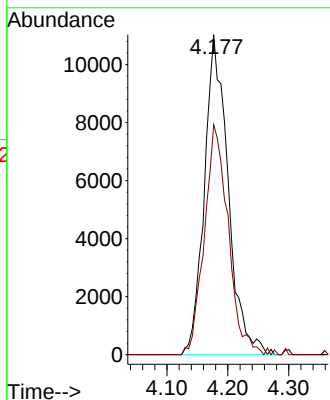
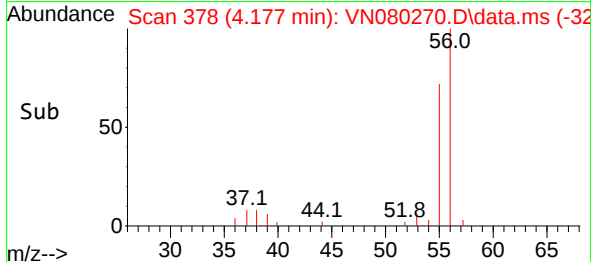
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



Tgt Ion: 56 Resp: 2985
Ion Ratio Lower Upper
56 100
55 72.1 54.5 81.7

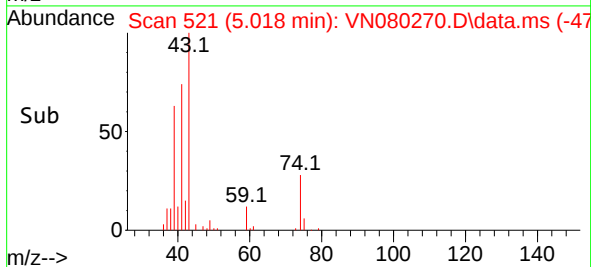
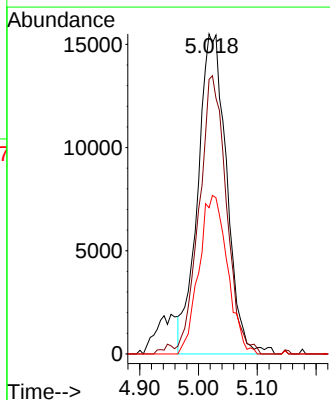
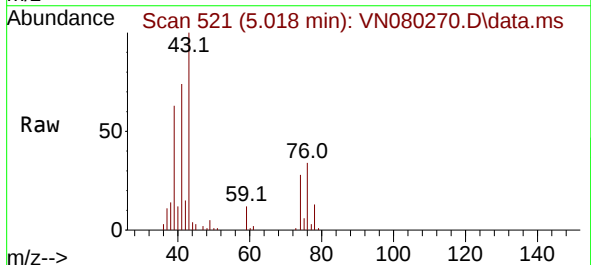
Manual Integrations
APPROVED

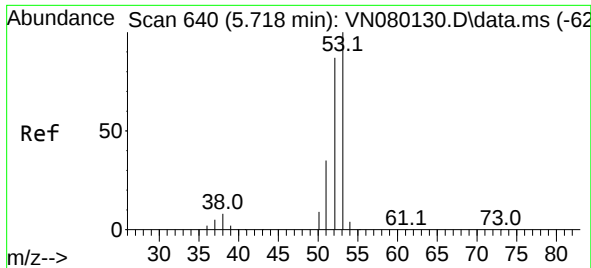
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#14
Allyl chloride
Concen: 15.105 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

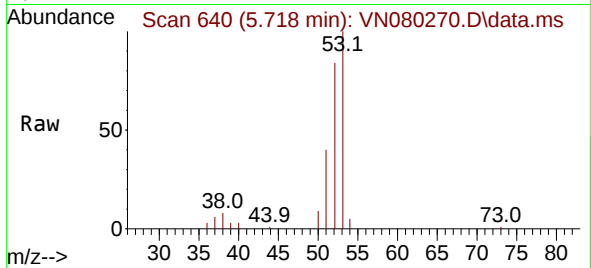
Tgt Ion: 41 Resp: 52835
Ion Ratio Lower Upper
41 100
39 82.0 58.8 88.2
76 49.0 39.1 58.7





#15
Acrylonitrile
Concen: 80.257 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

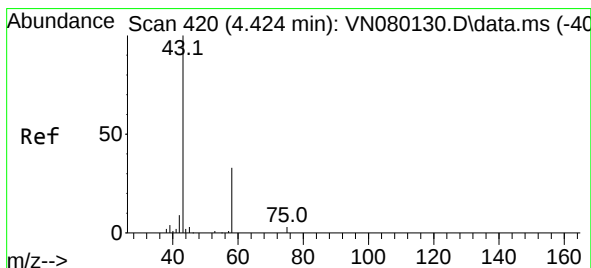
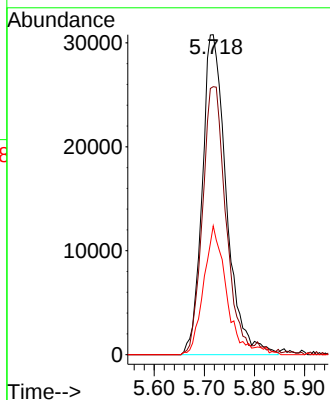
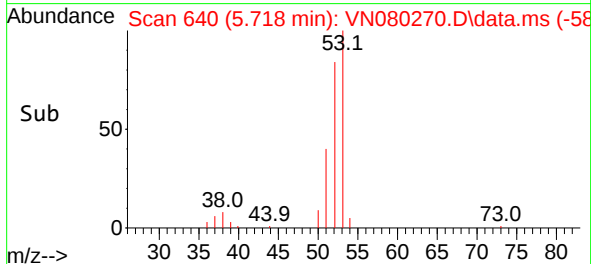
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



Tgt Ion: 53 Resp: 102902
Ion Ratio Lower Upper
53 100
52 80.9 65.3 97.9
51 37.5 28.9 43.3

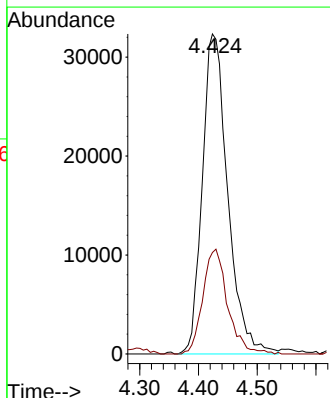
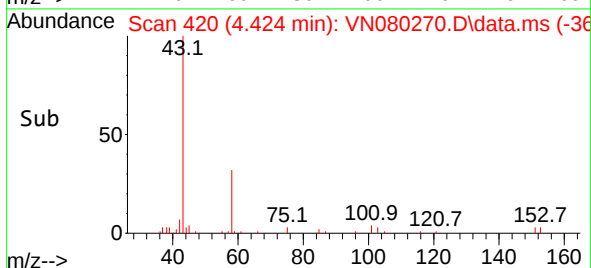
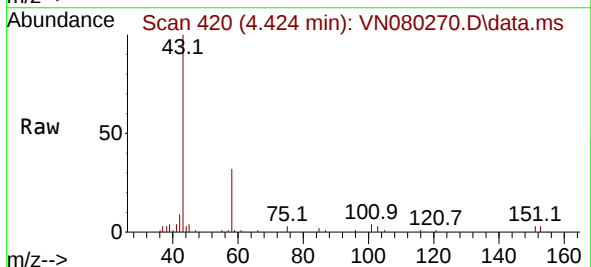
Manual Integrations
APPROVED

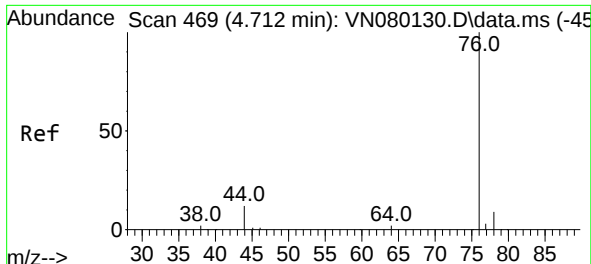
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#16
Acetone
Concen: 66.676 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

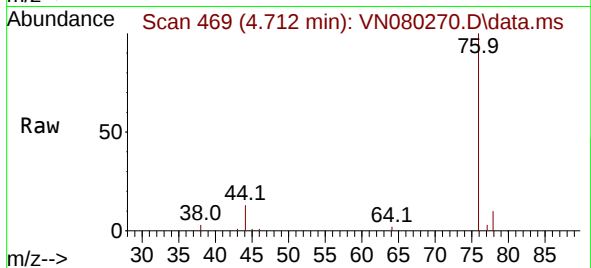
Tgt Ion: 43 Resp: 97263
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0





#17
Carbon Disulfide
Concen: 13.475 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

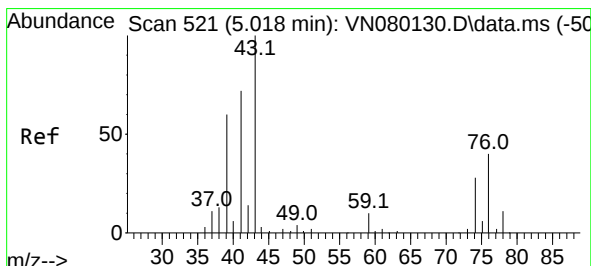
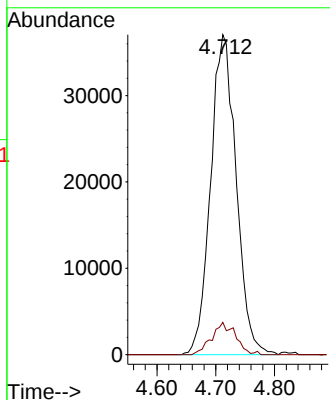
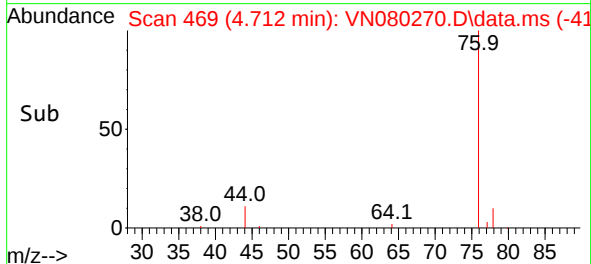
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



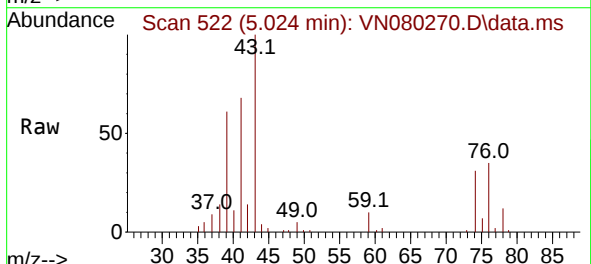
Tgt Ion: 76 Resp: 111858
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

Manual Integrations
APPROVED

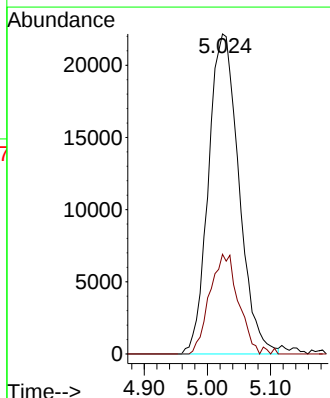
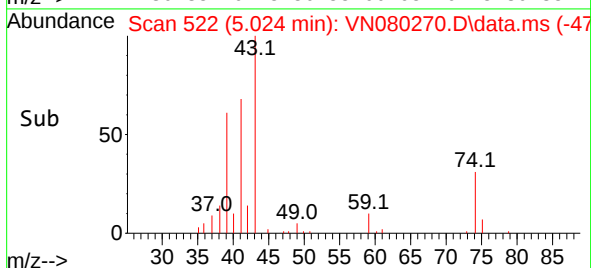
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

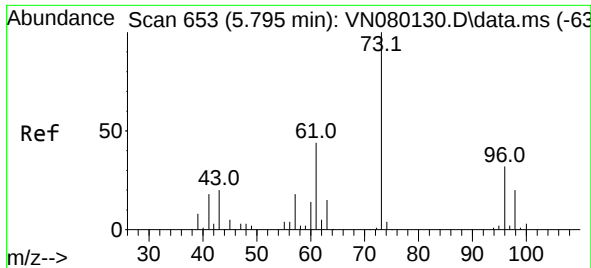


#18
Methyl Acetate
Concen: 15.837 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04



Tgt Ion: 43 Resp: 74227
Ion Ratio Lower Upper
43 100
74 29.2 26.2 39.4





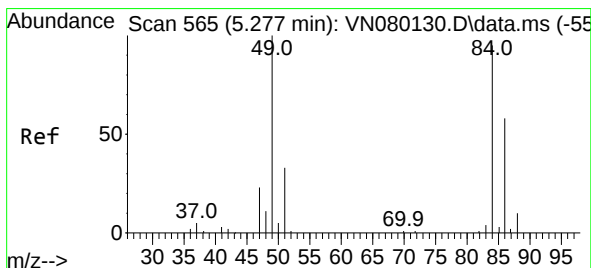
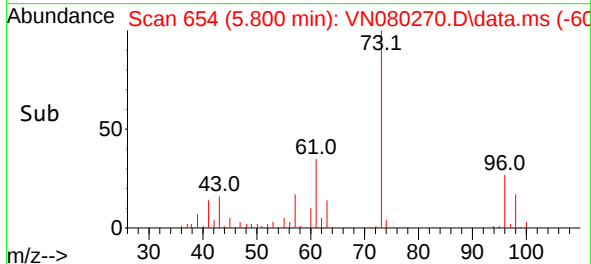
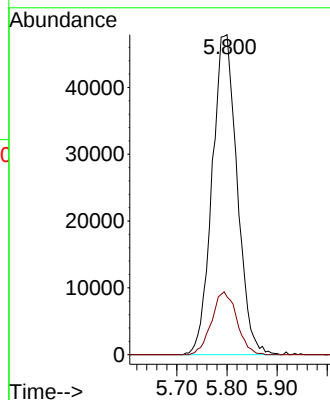
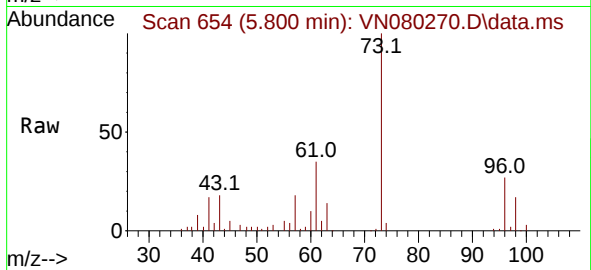
#19
Methyl tert-butyl Ether
Concen: 16.925 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion: 73 Resp: 166160
Ion Ratio Lower Upper
73 100
57 18.1 15.6 23.4

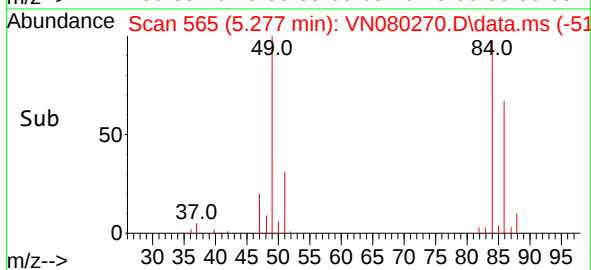
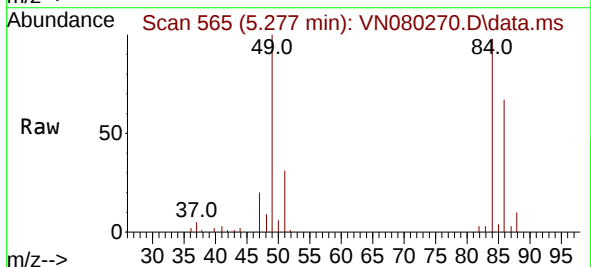
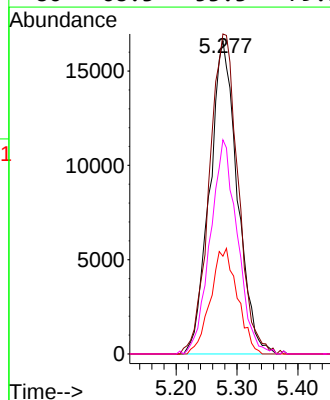
Manual Integrations
APPROVED

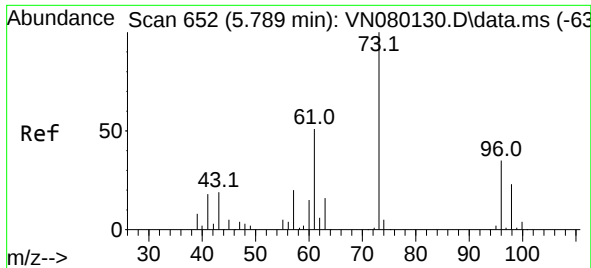
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#20
Methylene Chloride
Concen: 17.202 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

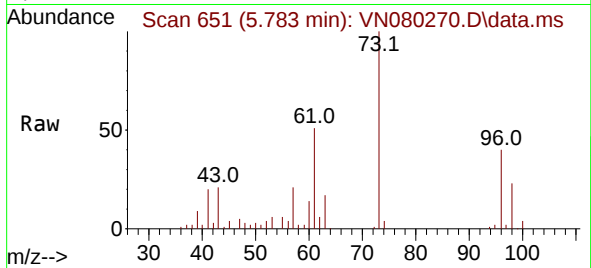
Tgt Ion: 84 Resp: 52548
Ion Ratio Lower Upper
84 100
49 102.1 79.7 119.5
51 31.2 25.2 37.8
86 68.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 16.380 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

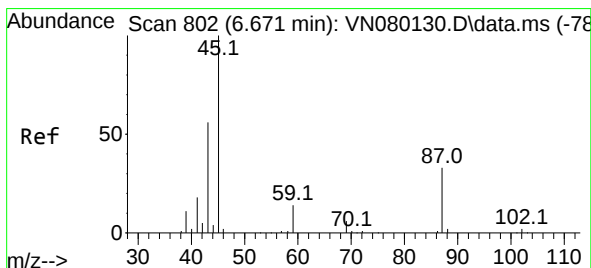
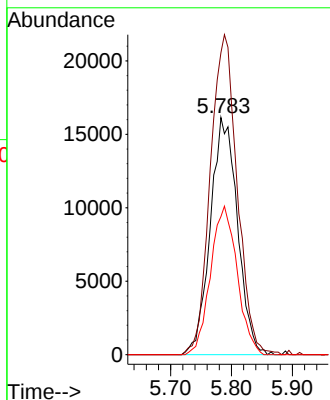
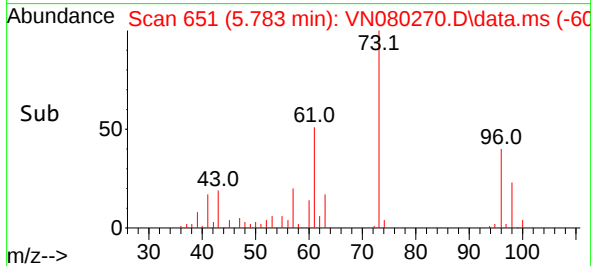
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



Tgt Ion: 96 Resp: 50028
Ion Ratio Lower Upper
96 100
61 127.3 90.1 135.1
98 58.2 46.4 69.6

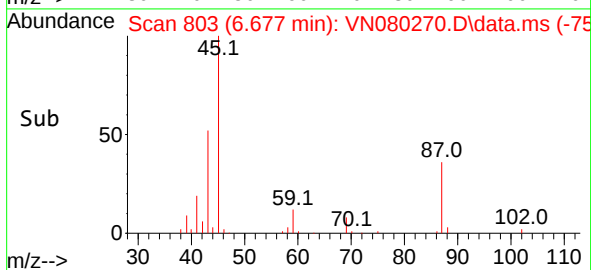
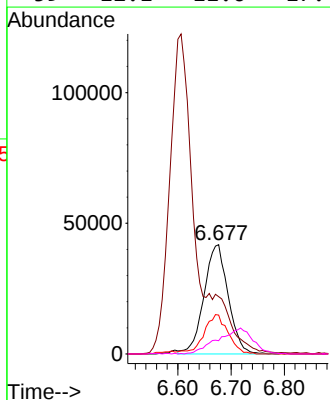
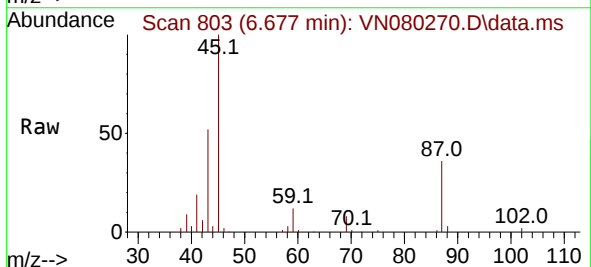
Manual Integrations
APPROVED

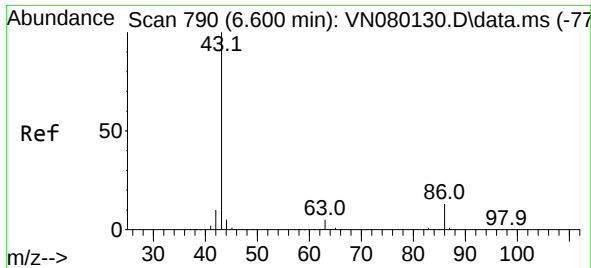
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#22
Diisopropyl ether
Concen: 17.049 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

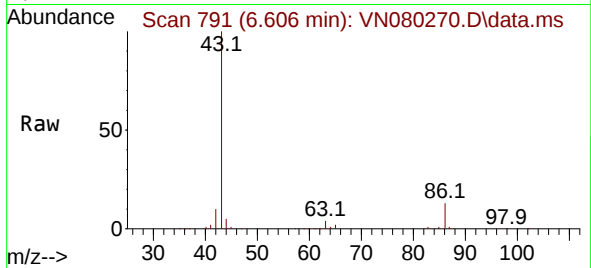
Tgt Ion: 45 Resp: 131932
Ion Ratio Lower Upper
45 100
43 51.4 45.5 68.3
87 35.5 31.8 47.8
59 12.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 91.059 ug/l m
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080270.D
 Acq: 27 Nov 2023 13:04

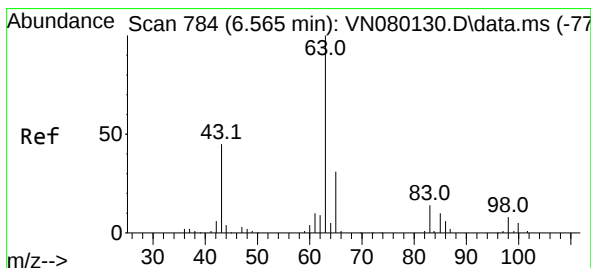
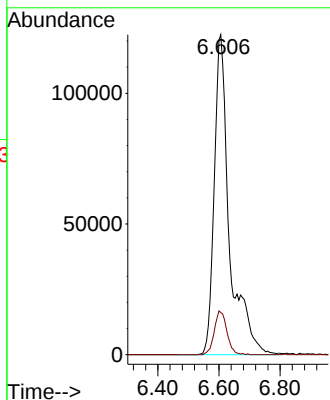
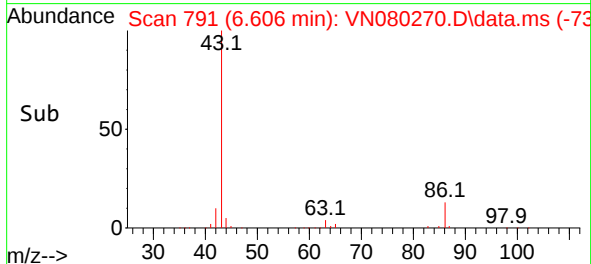
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127MBS02



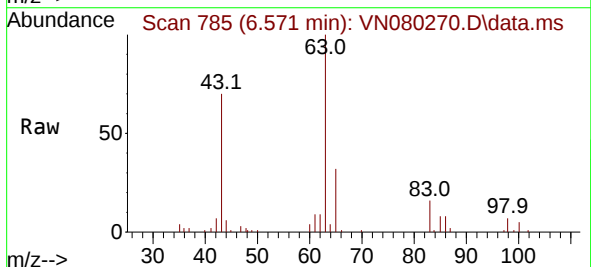
Tgt Ion: 43 Resp: 423638
 Ion Ratio Lower Upper
 43 100
 86 13.1 13.0 19.6

Manual Integrations
 APPROVED

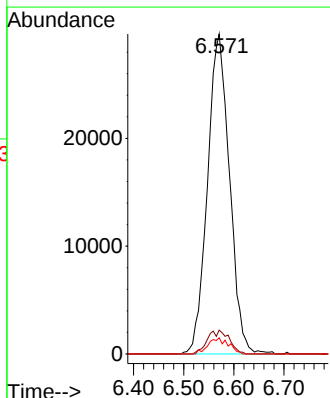
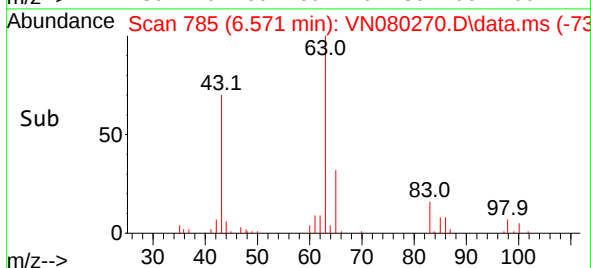
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023

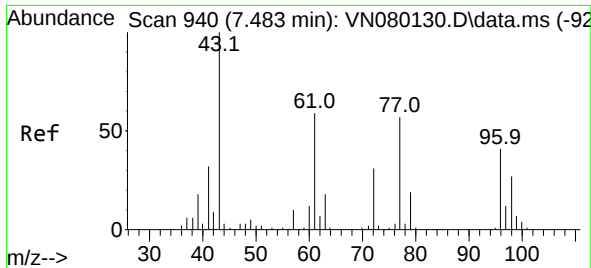


#24
 1,1-Dichloroethane
 Concen: 16.102 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080270.D
 Acq: 27 Nov 2023 13:04



Tgt Ion: 63 Resp: 90758
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 5.0 2.5 7.4





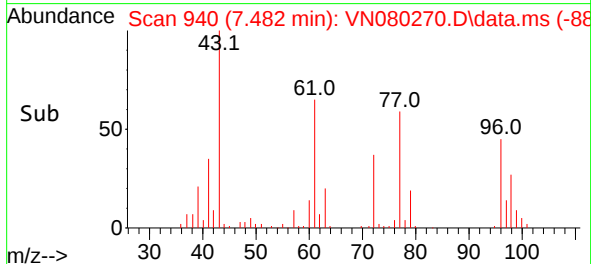
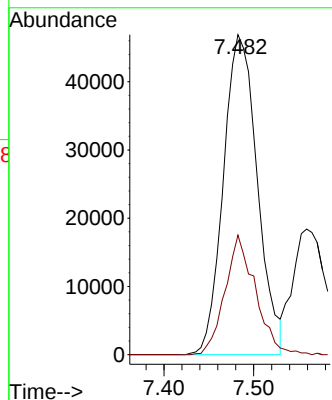
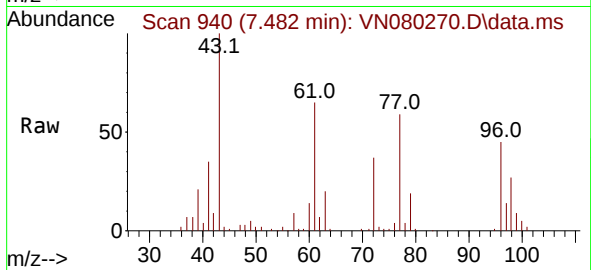
#25
2-Butanone
Concen: 71.166 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion: 43 Resp: 12334
Ion Ratio Lower Upper
43 100
72 37.4 30.2 45.2

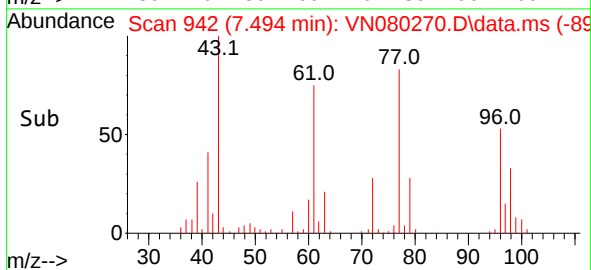
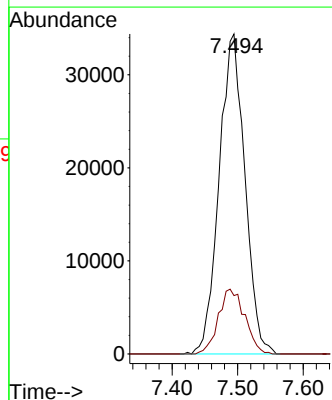
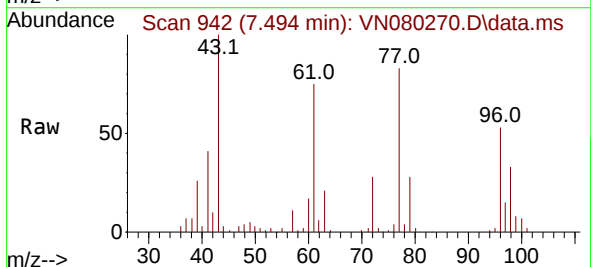
Manual Integrations
APPROVED

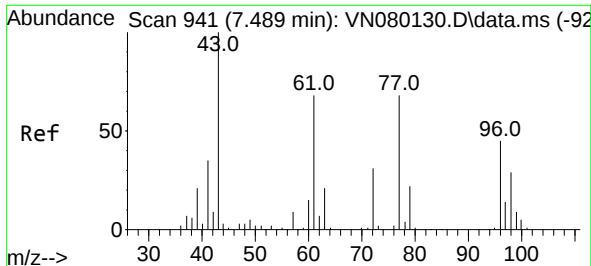
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#26
2,2-Dichloropropane
Concen: 16.741 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

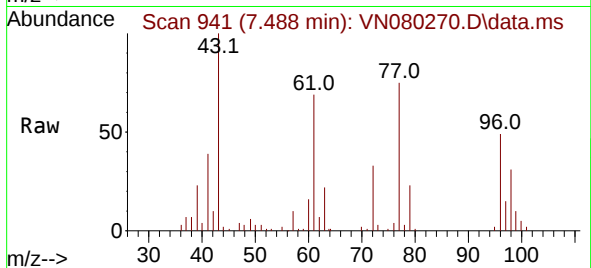
Tgt Ion: 77 Resp: 93612
Ion Ratio Lower Upper
77 100
97 20.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 16.716 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080270.D
 Acq: 27 Nov 2023 13:04

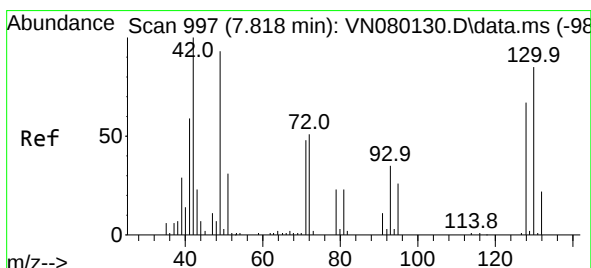
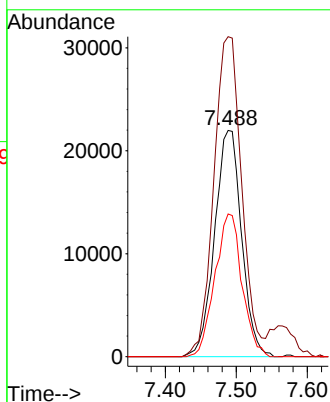
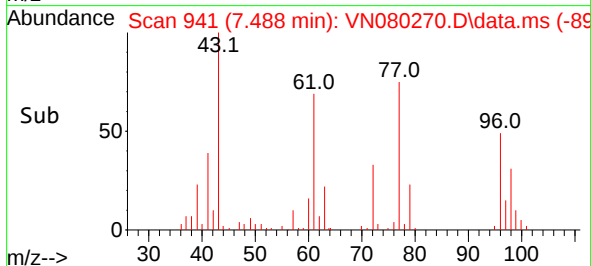
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127MBS02



Tgt Ion: 96 Resp: 5788
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 255.2
 98 63.3 0.0 128.8

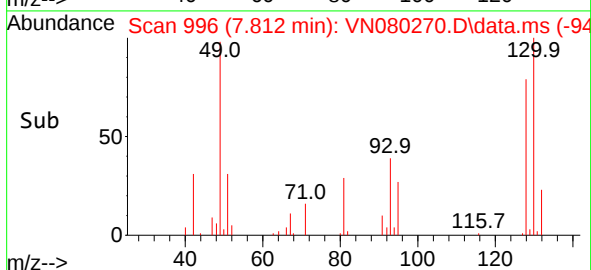
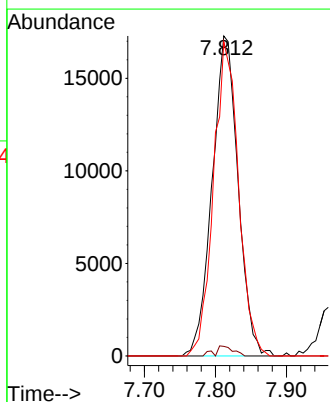
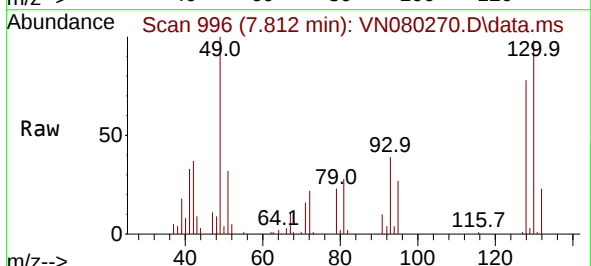
Manual Integrations
 APPROVED

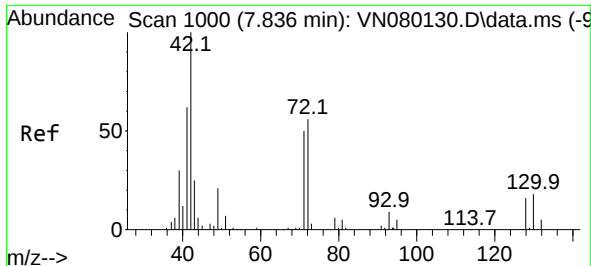
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#28
 Bromochloromethane
 Concen: 19.785 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080270.D
 Acq: 27 Nov 2023 13:04

Tgt Ion: 49 Resp: 43841
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 94.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 82.296 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080270.D

Acq: 27 Nov 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN1127MBS02

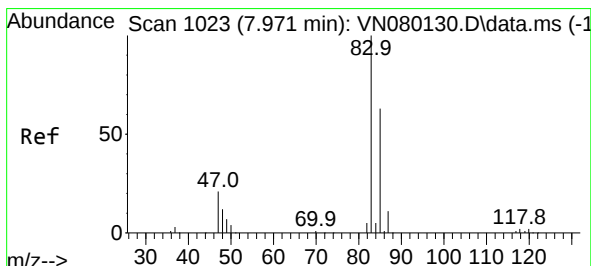
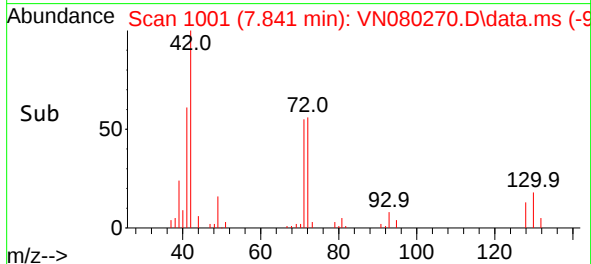
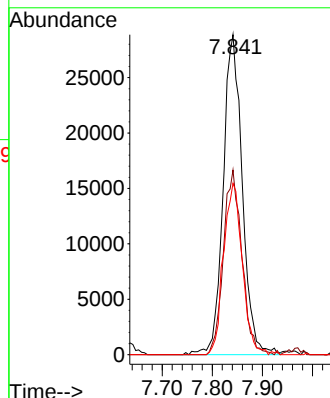
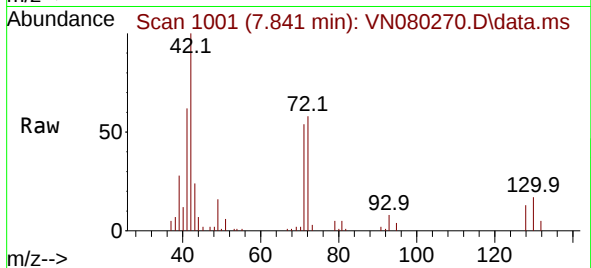
Tgt Ion: 42	Resp: 76570
Ion Ratio	Lower Upper
42	100
72	55.8 49.8 74.6
71	52.6 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#30

Chloroform

Concen: 17.127 ug/l

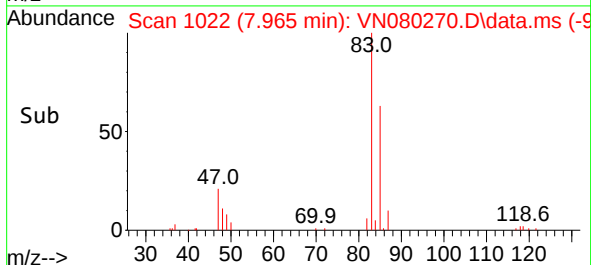
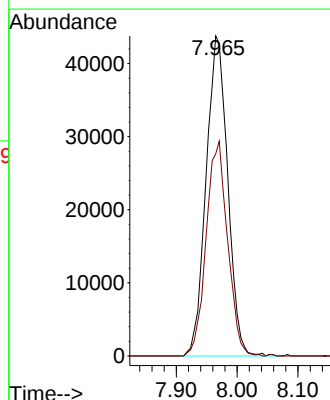
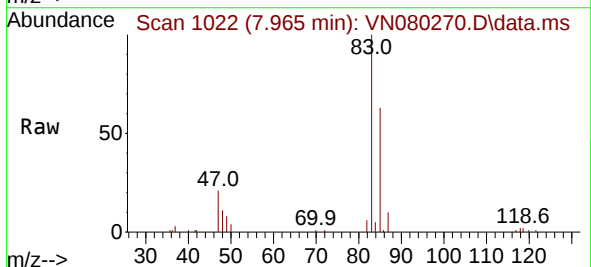
RT: 7.965 min Scan# 1022

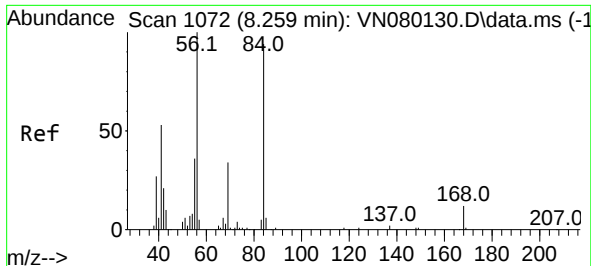
Delta R.T. -0.006 min

Lab File: VN080270.D

Acq: 27 Nov 2023 13:04

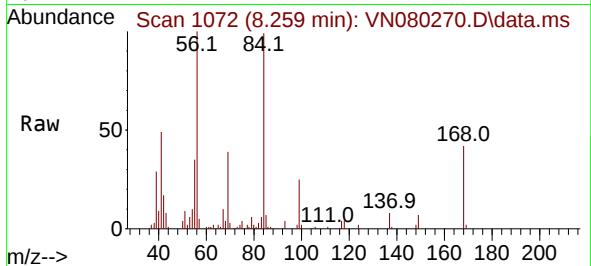
Tgt Ion: 83	Resp: 107894
Ion Ratio	Lower Upper
83	100
85	63.2 55.4 83.0





#31
Cyclohexane
Concen: 15.169 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

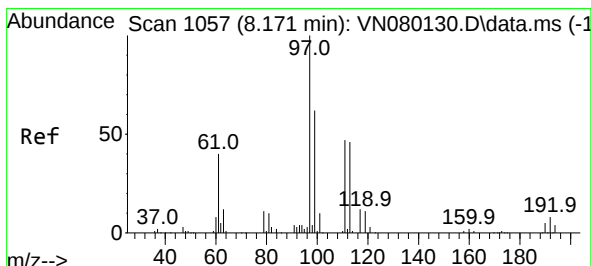
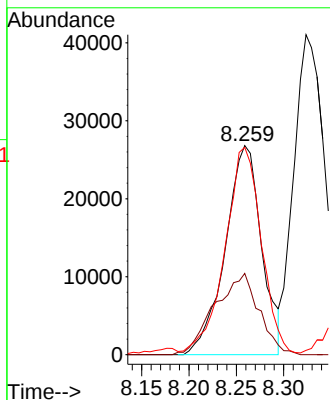
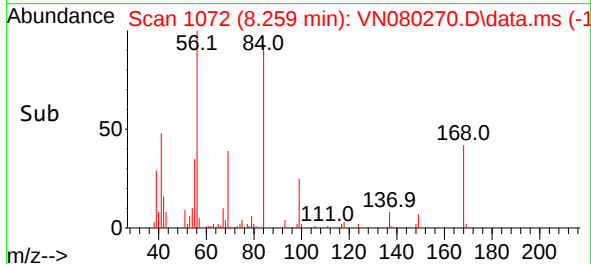
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



Tgt Ion: 56 Resp: 71640
Ion Ratio Lower Upper
56 100
69 37.7 26.8 40.2
84 97.6 81.8 122.6

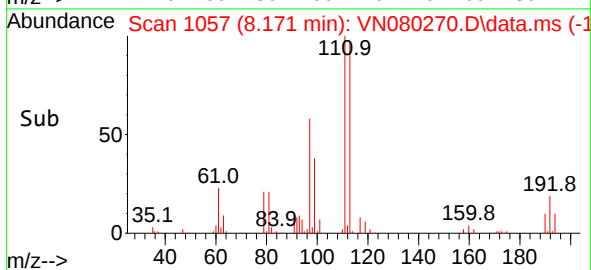
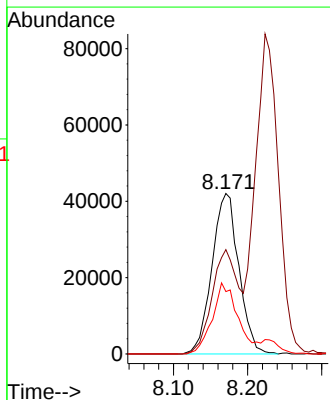
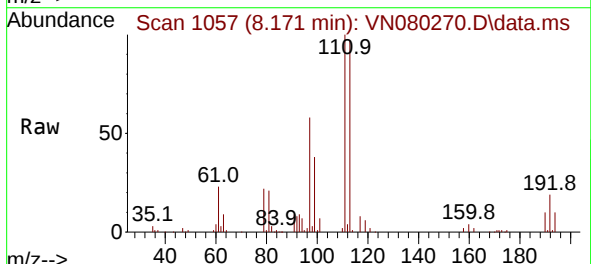
Manual Integrations
APPROVED

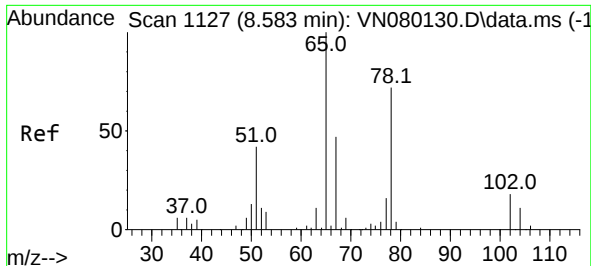
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#32
1,1,1-Trichloroethane
Concen: 17.190 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

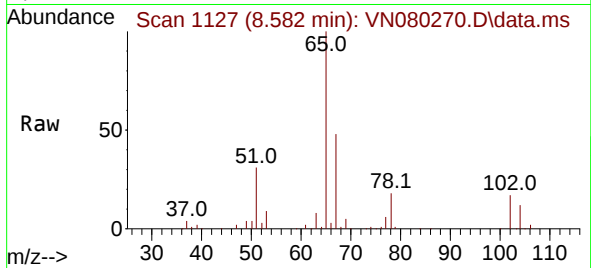
Tgt Ion: 97 Resp: 105610
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 43.2 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 54.757 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

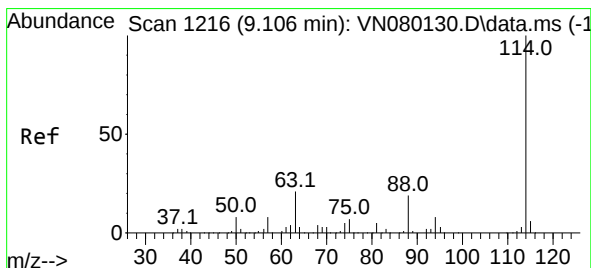
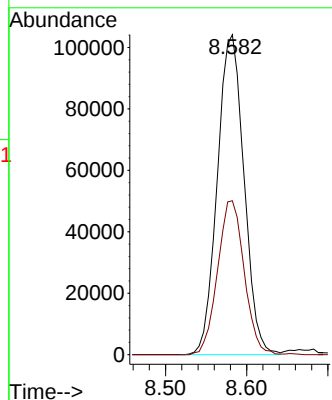
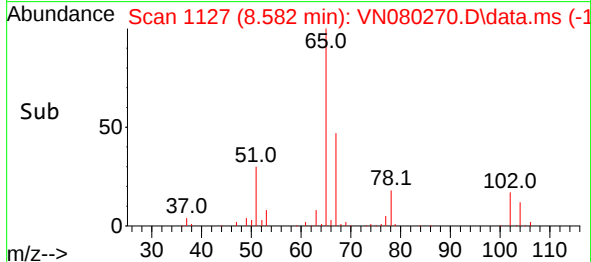
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



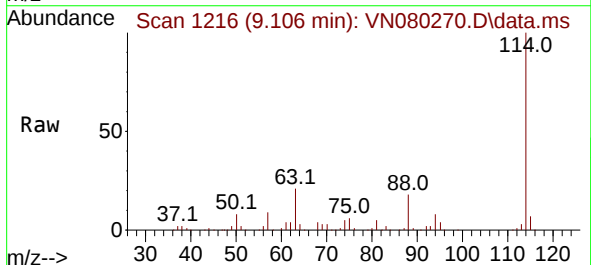
Tgt Ion: 65 Resp: 237815
Ion Ratio Lower Upper
65 100
67 47.9 0.0 106.6

Manual Integrations
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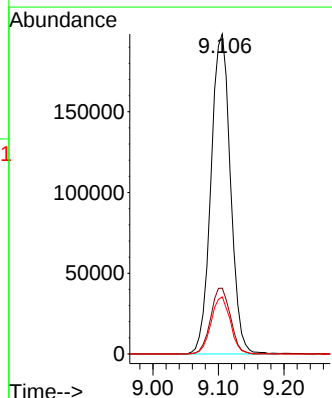
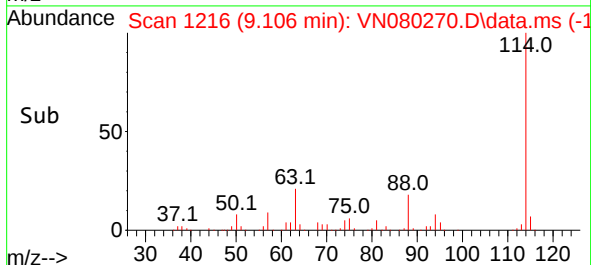
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

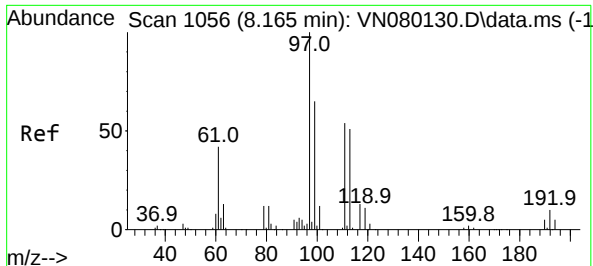


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04



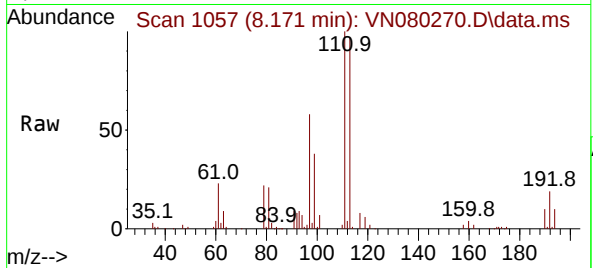
Tgt Ion:114 Resp: 408607
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.4
88 17.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 56.035 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

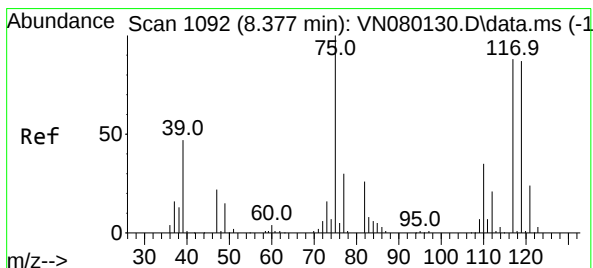
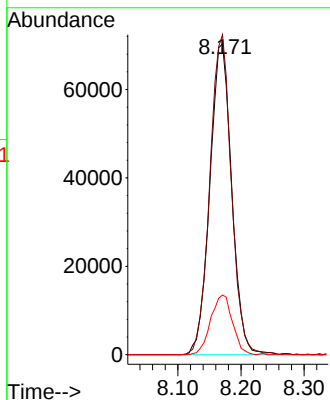
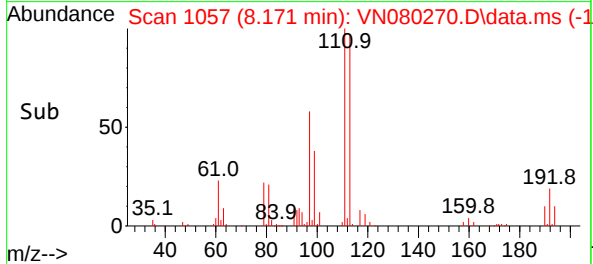
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



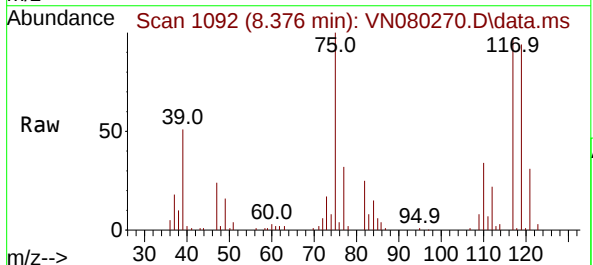
Tgt Ion:113 Resp: 16894
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 19.1 12.7 19.1

Manual Integrations
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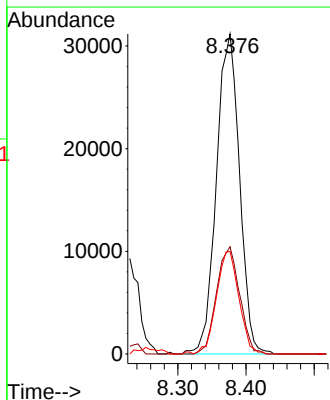
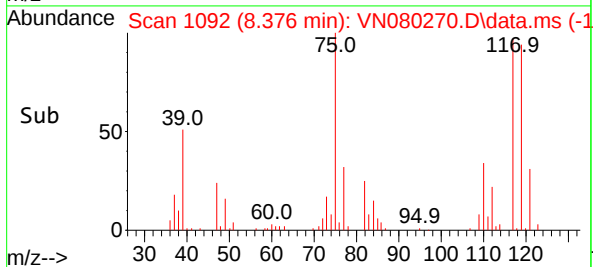
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

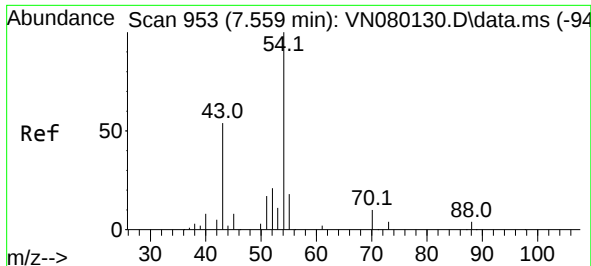


#36
1,1-Dichloropropene
Concen: 16.896 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04



Tgt Ion: 75 Resp: 73755
Ion Ratio Lower Upper
75 100
110 33.3 19.1 57.3
77 31.1 25.0 37.4





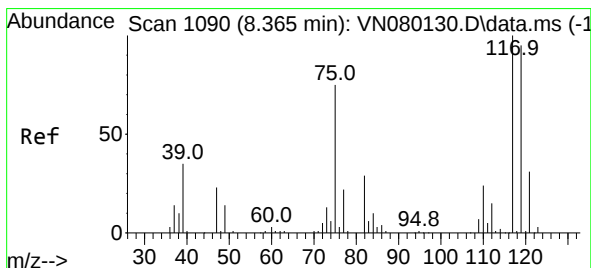
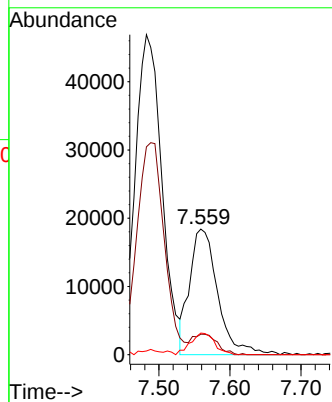
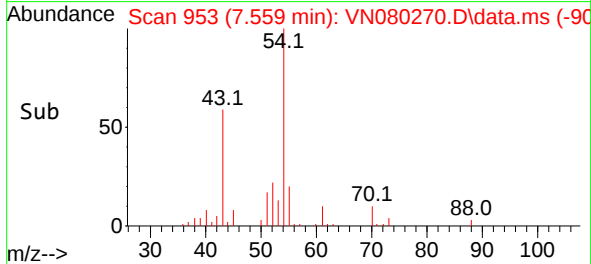
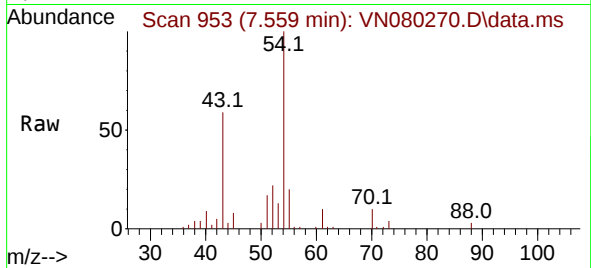
#37
Ethyl Acetate
Concen: 16.763 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion: 43 Resp: 50754
Ion Ratio Lower Upper
43 100
61 14.2 13.2 19.8
70 14.6 11.3 16.9

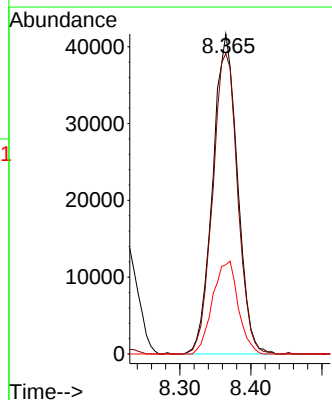
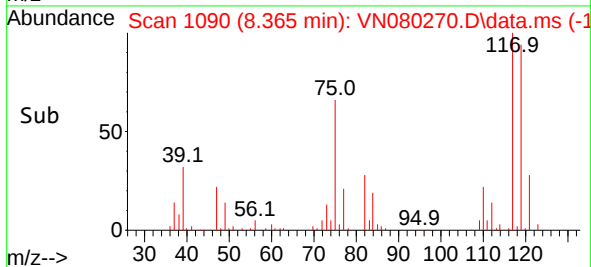
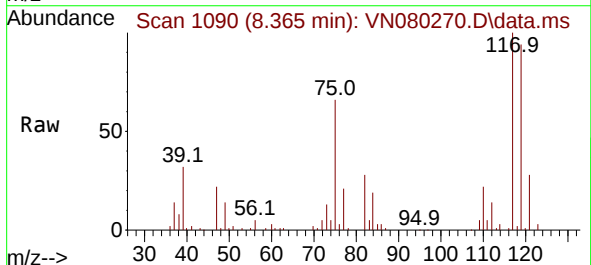
Manual Integrations
APPROVED

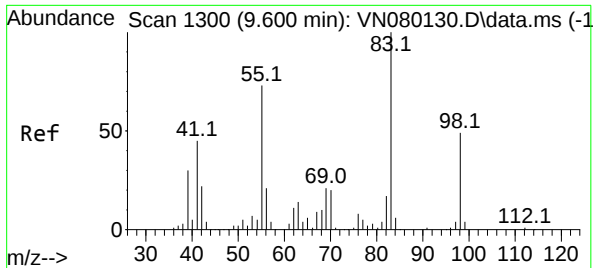
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#38
Carbon Tetrachloride
Concen: 18.142 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Tgt Ion:117 Resp: 100497
Ion Ratio Lower Upper
117 100
119 93.9 77.3 115.9
121 27.9 23.3 34.9





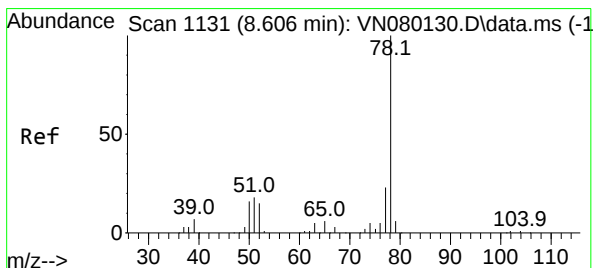
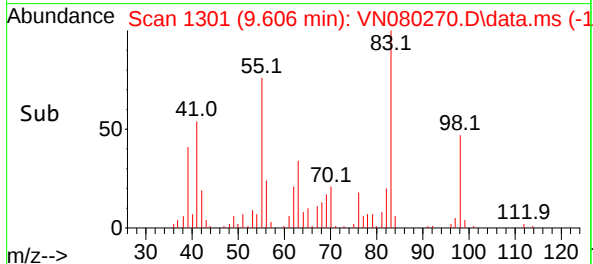
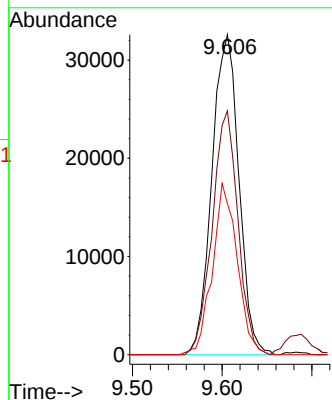
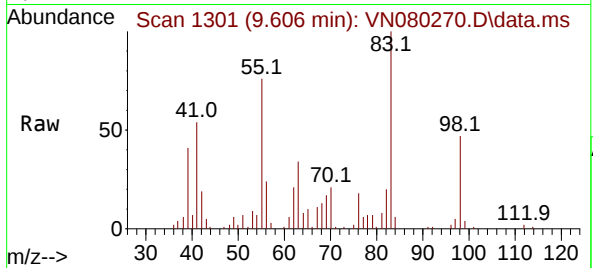
#39
Methylcyclohexane
Concen: 16.164 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion: 83 Resp: 6803
Ion Ratio Lower Upper
83 100
55 76.2 49.1 73.7
98 47.2 40.6 61.0

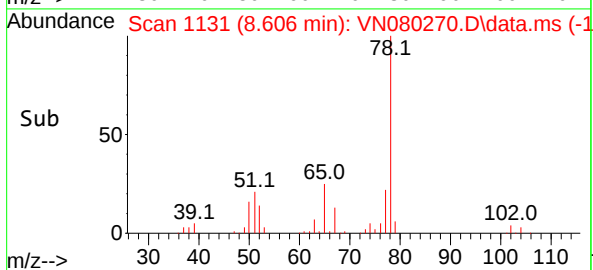
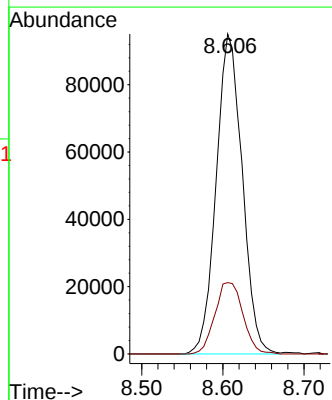
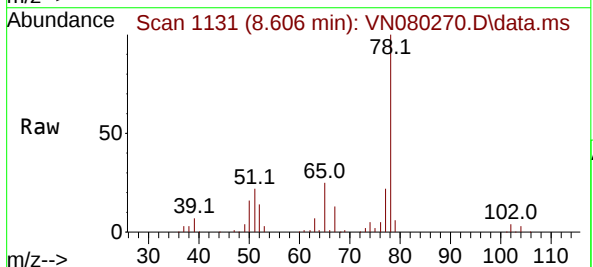
Manual Integrations
APPROVED

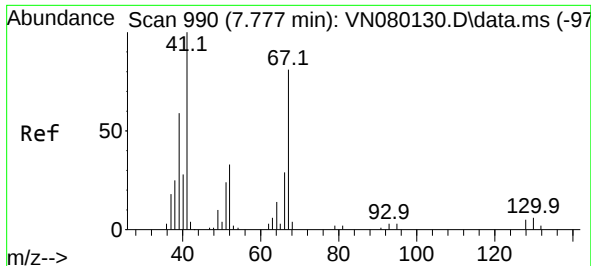
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#40
Benzene
Concen: 17.067 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

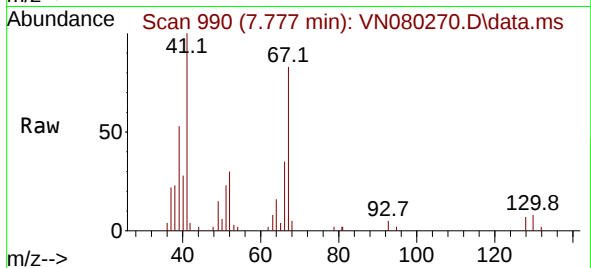
Tgt Ion: 78 Resp: 211731
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.6





#41
Methacrylonitrile
Concen: 16.735 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

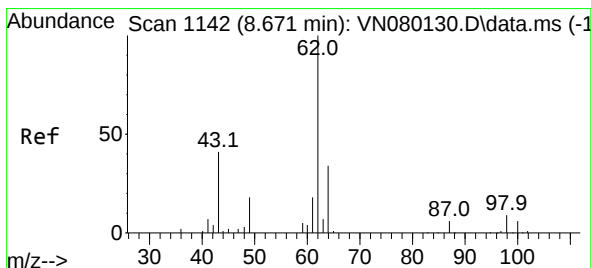
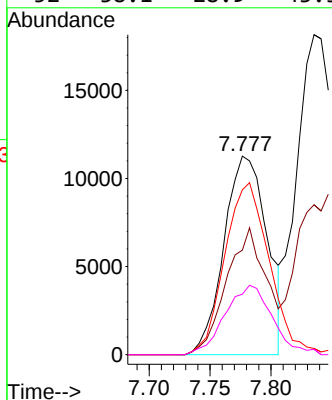
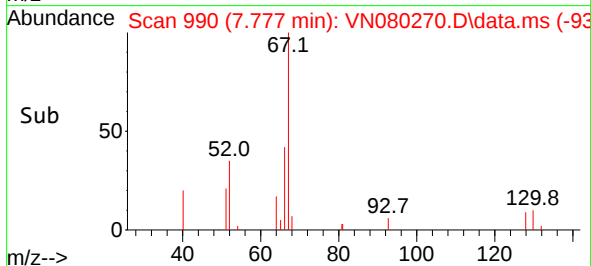
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



Tgt Ion: 41 Resp: 2782
Ion Ratio Lower Upper
41 100
39 59.0 42.6 64.0
67 89.6 77.5 116.3
52 38.1 28.9 43.3

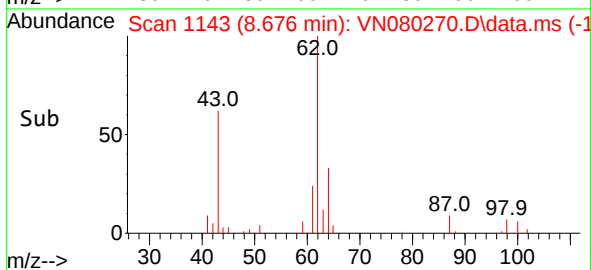
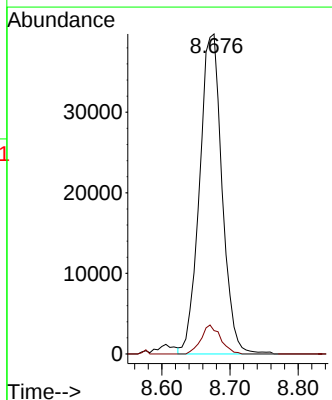
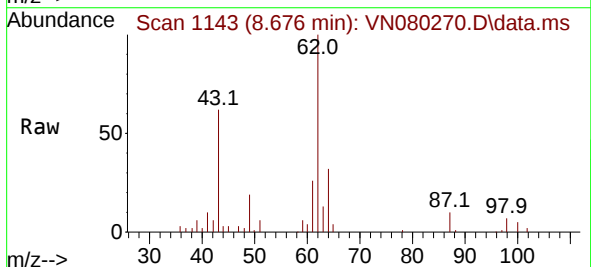
Manual Integrations
APPROVED

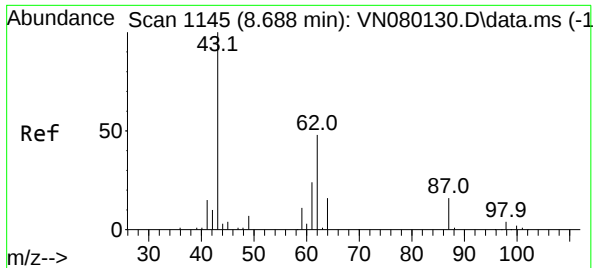
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#42
1,2-Dichloroethane
Concen: 17.986 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Tgt Ion: 62 Resp: 91289
Ion Ratio Lower Upper
62 100
98 7.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 14.119 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080270.D

Acq: 27 Nov 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN1127MBS02

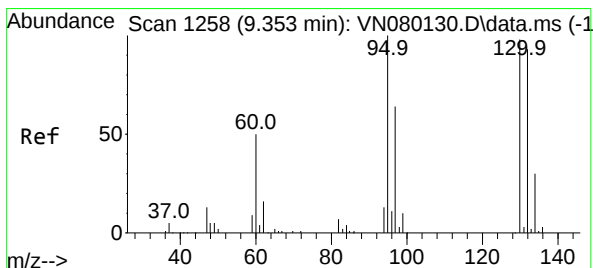
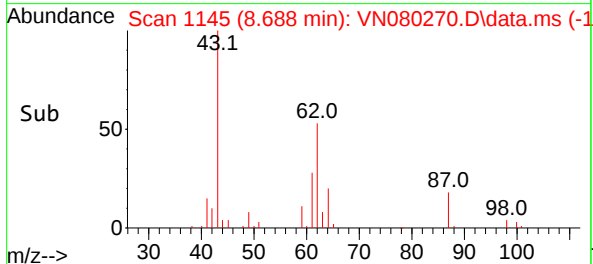
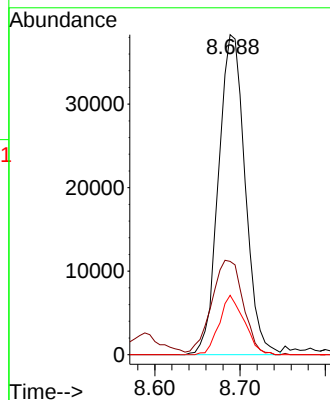
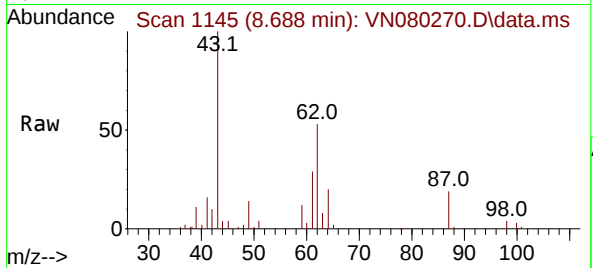
Tgt Ion: 43	Resp: 83189
Ion Ratio	Lower Upper
43	100
61	35.0 24.7 37.1
87	17.4 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#44

Trichloroethene

Concen: 17.085 ug/l

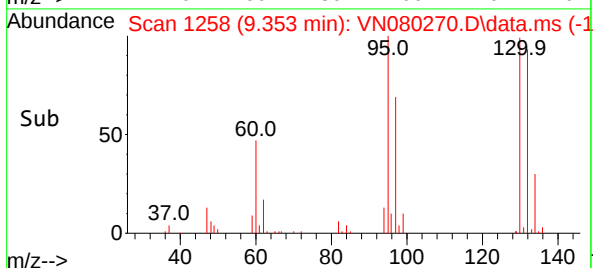
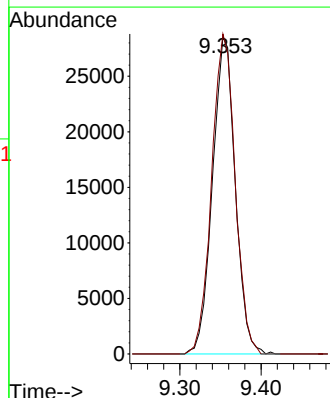
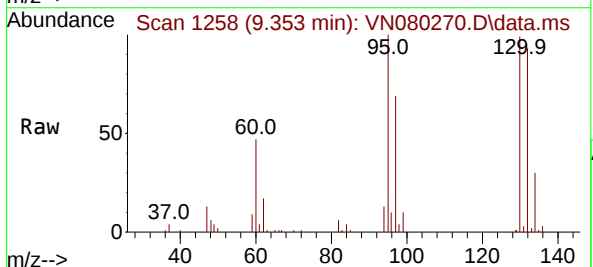
RT: 9.353 min Scan# 1258

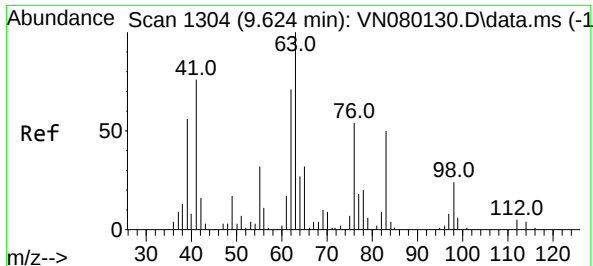
Delta R.T. -0.000 min

Lab File: VN080270.D

Acq: 27 Nov 2023 13:04

Tgt Ion:130	Resp: 55600
Ion Ratio	Lower Upper
130	100
95	101.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 16.533 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080270.D

Acq: 27 Nov 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN1127MBS02

Tgt Ion: 63 Resp: 4766

Ion Ratio Lower Upper

63 100

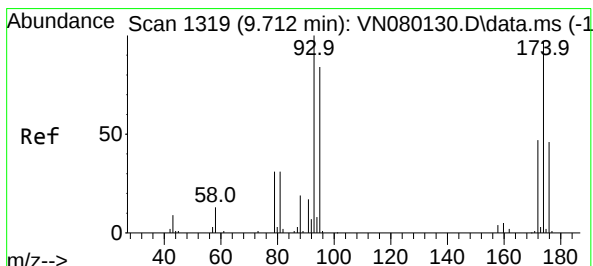
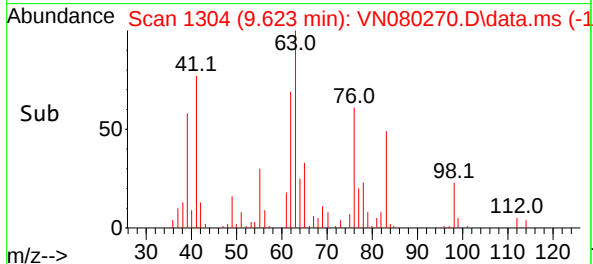
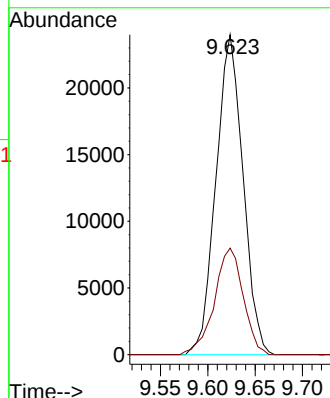
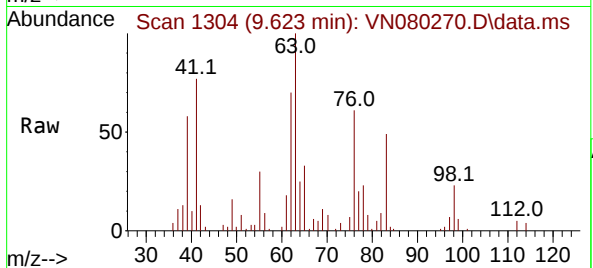
65 33.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#46

Dibromomethane

Concen: 17.786 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080270.D

Acq: 27 Nov 2023 13:04

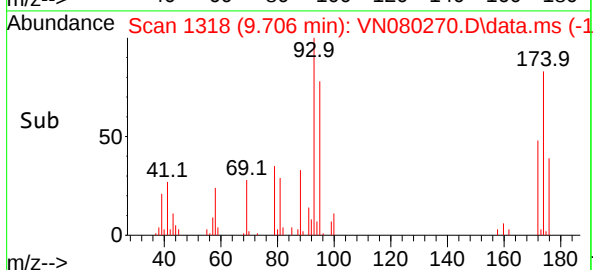
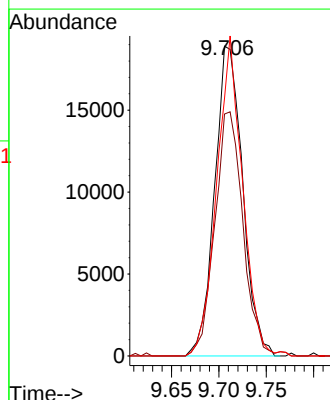
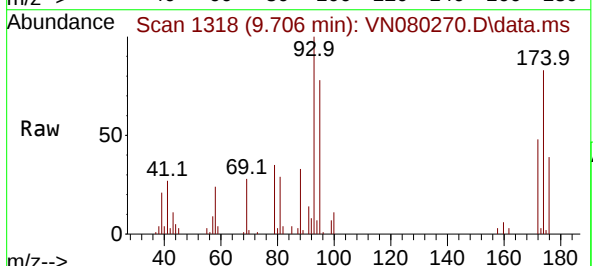
Tgt Ion: 93 Resp: 38816

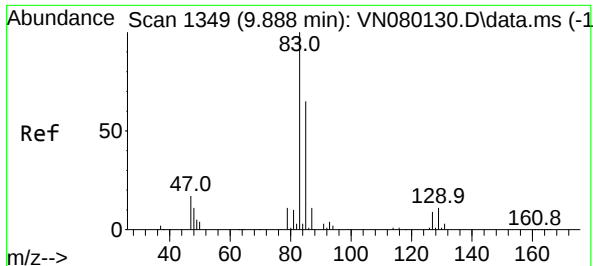
Ion Ratio Lower Upper

93 100

95 79.6 63.8 95.8

174 94.9 65.6 98.4





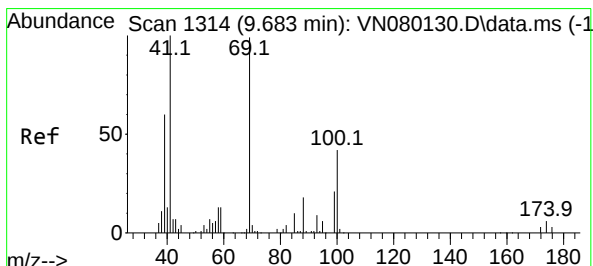
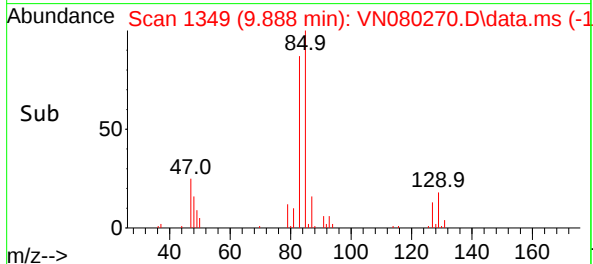
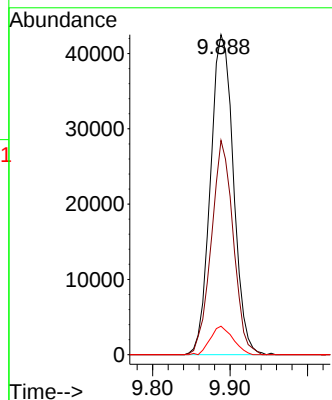
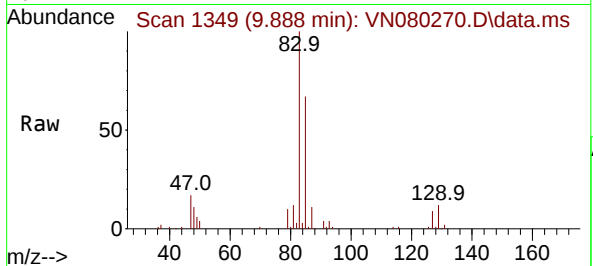
#47
Bromodichloromethane
Concen: 18.222 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion: 83 Resp: 87480
Ion Ratio Lower Upper
83 100
85 66.9 49.6 74.4
127 8.9 7.0 10.6

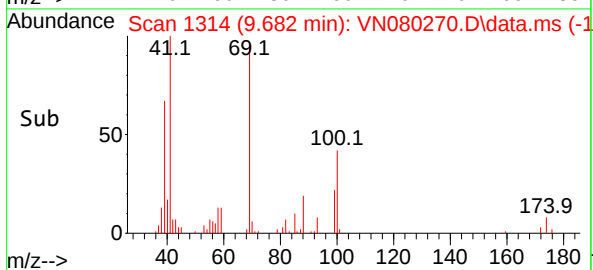
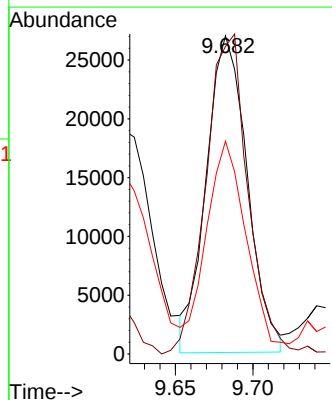
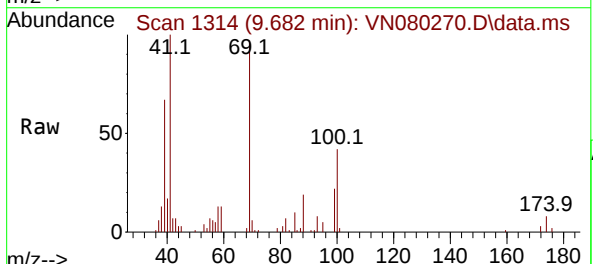
Manual Integrations
APPROVED

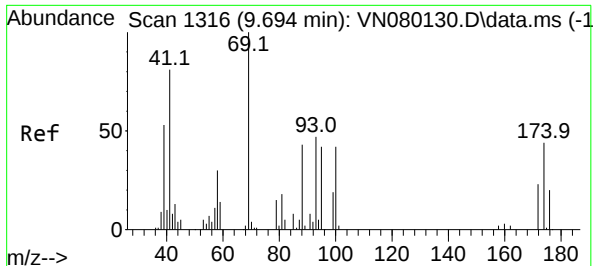
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#48
Methyl methacrylate
Concen: 16.327 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Tgt Ion: 41 Resp: 49574
Ion Ratio Lower Upper
41 100
69 104.2 90.4 135.6
39 66.9 54.6 81.8





#49

1,4-Dioxane

Concen: 339.848 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080270.D

Acq: 27 Nov 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN1127MBS02

Tgt Ion: 88 Resp: 1716

Ion Ratio Lower Upper

88 100

43 28.7 17.0 25.6

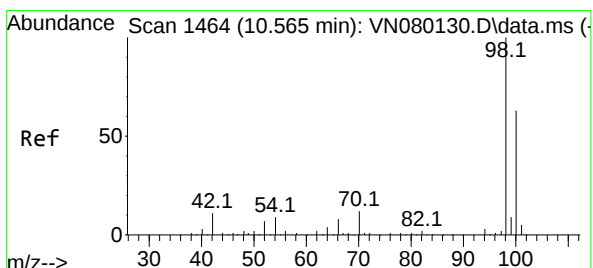
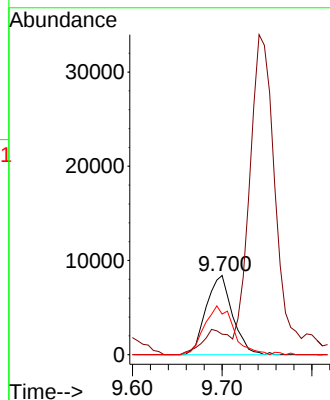
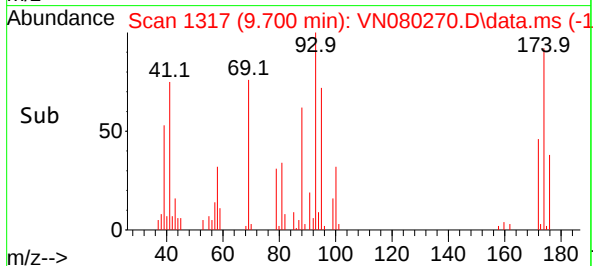
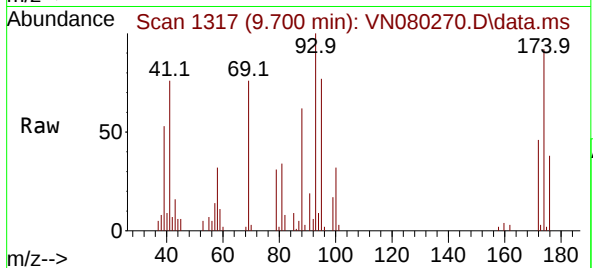
58 67.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#50

Toluene-d8

Concen: 55.667 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080270.D

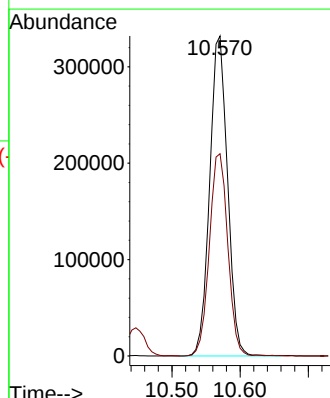
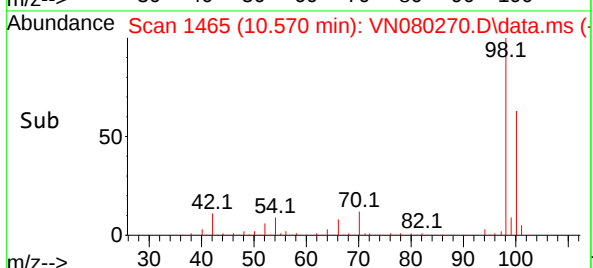
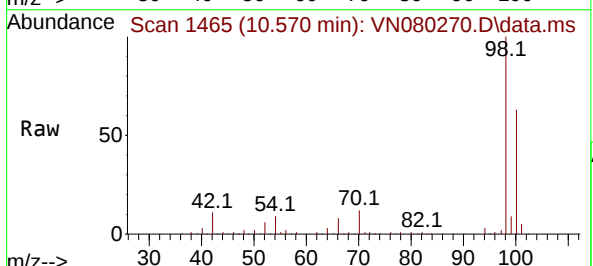
Acq: 27 Nov 2023 13:04

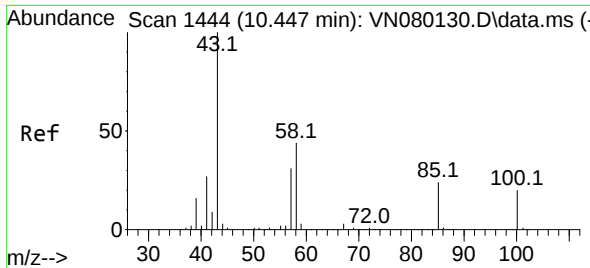
Tgt Ion: 98 Resp: 605016

Ion Ratio Lower Upper

98 100

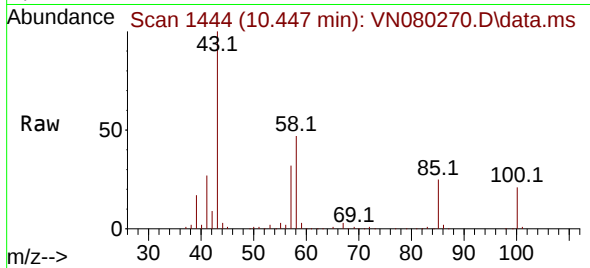
100 65.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 83.908 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

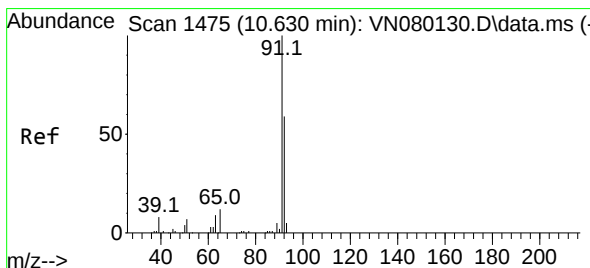
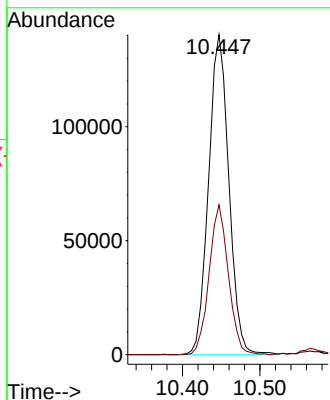
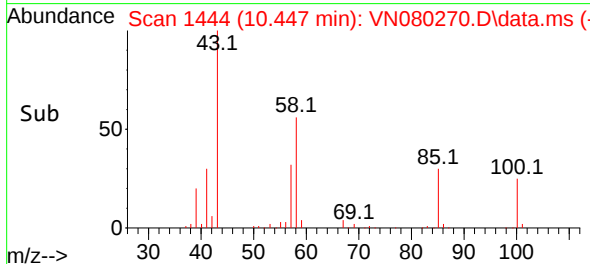
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



Tgt Ion: 43 Resp: 255950
Ion Ratio Lower Upper
43 100
58 44.5 36.6 54.8

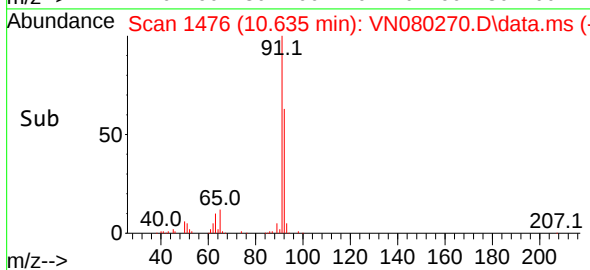
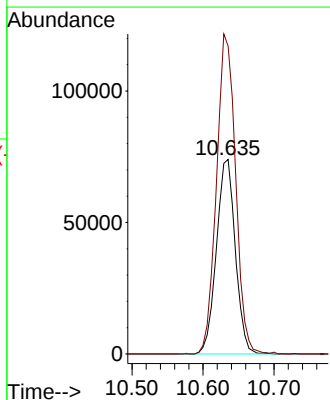
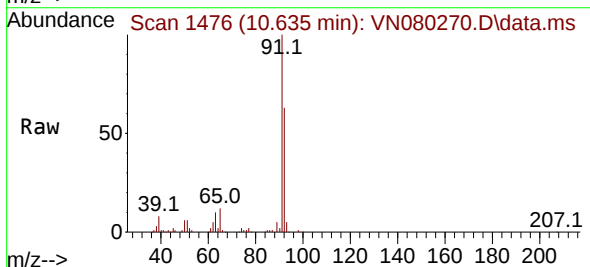
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#52
Toluene
Concen: 17.586 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Tgt Ion: 92 Resp: 136541
Ion Ratio Lower Upper
92 100
91 166.1 137.4 206.0





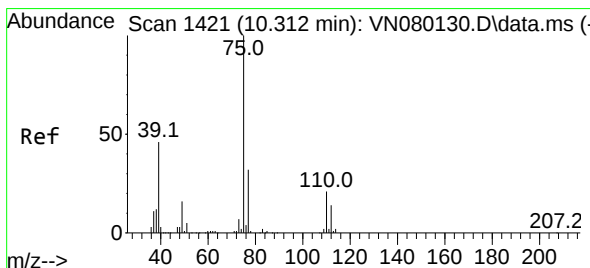
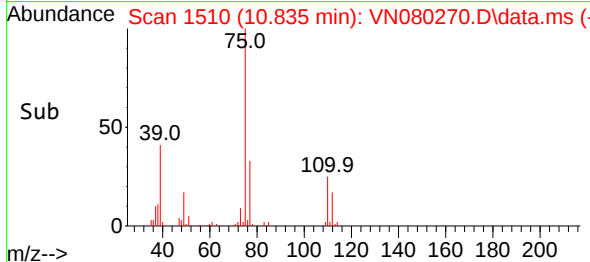
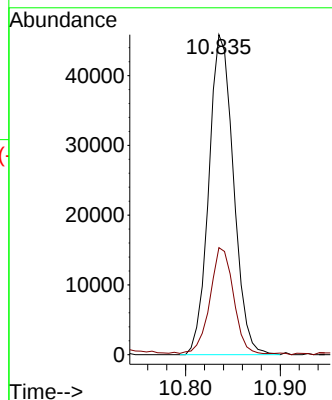
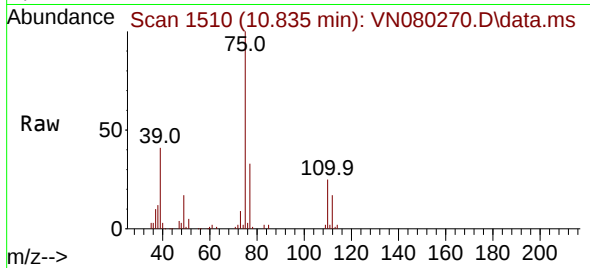
#53
t-1,3-Dichloropropene
Concen: 16.827 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion: 75 Resp: 82990
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0

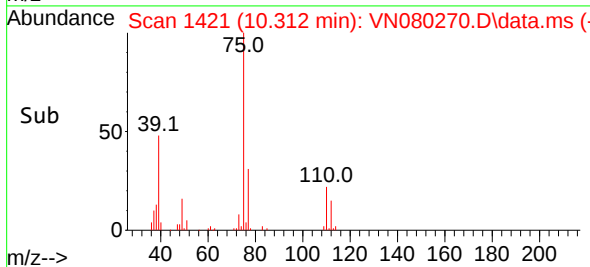
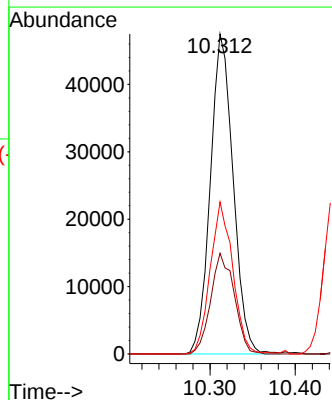
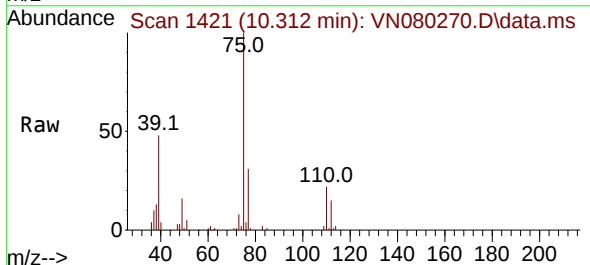
Manual Integrations
APPROVED

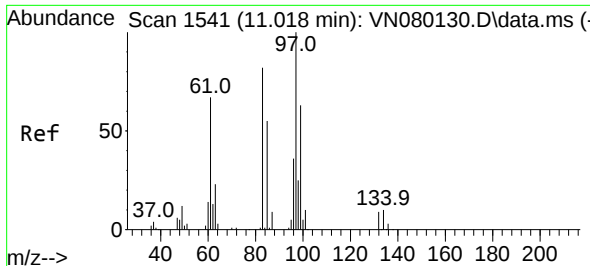
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#54
cis-1,3-Dichloropropene
Concen: 17.559 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

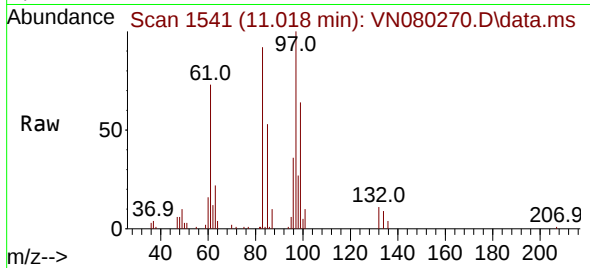
Tgt Ion: 75 Resp: 88482
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
39 47.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 17.582 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

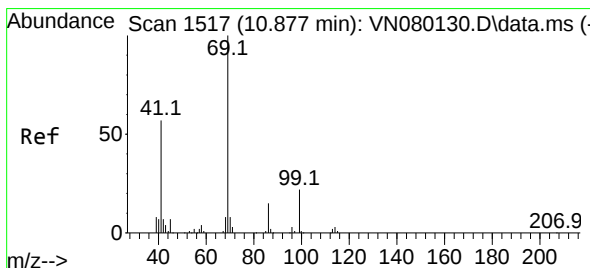
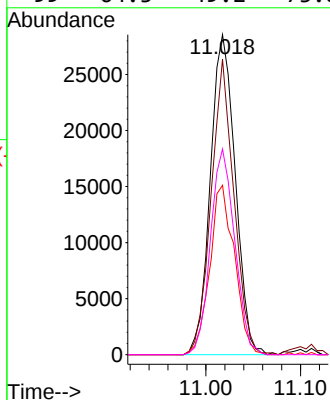
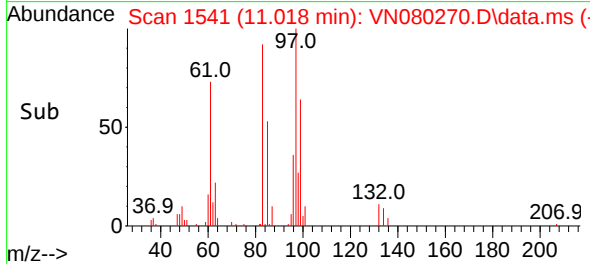
Instrument : MSVOA_N
ClientSampleId : VN1127MBS02



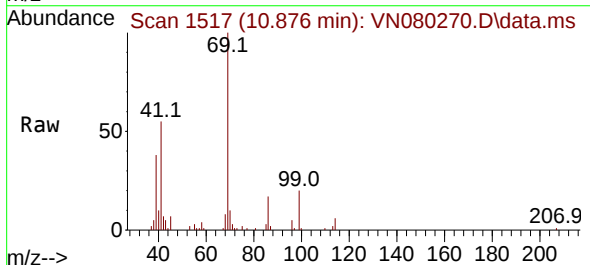
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.4	65.1	97.7
85	52.9	43.4	65.2
99	64.3	49.2	73.8

Manual Integrations
APPROVED

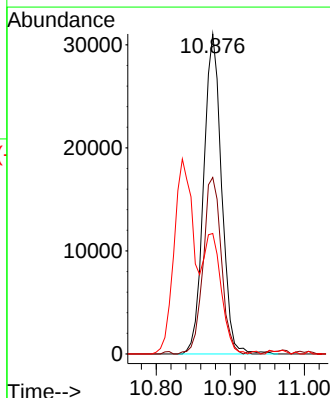
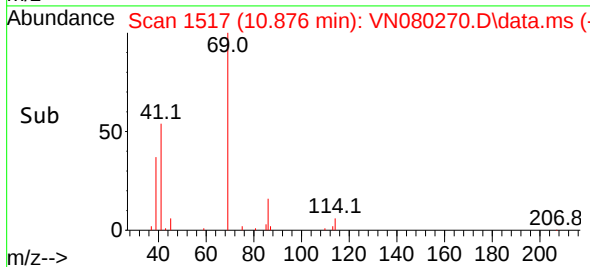
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

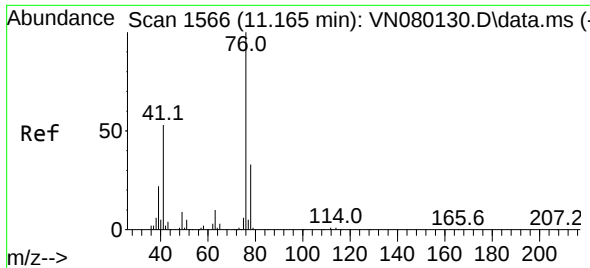


#56
Ethyl methacrylate
Concen: 17.205 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04



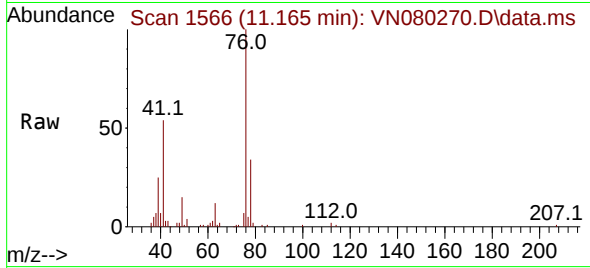
Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.0	39.6	59.4
39	36.7	28.6	43.0





#57
1,3-Dichloropropane
Concen: 16.911 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

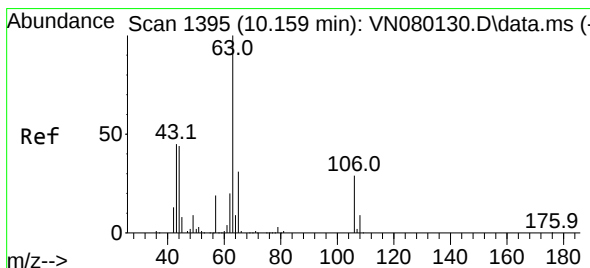
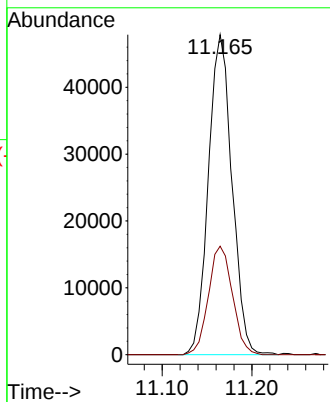
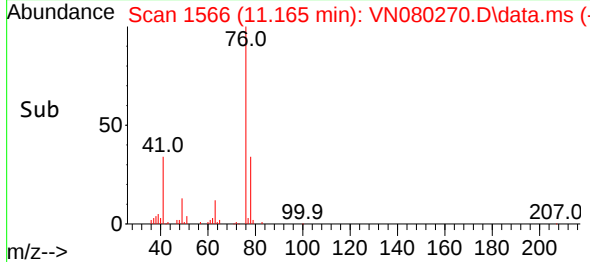
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



Tgt Ion: 76 Resp: 87495
Ion Ratio Lower Upper
76 100
78 34.4 26.1 39.1

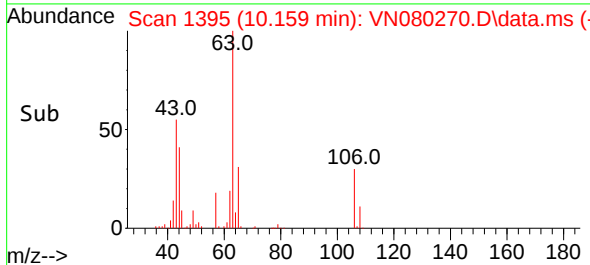
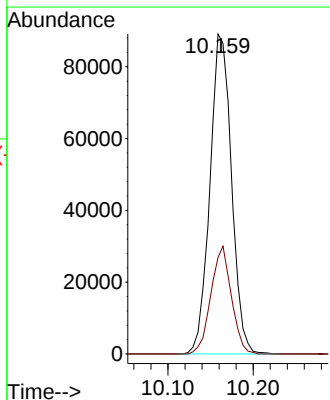
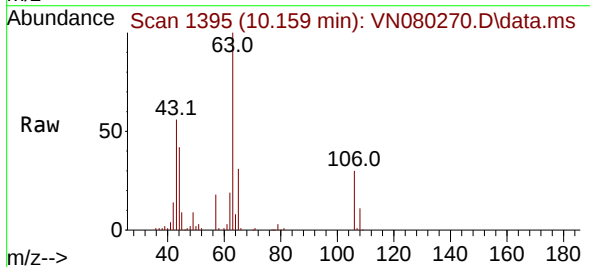
Manual Integrations
APPROVED

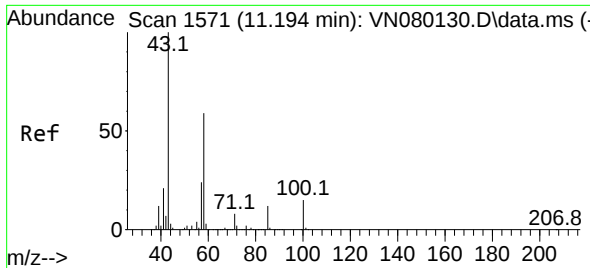
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 92.033 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

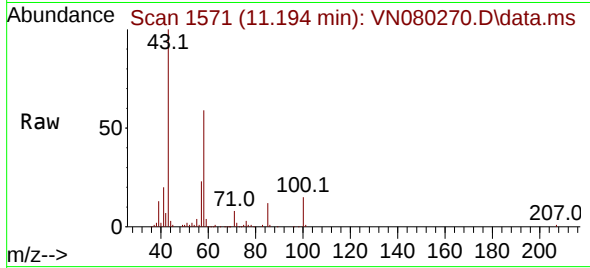
Tgt Ion: 63 Resp: 156960
Ion Ratio Lower Upper
63 100
106 31.8 26.2 39.4





#59
2-Hexanone
Concen: 78.825 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

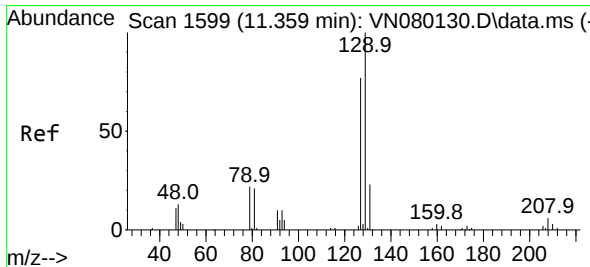
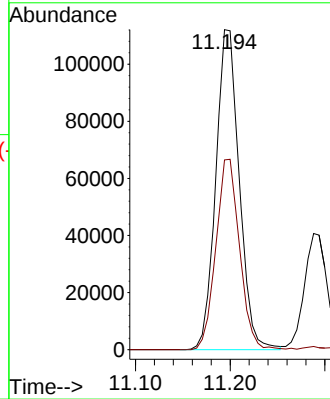
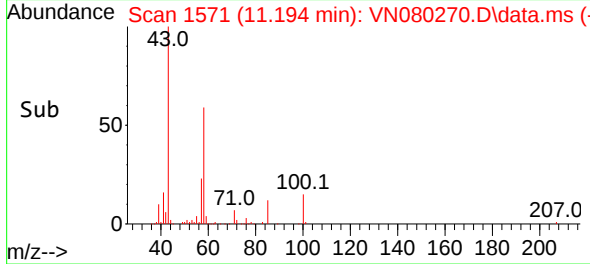
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



Tgt Ion: 43 Resp: 193210
Ion Ratio Lower Upper
43 100
58 60.0 31.7 95.1

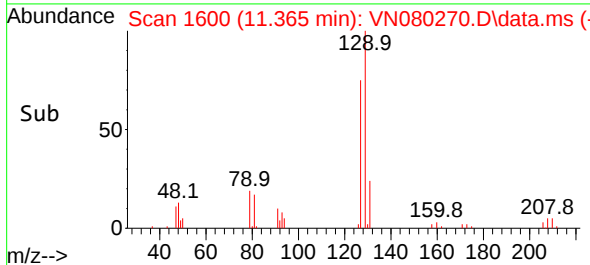
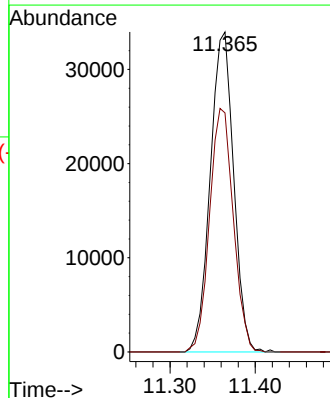
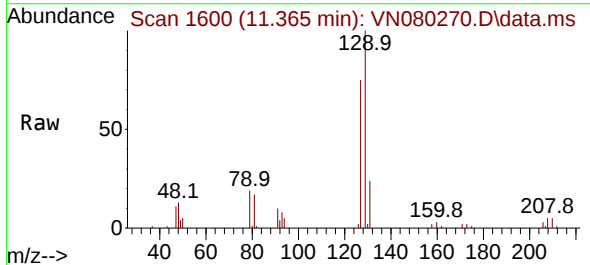
Manual Integrations
APPROVED

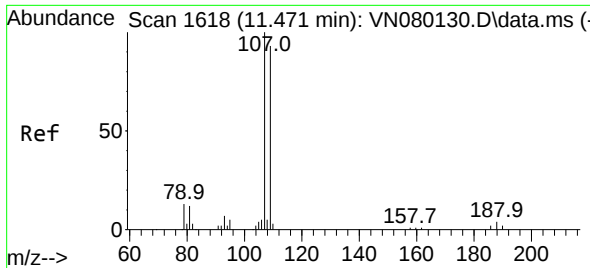
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#60
Dibromochloromethane
Concen: 18.237 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Tgt Ion:129 Resp: 64701
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





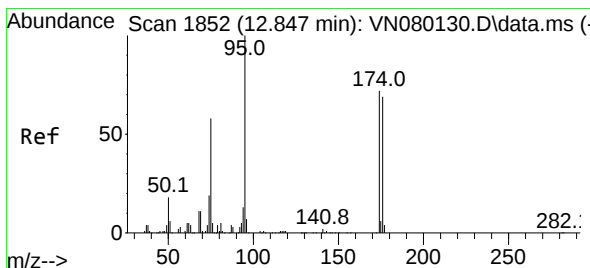
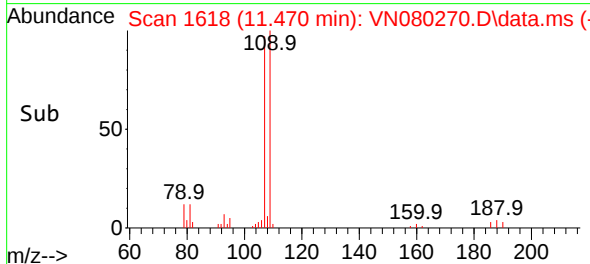
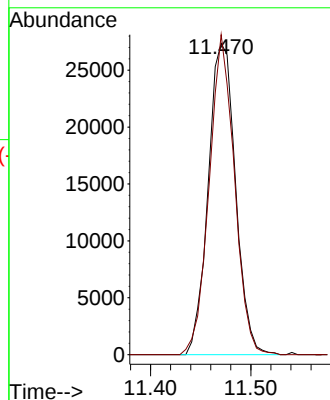
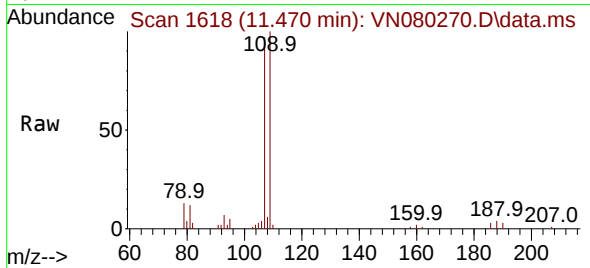
#61
1,2-Dibromoethane
Concen: 17.144 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion:107 Resp: 51828
Ion Ratio Lower Upper
107 100
109 94.8 76.6 114.8

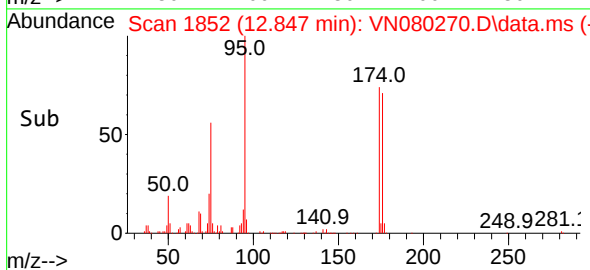
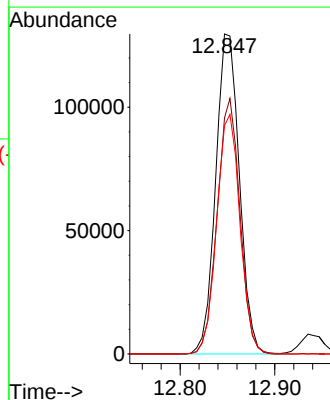
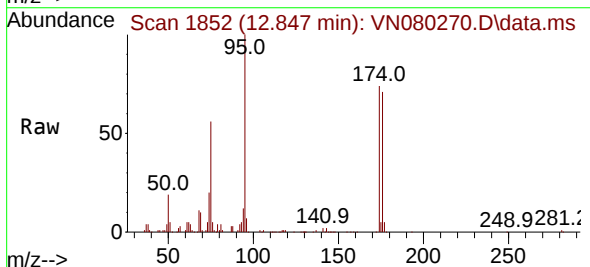
Manual Integrations
APPROVED

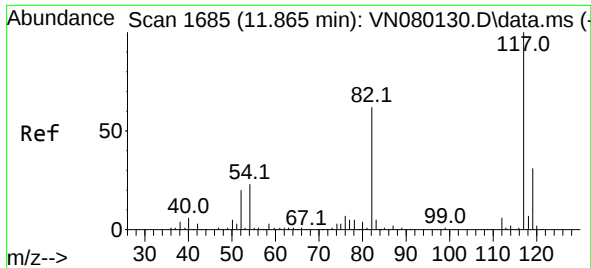
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#62
4-Bromofluorobenzene
Concen: 55.003 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

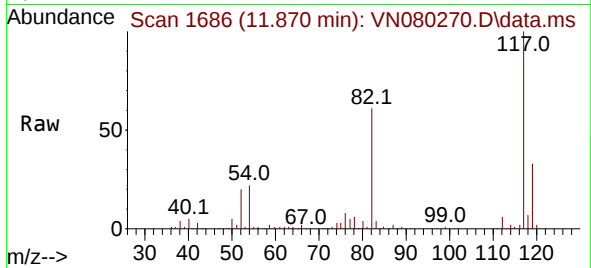
Tgt Ion: 95 Resp: 225797
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 73.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

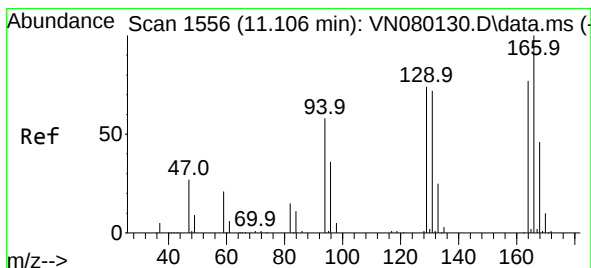
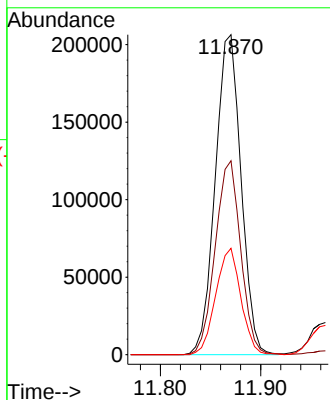
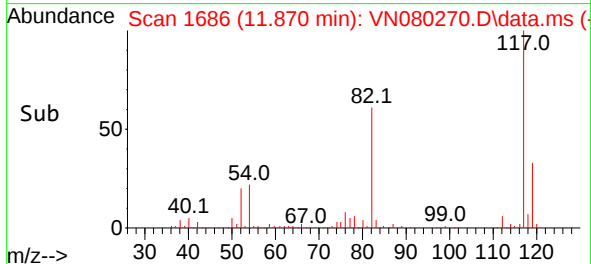
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



Tgt Ion:117 Resp: 36880
Ion Ratio Lower Upper
117 100
82 60.6 44.0 66.0
119 33.2 25.6 38.4

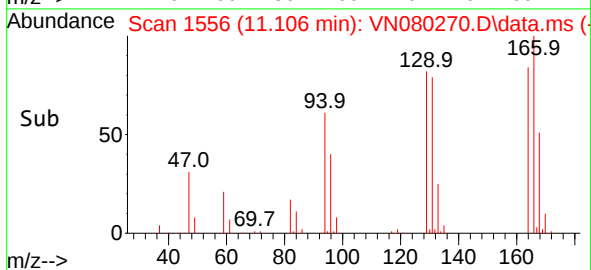
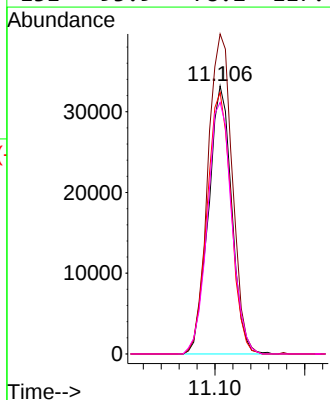
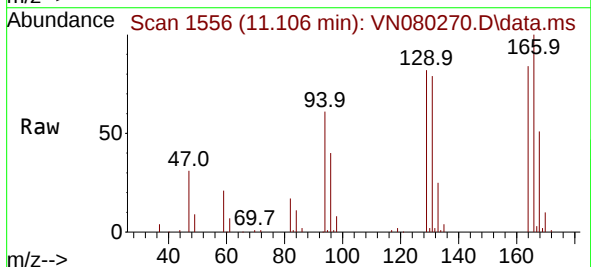
Manual Integrations
APPROVED

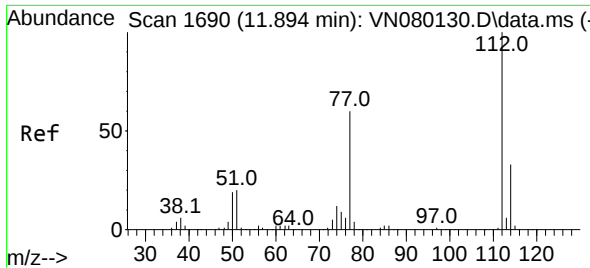
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#64
Tetrachloroethene
Concen: 21.208 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Tgt Ion:164 Resp: 59693
Ion Ratio Lower Upper
164 100
166 119.4 101.4 152.0
129 97.6 82.4 123.6
131 93.9 78.2 117.4





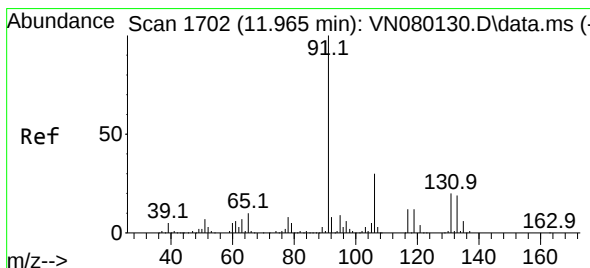
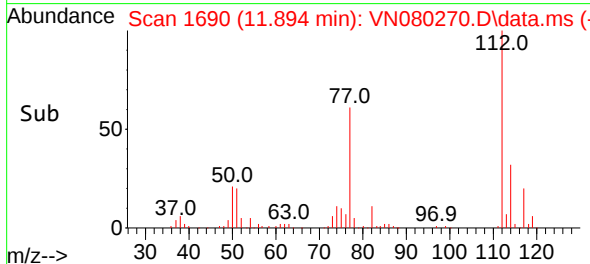
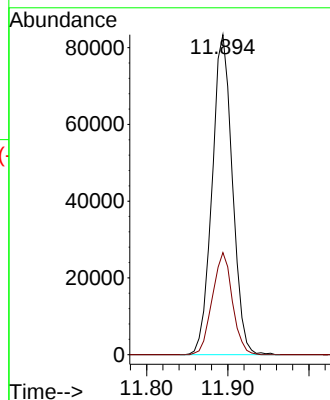
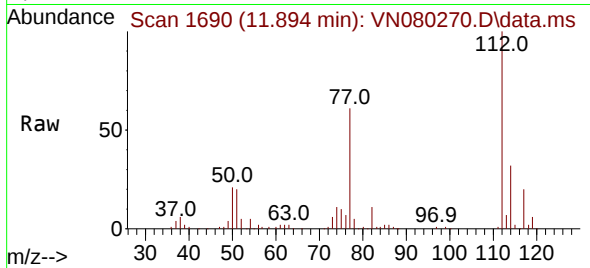
#65
Chlorobenzene
Concen: 17.305 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion:112 Resp: 144610
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

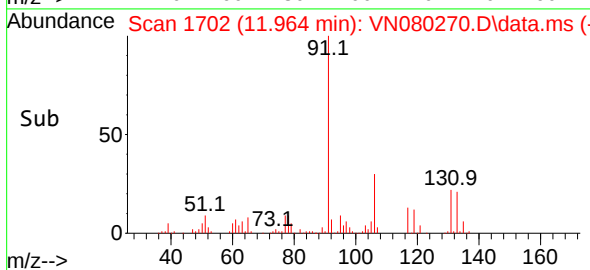
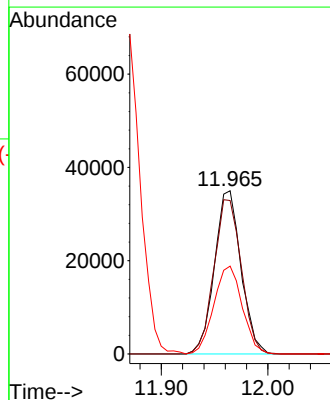
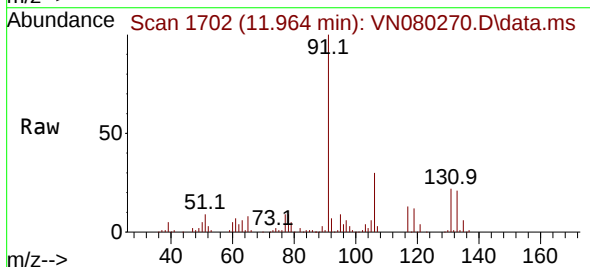
Manual Integrations
APPROVED

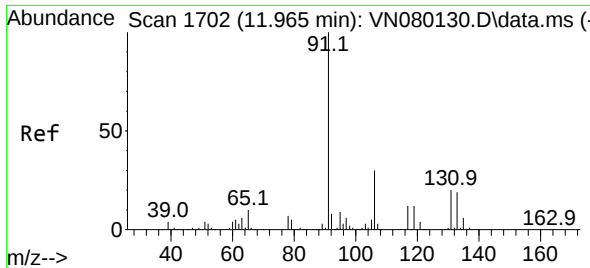
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.678 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Tgt Ion:131 Resp: 60573
Ion Ratio Lower Upper
131 100
133 97.5 46.4 139.1
119 57.5 34.1 102.2





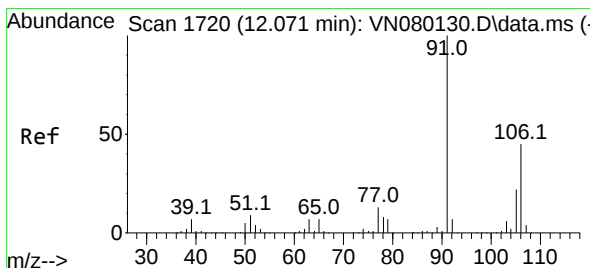
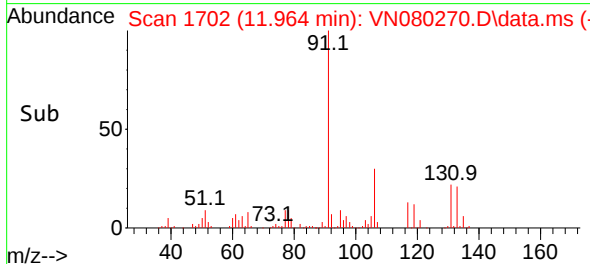
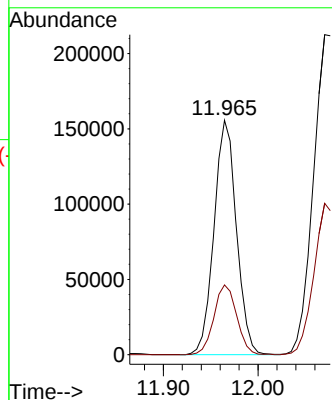
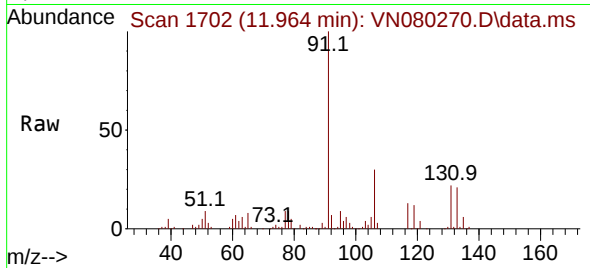
#67
Ethyl Benzene
Concen: 17.210 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion: 91 Resp: 25592
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

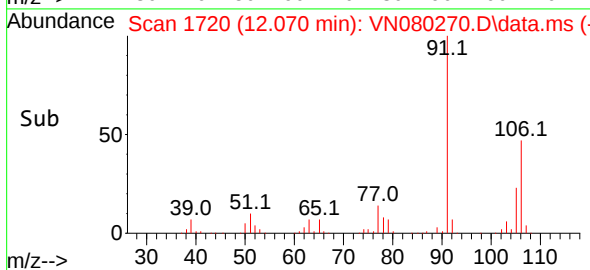
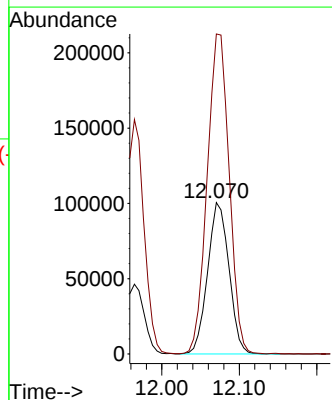
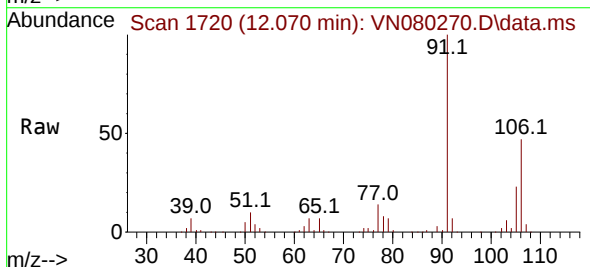
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#68
m/p-Xylenes
Concen: 35.516 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Tgt Ion:106 Resp: 192562
Ion Ratio Lower Upper
106 100
91 218.0 159.6 239.4





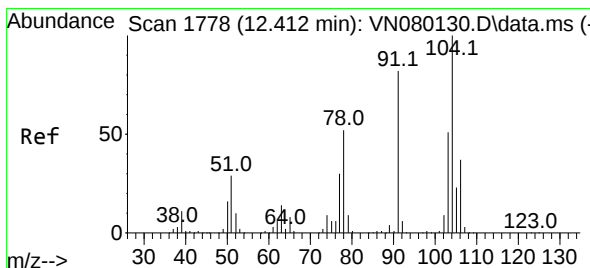
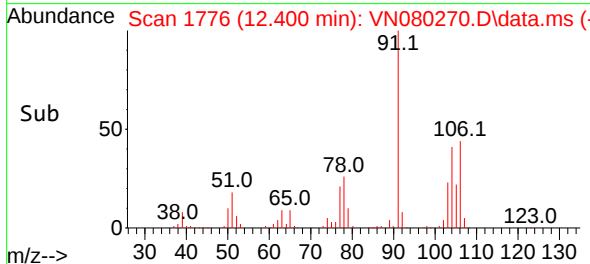
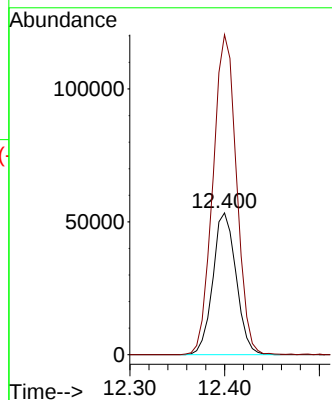
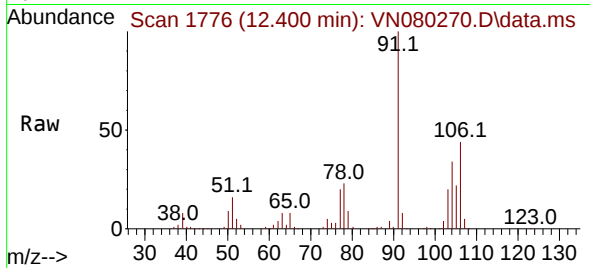
#69
o-Xylene
Concen: 17.775 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion:106 Resp: 9082
Ion Ratio Lower Upper
106 100
91 229.7 105.2 315.5

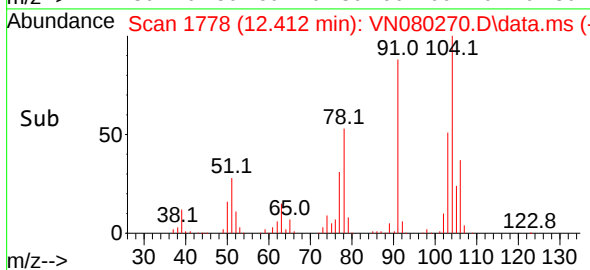
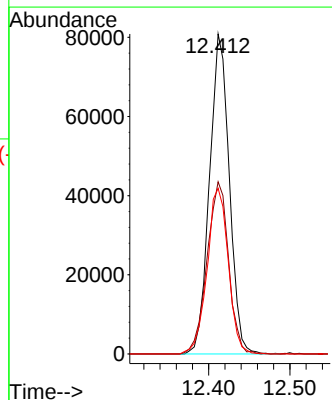
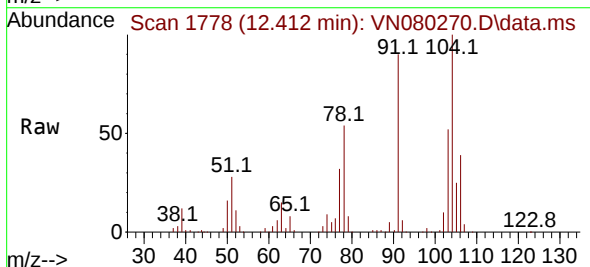
Manual Integrations
APPROVED

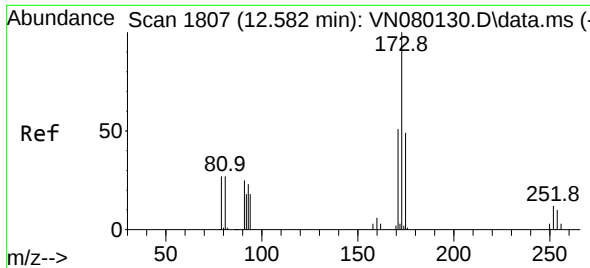
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#70
Styrene
Concen: 17.972 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Tgt Ion:104 Resp: 136679
Ion Ratio Lower Upper
104 100
78 58.5 39.5 59.3
103 55.3 43.2 64.8





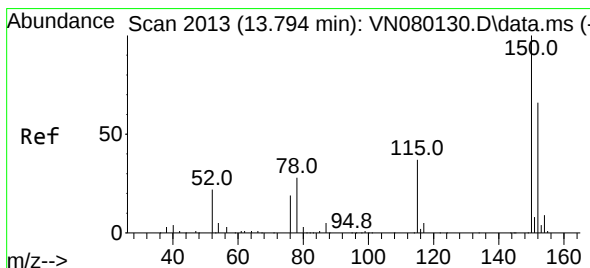
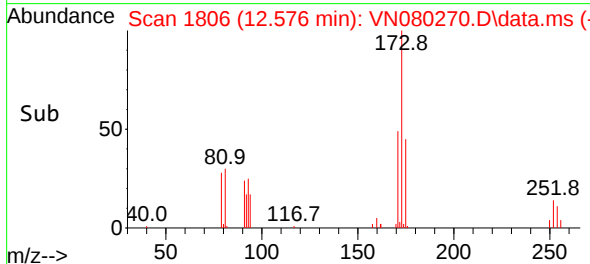
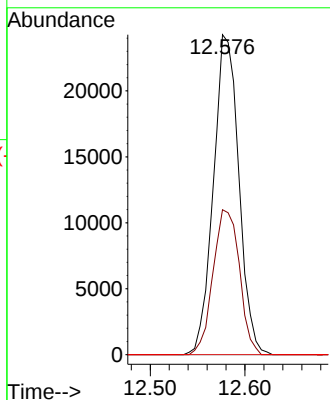
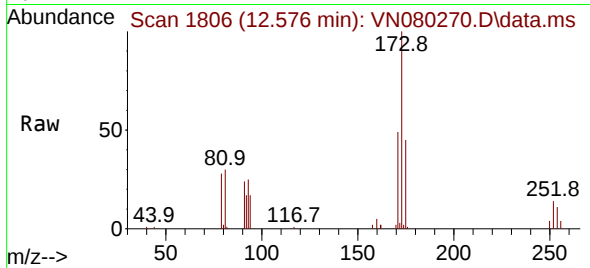
#71
Bromoform
Concen: 18.800 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion:173 Resp: 45214
Ion Ratio Lower Upper
173 100
175 47.1 24.3 73.0
254 0.0 0.0 0.0

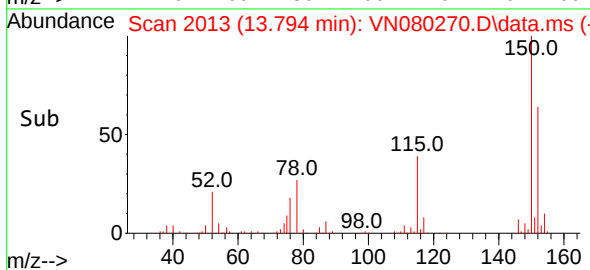
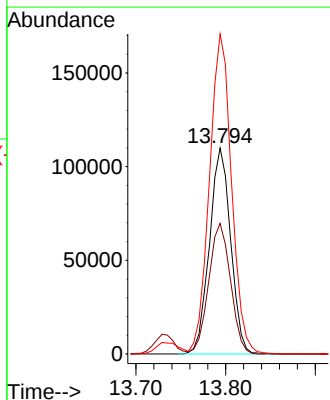
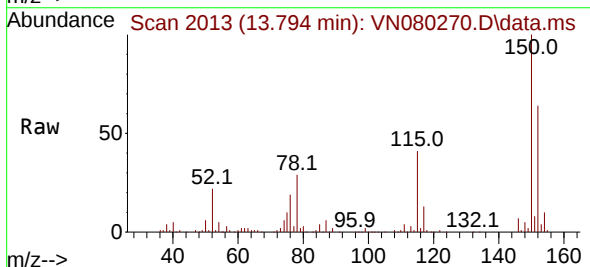
Manual Integrations
APPROVED

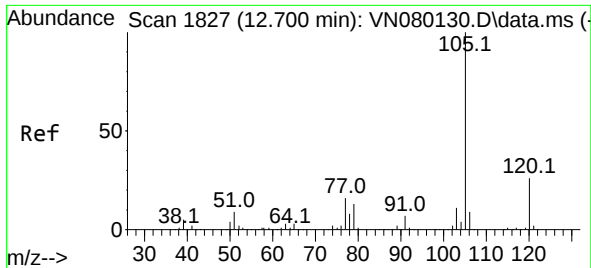
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Tgt Ion:152 Resp: 180160
Ion Ratio Lower Upper
152 100
115 65.1 32.3 96.8
150 161.8 0.0 355.8





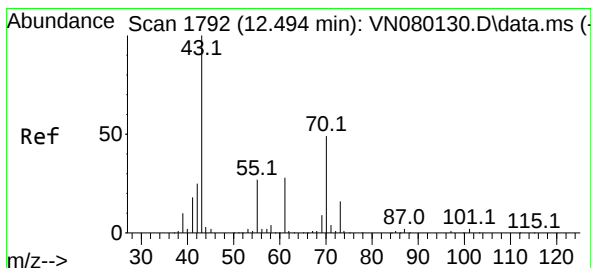
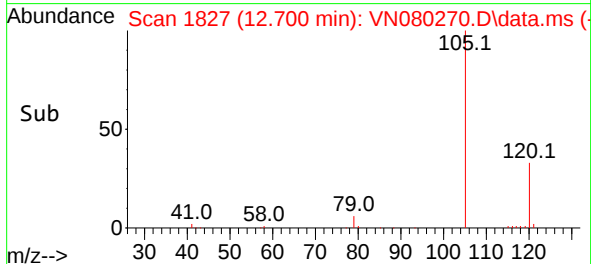
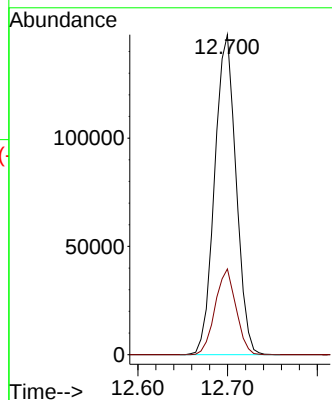
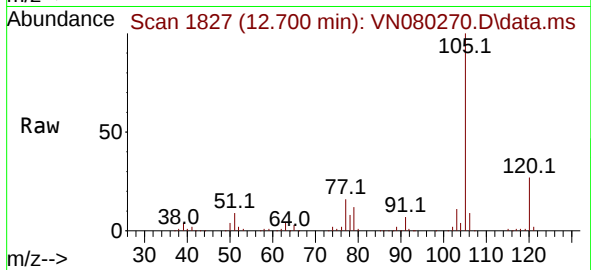
#73
Isopropylbenzene
Concen: 17.488 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion:105 Resp: 24482
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1

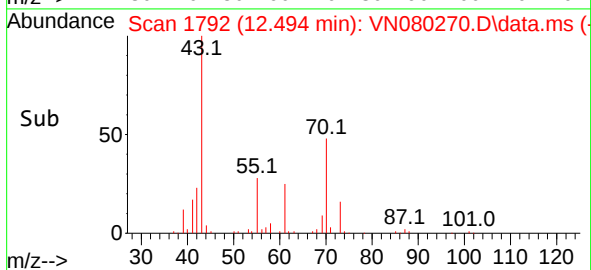
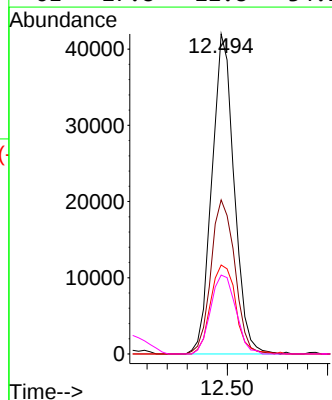
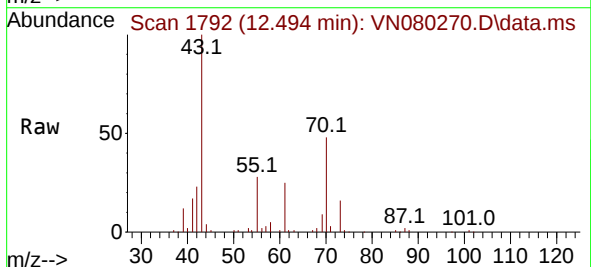
Manual Integrations
APPROVED

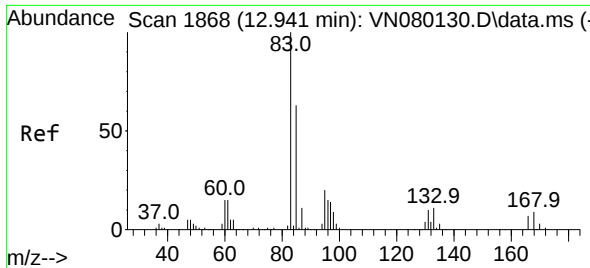
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#74
N-ethyl acetate
Concen: 14.789 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

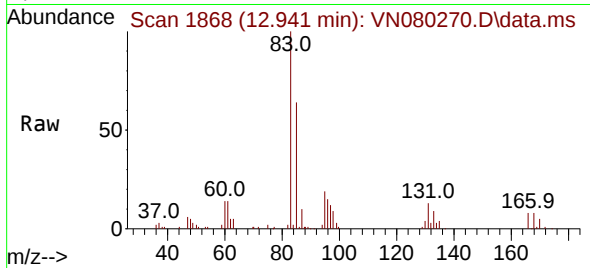
Tgt Ion: 43 Resp: 64565
Ion Ratio Lower Upper
43 100
70 51.8 43.4 65.2
55 31.6 21.4 32.0
61 27.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 15.566 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

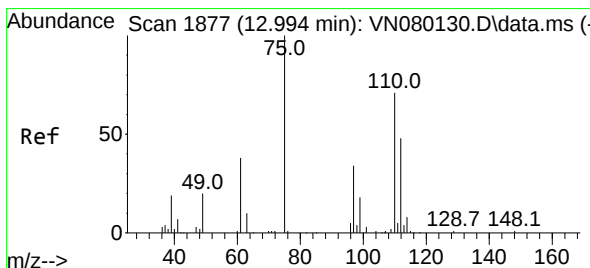
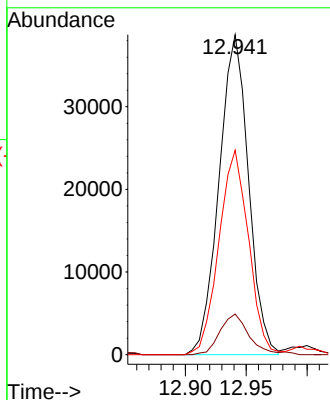
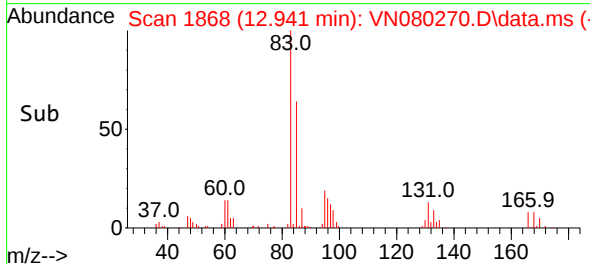
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



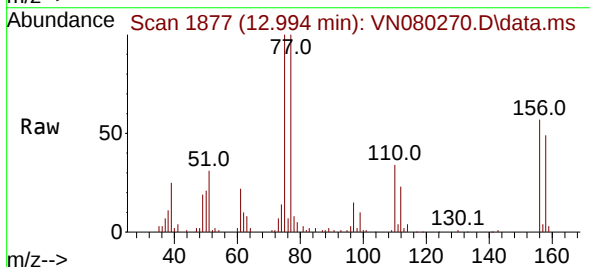
Tgt Ion: 83 Resp: 65224
Ion Ratio Lower Upper
83 100
131 12.6 5.0 15.0
85 64.3 31.9 95.7

Manual Integrations
APPROVED

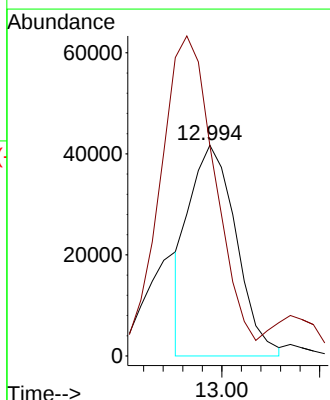
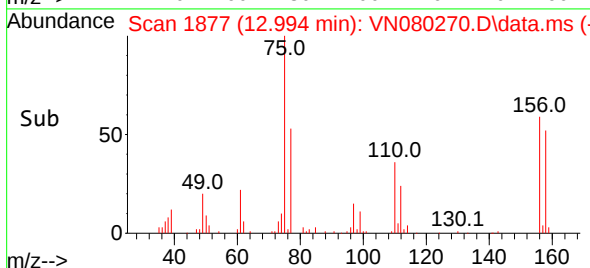
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

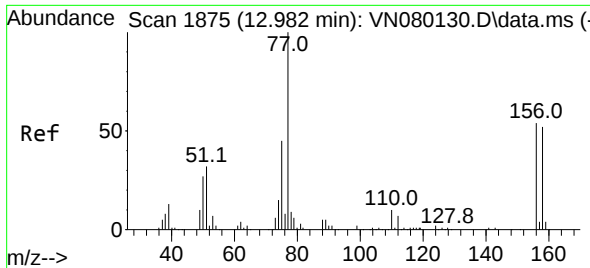


#76
1,2,3-Trichloropropane
Concen: 15.756 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04



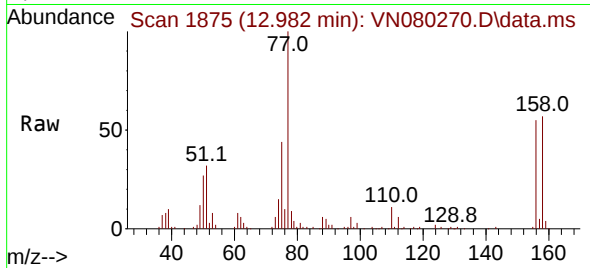
Tgt Ion: 75 Resp: 69551
Ion Ratio Lower Upper
75 100
77 180.2 84.5 253.5





#77
Bromobenzene
Concen: 17.721 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

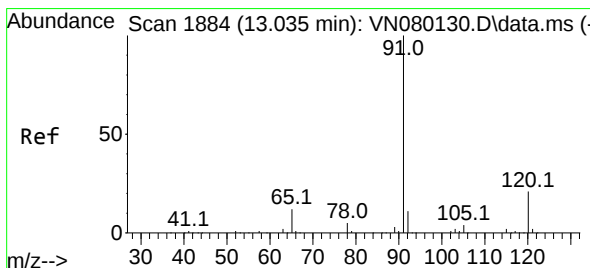
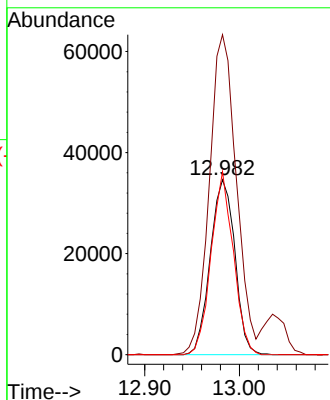
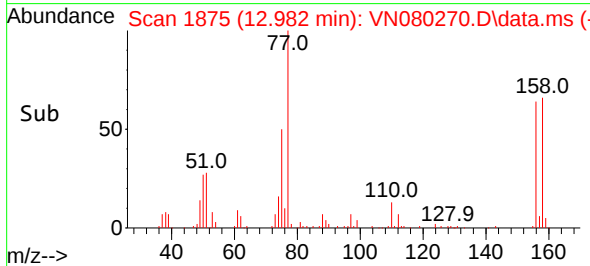
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



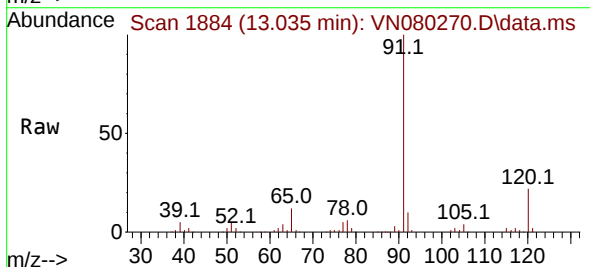
Tgt Ion:156 Resp: 62550
Ion Ratio Lower Upper
156 100
77 200.4 107.7 323.3
158 94.4 48.4 145.3

Manual Integrations
APPROVED

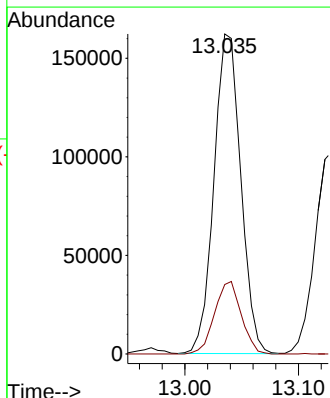
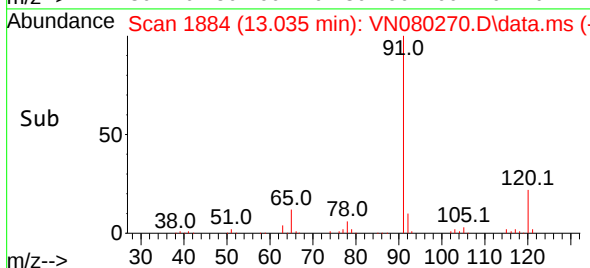
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

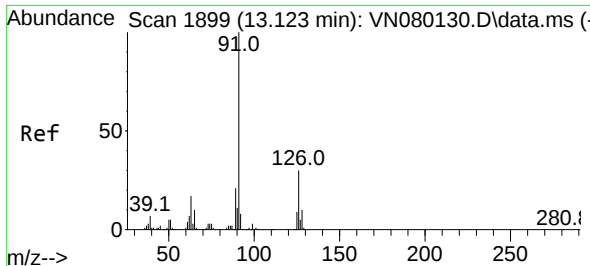


#78
n-propylbenzene
Concen: 17.002 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04



Tgt Ion: 91 Resp: 266174
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





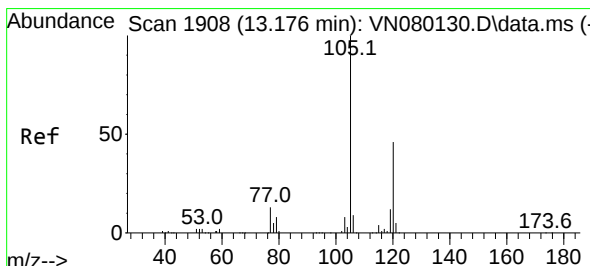
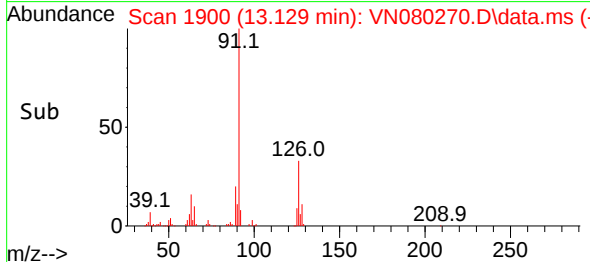
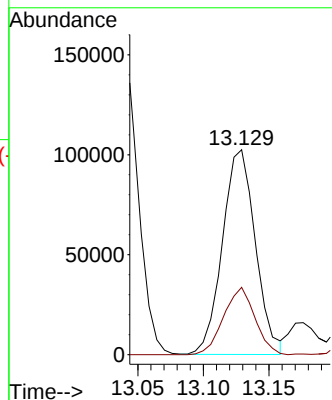
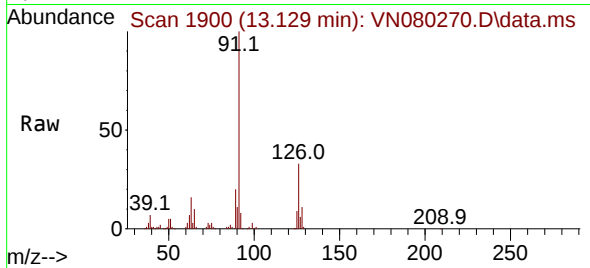
#79
2-Chlorotoluene
Concen: 17.632 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion: 91 Resp: 179279
Ion Ratio Lower Upper
91 100
126 31.2 16.3 48.8

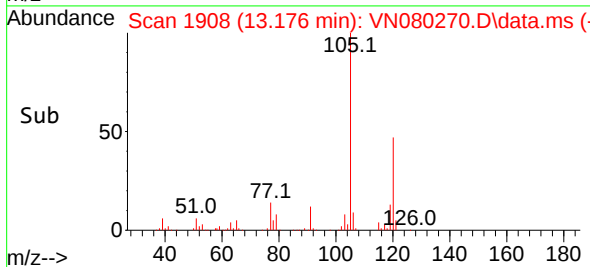
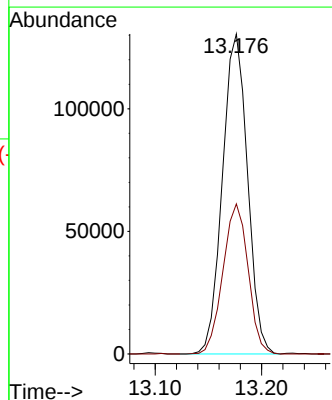
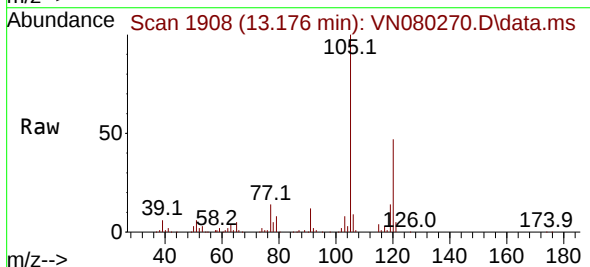
Manual Integrations
APPROVED

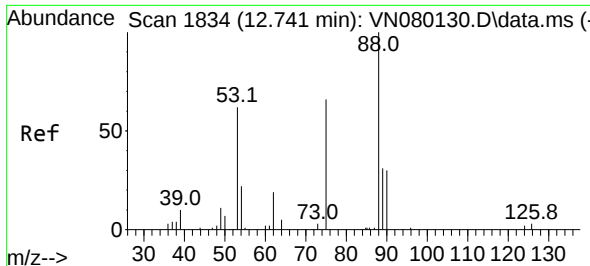
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.476 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

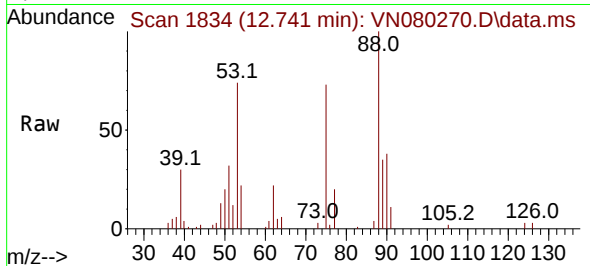
Tgt Ion:105 Resp: 212981
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.111 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

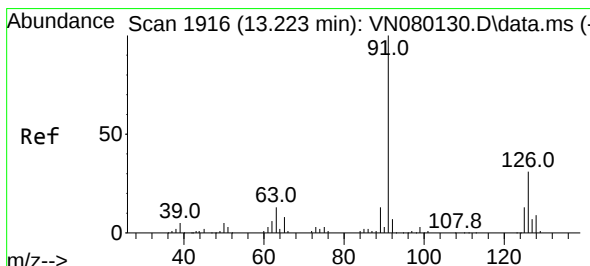
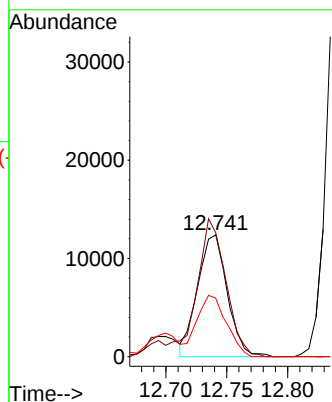
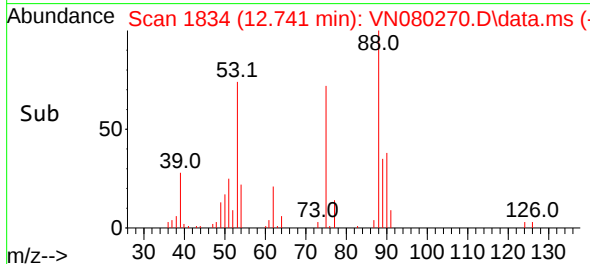
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



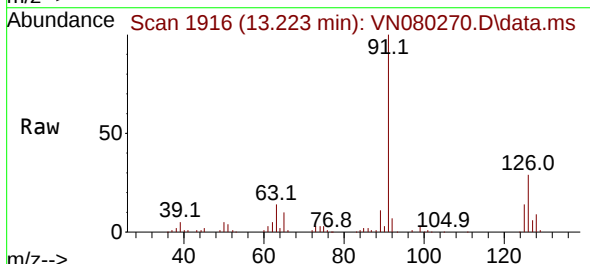
Tgt Ion: 75 Resp: 21049
Ion Ratio Lower Upper
75 100
53 110.8 67.4 101.2
89 50.6 38.8 58.2

Manual Integrations
APPROVED

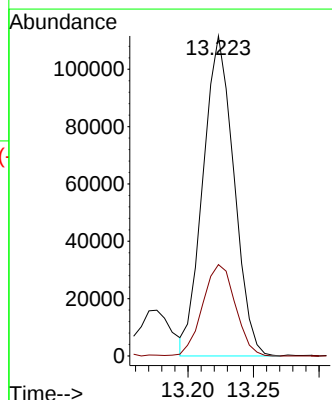
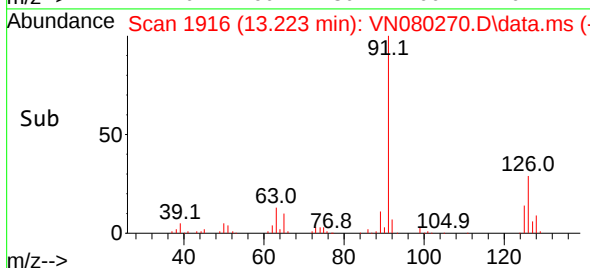
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

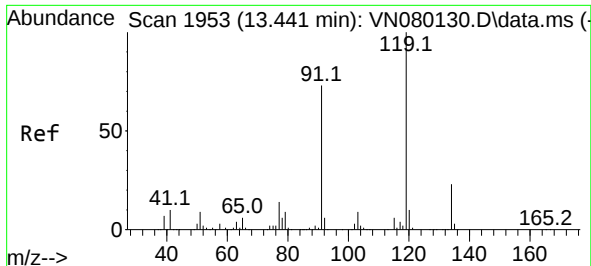


#82
4-Chlorotoluene
Concen: 17.574 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04



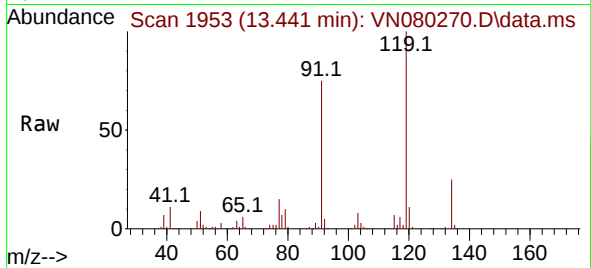
Tgt Ion: 91 Resp: 183061
Ion Ratio Lower Upper
91 100
126 30.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.048 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

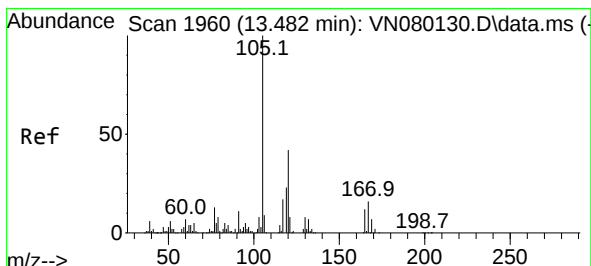
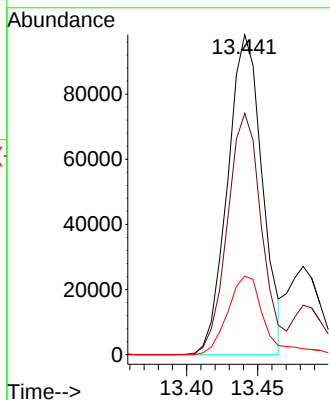
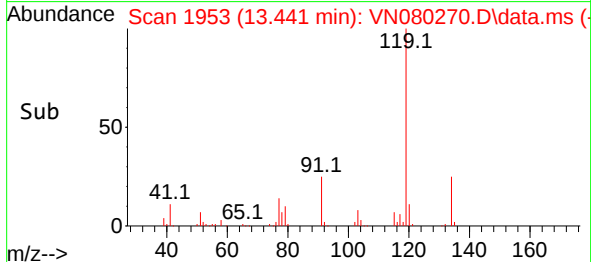
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



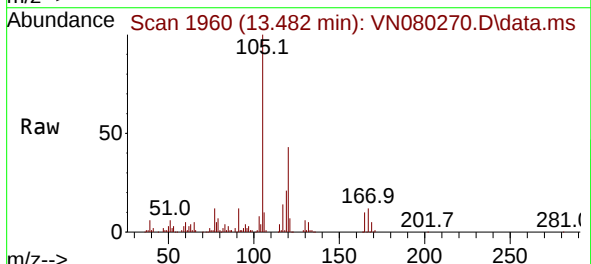
Tgt Ion:119 Resp: 166610
Ion Ratio Lower Upper
119 100
91 75.1 33.9 101.7
134 26.1 13.2 39.6

Manual Integrations
APPROVED

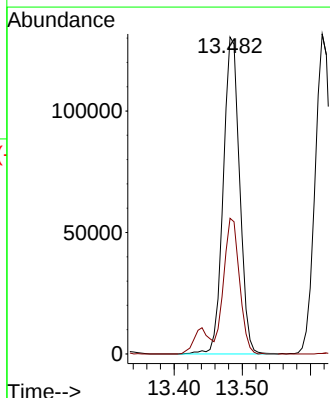
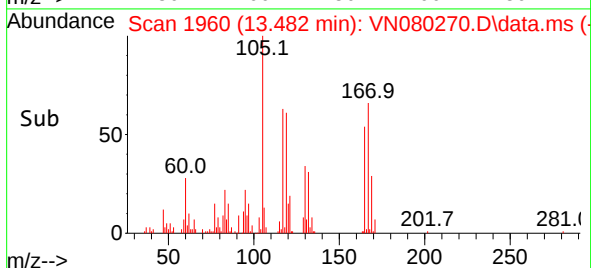
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

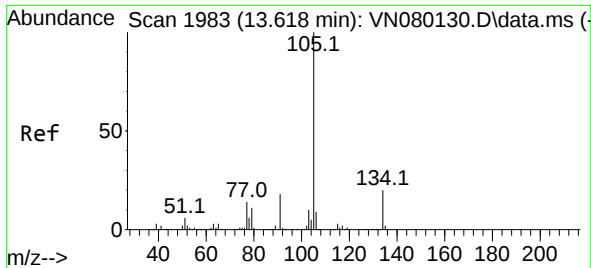


#84
1,2,4-Trimethylbenzene
Concen: 18.150 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04



Tgt Ion:105 Resp: 217803
Ion Ratio Lower Upper
105 100
120 41.3 22.0 66.0





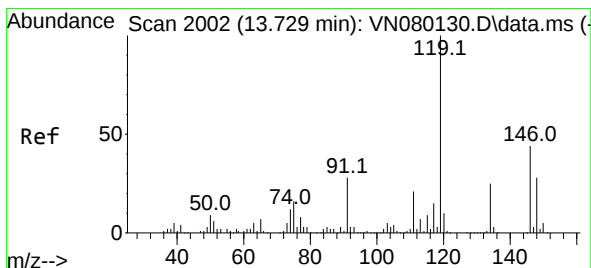
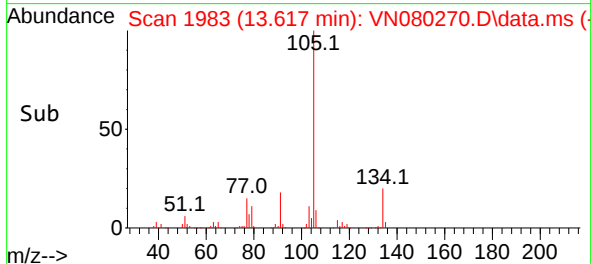
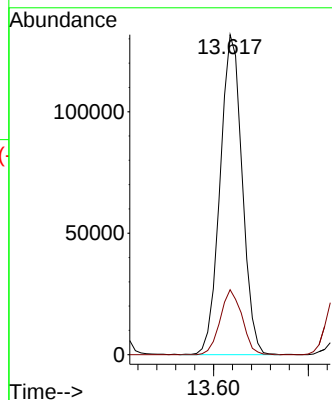
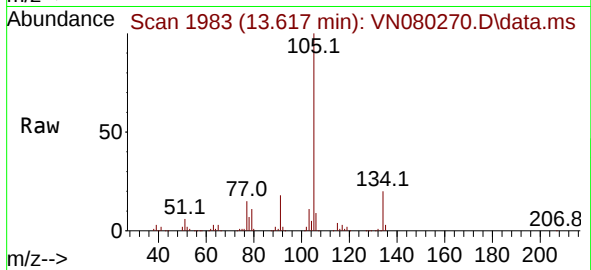
#85
 sec-Butylbenzene
 Concen: 17.296 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080270.D
 Acq: 27 Nov 2023 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127MBS02

Tgt Ion:105 Resp: 213834
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

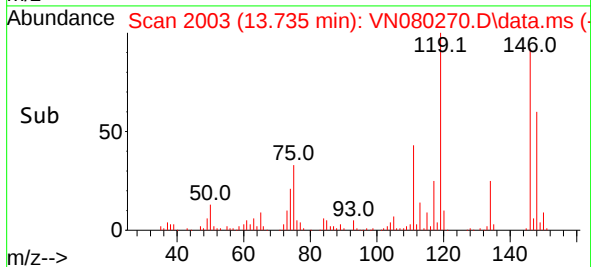
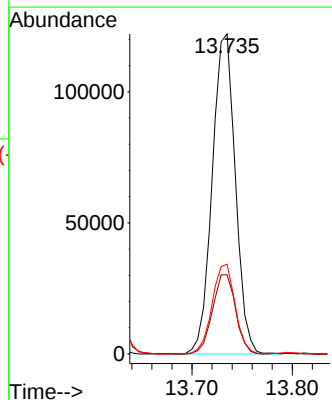
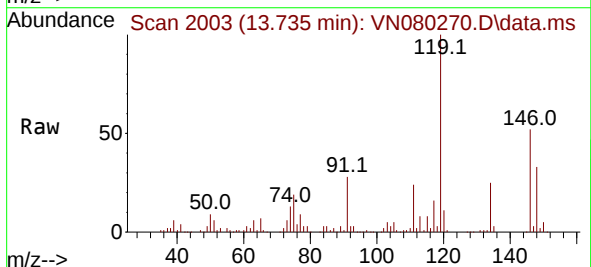
Manual Integrations
 APPROVED

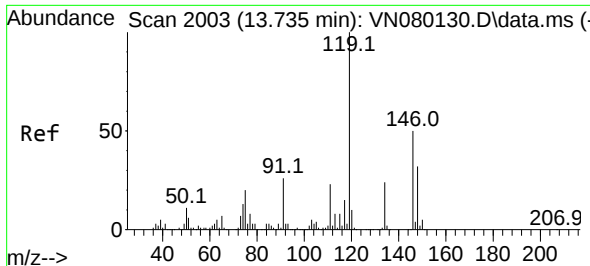
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#86
 p-Isopropyltoluene
 Concen: 17.692 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080270.D
 Acq: 27 Nov 2023 13:04

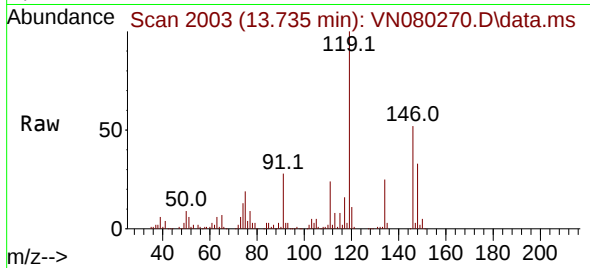
Tgt Ion:119 Resp: 195385
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.6 37.8
 91 27.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 16.921 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

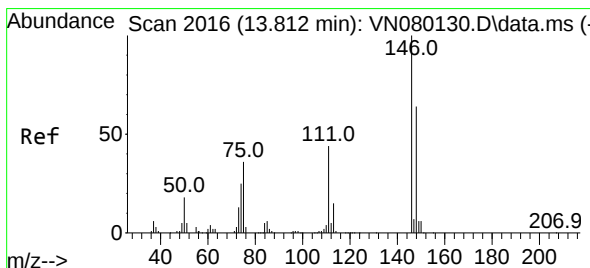
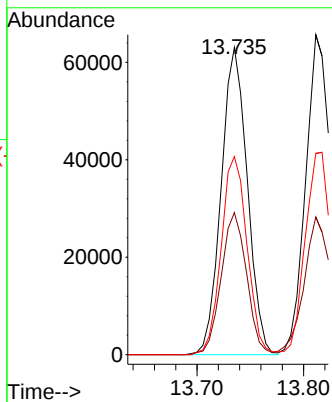
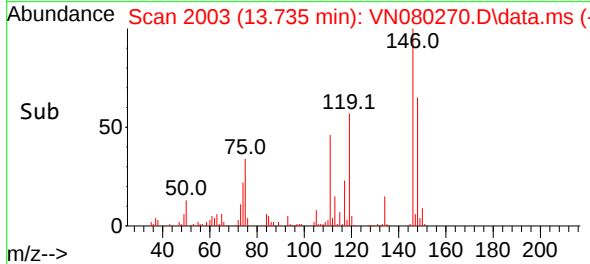
Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02



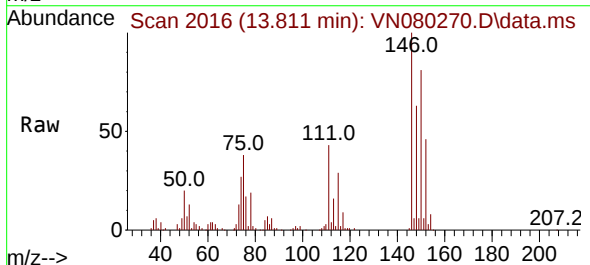
Tgt Ion:146 Resp: 107609
Ion Ratio Lower Upper
146 100
111 44.9 22.1 66.3
148 63.8 32.0 96.0

Manual Integrations
APPROVED

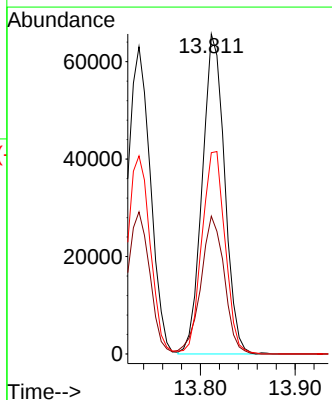
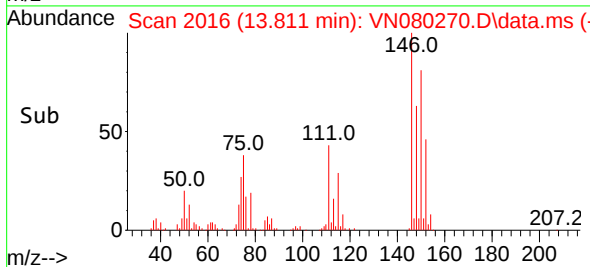
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

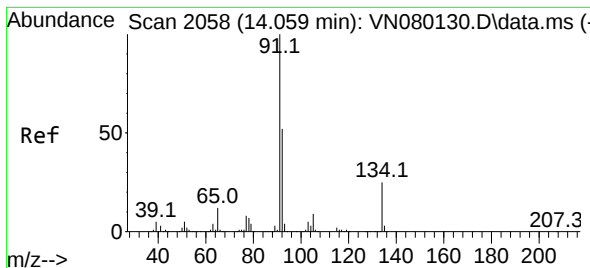


#88
1,4-Dichlorobenzene
Concen: 16.814 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04



Tgt Ion:146 Resp: 107455
Ion Ratio Lower Upper
146 100
111 45.2 20.6 61.8
148 65.9 31.6 94.8





#89

n-Butylbenzene

Concen: 16.754 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080270.D

Acq: 27 Nov 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN1127MBS02

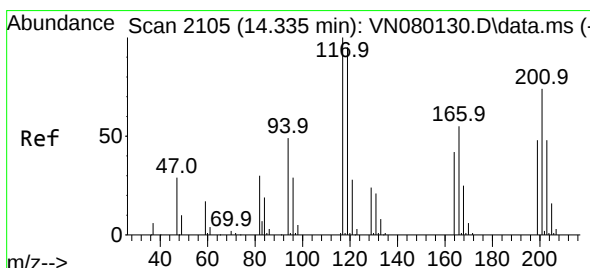
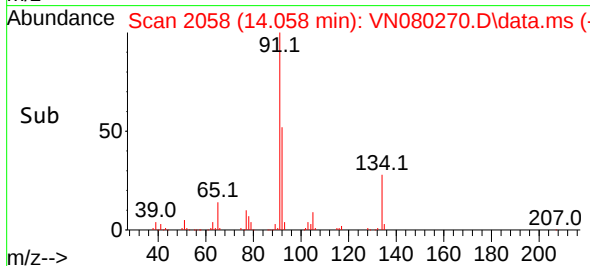
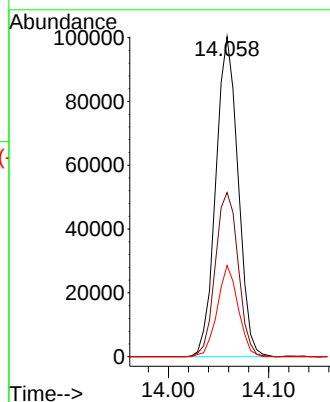
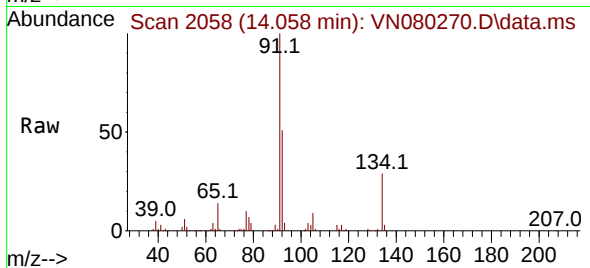
Tgt Ion: 91 Resp: 154872
 Ion Ratio Lower Upper
 91 100
 92 52.6 26.4 79.0
 134 26.7 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#90

Hexachloroethane

Concen: 16.719 ug/l

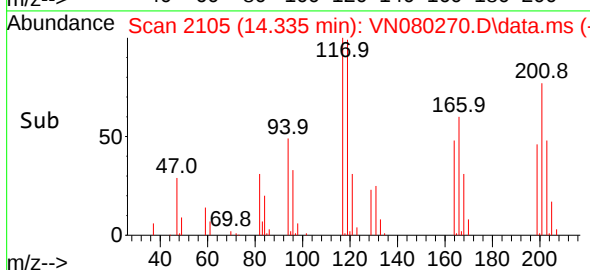
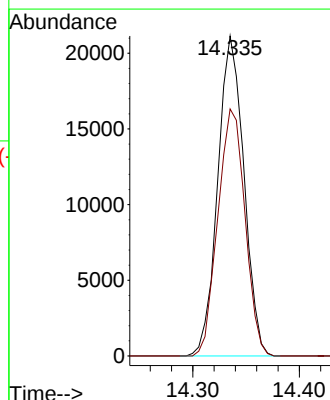
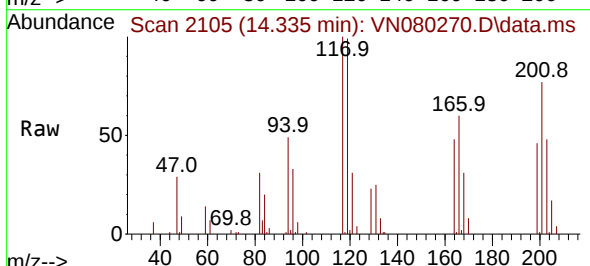
RT: 14.335 min Scan# 2105

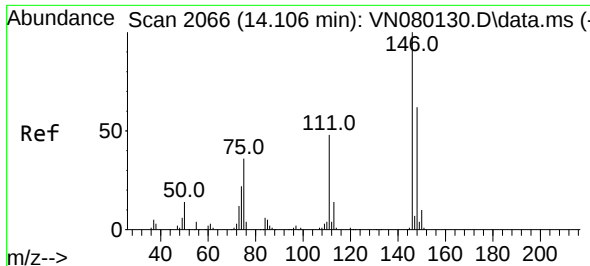
Delta R.T. -0.000 min

Lab File: VN080270.D

Acq: 27 Nov 2023 13:04

Tgt Ion:117 Resp: 35996
 Ion Ratio Lower Upper
 117 100
 201 80.2 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 16.985 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080270.D

Acq: 27 Nov 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN1127MBS02

Tgt Ion:146 Resp: 103362

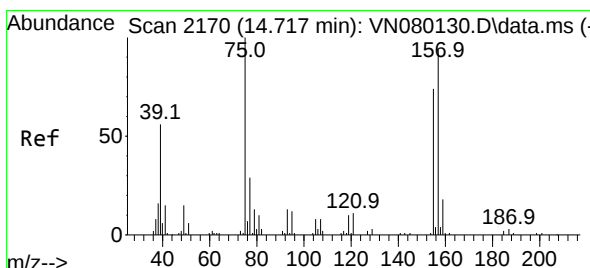
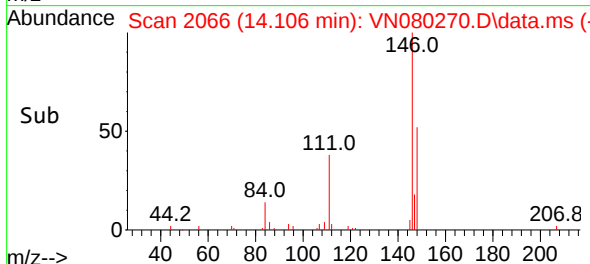
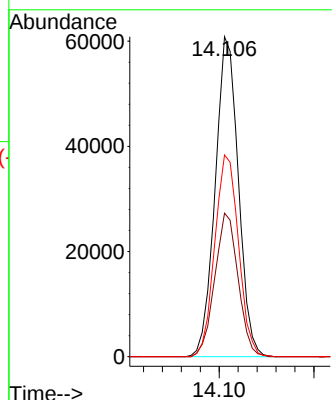
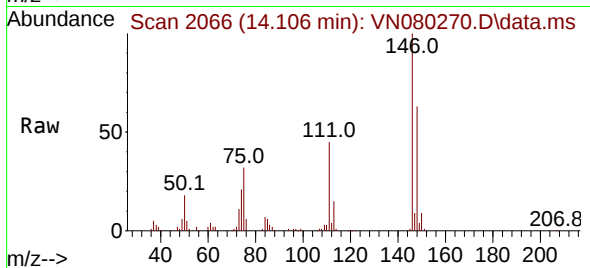
Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.0	66.0
148	64.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.674 ug/l

RT: 14.723 min Scan# 2171

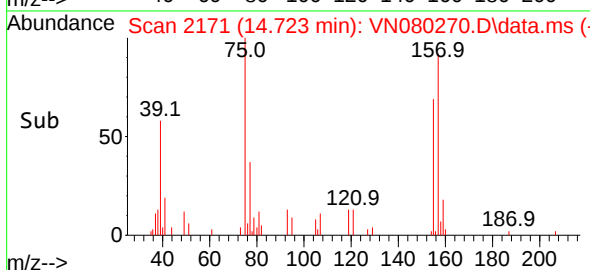
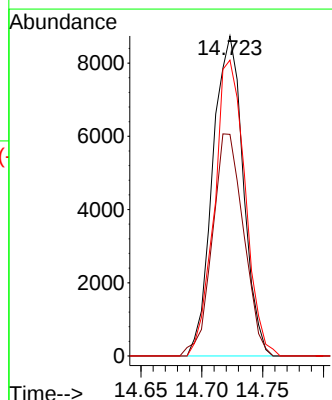
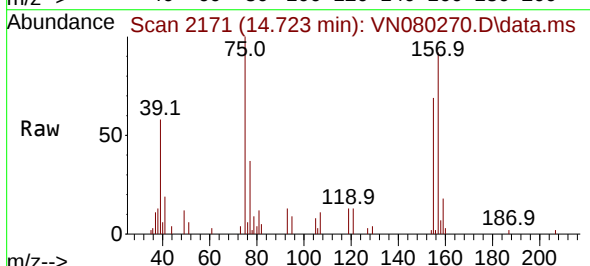
Delta R.T. 0.006 min

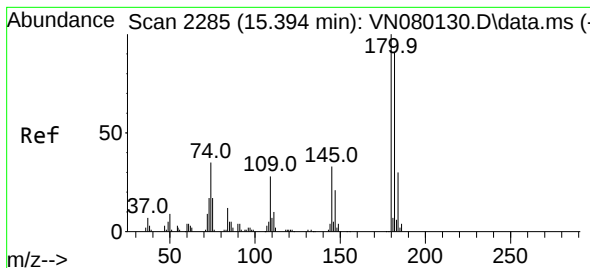
Lab File: VN080270.D

Acq: 27 Nov 2023 13:04

Tgt Ion: 75 Resp: 15255

Ion	Ratio	Lower	Upper
75	100		
155	70.8	39.1	117.2
157	92.9	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.596 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080270.D

Acq: 27 Nov 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN1127MBS02

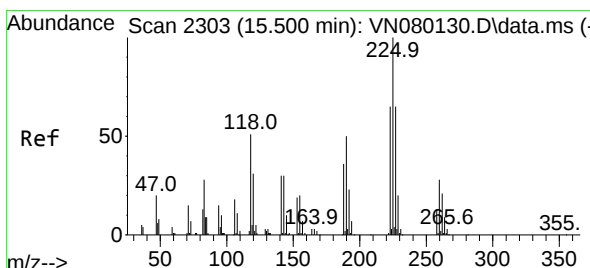
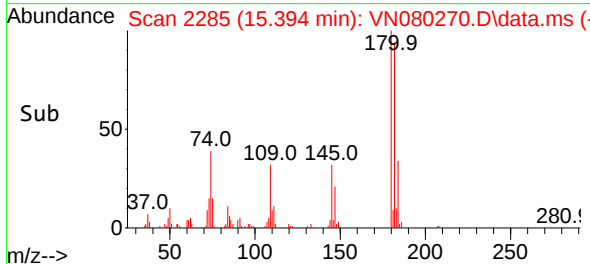
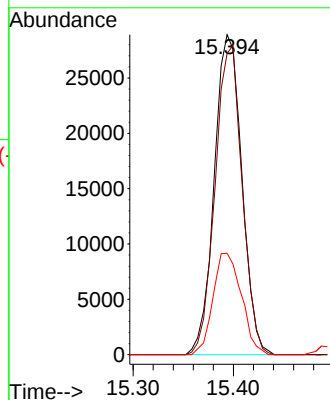
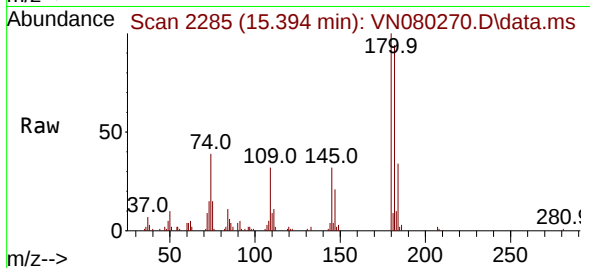
Tgt Ion:180	Resp:	5519
Ion Ratio	Lower	Upper
180	100	
182	94.6	46.1 138.2
145	32.6	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#94

Hexachlorobutadiene

Concen: 15.757 ug/l

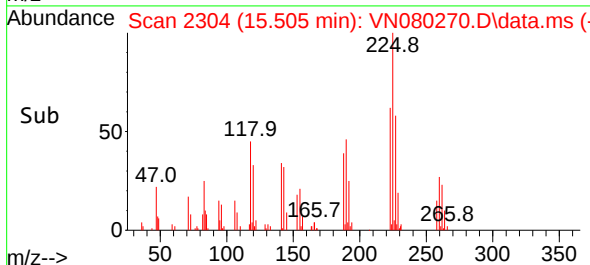
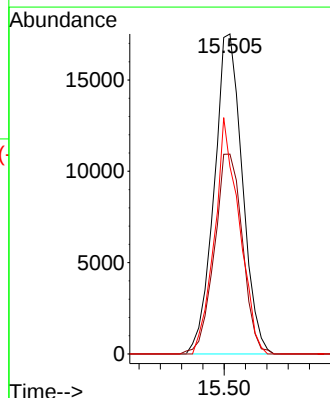
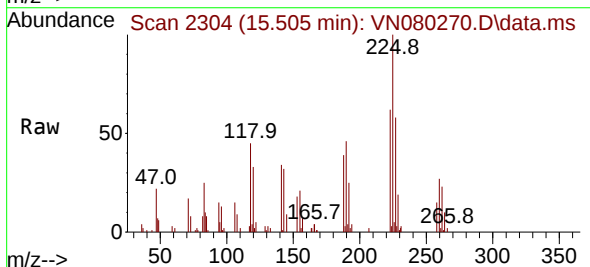
RT: 15.505 min Scan# 2304

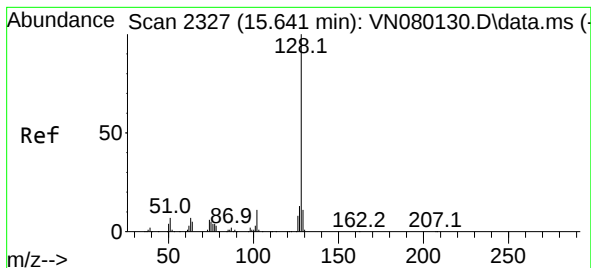
Delta R.T. 0.005 min

Lab File: VN080270.D

Acq: 27 Nov 2023 13:04

Tgt Ion:225	Resp:	32094
Ion Ratio	Lower	Upper
225	100	
223	62.3	31.3 93.8
227	64.8	31.9 95.9





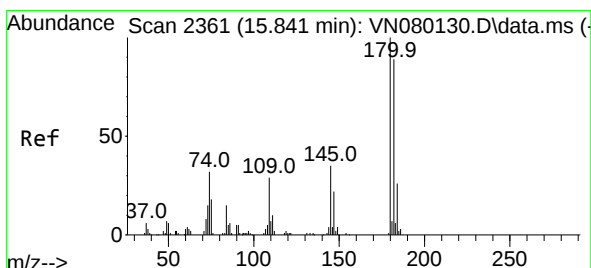
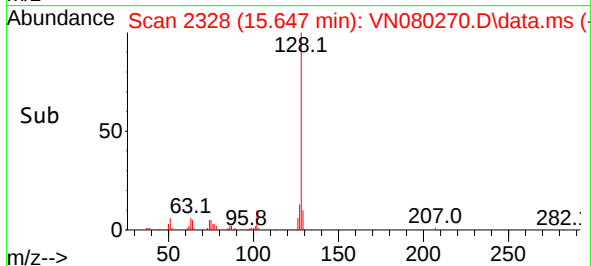
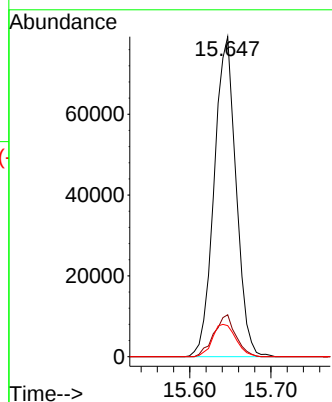
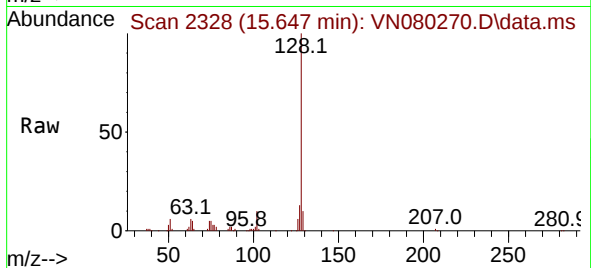
#95
Naphthalene
Concen: 14.479 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN1127MBS02

Tgt Ion:128 Resp: 148600
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.745 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080270.D
Acq: 27 Nov 2023 13:04

Tgt Ion:180 Resp: 52232
Ion Ratio Lower Upper
180 100
182 95.3 46.2 138.6
145 34.2 17.5 52.6

