

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
 Data File : VN080229.D
 Acq On : 21 Nov 2023 14:05
 Operator : JC\MD
 Sample : VN1121WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2023
 Supervised By : Mahesh Dadoda 11/22/2023

Quant Time: Nov 22 00:06:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	195794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	162377	50.227	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.460%			
35) Dibromofluoromethane	8.165	113	113815	51.275	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.560%			
50) Toluene-d8	10.565	98	401540	50.183	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.360%			
62) 4-Bromofluorobenzene	12.847	95	151365	50.083	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57485	19.710	ug/l	100
3) Chloromethane	2.365	50	34050	15.529	ug/l	99
4) Vinyl Chloride	2.518	62	39093	16.847	ug/l	98
5) Bromomethane	2.959	94	28838	18.307	ug/l	96
6) Chloroethane	3.124	64	25768	16.835	ug/l	97
7) Trichlorofluoromethane	3.500	101	96427	19.920	ug/l	97
8) Diethyl Ether	3.959	74	25710	18.263	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	41659	18.829	ug/l	95
10) Methyl Iodide	4.594	142	44867	18.764	ug/l #	86
11) Tert butyl alcohol	5.512	59	29090	81.825	ug/l	99
12) 1,1-Dichloroethene	4.347	96	37362	18.054	ug/l	90
13) Acrolein	4.177	56	26996	85.803	ug/l	99
14) Allyl chloride	5.030	41	42828	16.450	ug/l #	85
15) Acrylonitrile	5.712	53	81715	85.620	ug/l	97
16) Acetone	4.424	43	77445	71.322	ug/l	93
17) Carbon Disulfide	4.712	76	98402	15.925	ug/l	95
18) Methyl Acetate	5.024	43	59405	17.027	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	141544	19.368	ug/l	96
20) Methylene Chloride	5.277	84	43820	19.271	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	40860	17.973	ug/l	86
22) Diisopropyl ether	6.671	45	105784	18.364	ug/l	94
23) Vinyl Acetate	6.606	43	309324	89.321	ug/l	98
24) 1,1-Dichloroethane	6.565	63	75316	17.952	ug/l	95
25) 2-Butanone	7.482	43	98905	76.664	ug/l	93
26) 2,2-Dichloropropane	7.494	77	80881	19.431	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	47187	18.307	ug/l	86
28) Bromochloromethane	7.818	49	30411	18.438	ug/l	97
29) Tetrahydrofuran	7.841	42	60682	87.611	ug/l	94
30) Chloroform	7.965	83	94722	20.199	ug/l	99
31) Cyclohexane	8.259	56	58837	16.735	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	92803	20.293	ug/l	99
36) 1,1-Dichloropropene	8.371	75	63338	19.709	ug/l	94
37) Ethyl Acetate	7.559	43	38765	17.390	ug/l	97
38) Carbon Tetrachloride	8.365	117	86127	21.119	ug/l	100
39) Methylcyclohexane	9.600	83	56414	18.206	ug/l	93
40) Benzene	8.606	78	175004	19.160	ug/l	96

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Quant Time: Nov 22 00:06:01 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)
41) Methacrylonitrile	7.777	41	22416	18.311	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	81341	21.768	ug/l	92
43) Isopropyl Acetate	8.688	43	74544	17.185	ug/l	97
44) Trichloroethene	9.353	130	46075	19.231	ug/l	98
45) 1,2-Dichloropropane	9.624	63	40021	18.855	ug/l	92
46) Dibromomethane	9.712	93	32961	20.514	ug/l	91
47) Bromodichloromethane	9.888	83	72590	20.538	ug/l	98
48) Methyl methacrylate	9.682	41	41944	18.763	ug/l	92
49) 1,4-Dioxane	9.700	88	13186	354.566	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	204447	91.036	ug/l	98
52) Toluene	10.629	92	114206	19.980	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	72892	20.073	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	75283	20.292	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	44490	20.393	ug/l	94
56) Ethyl methacrylate	10.876	69	44649	20.033	ug/l	94
57) 1,3-Dichloropropane	11.165	76	74847	19.650	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	118273	94.197	ug/l	99
59) 2-Hexanone	11.194	43	153706	85.174	ug/l	95
60) Dibromochloromethane	11.359	129	56763	21.733	ug/l	99
61) 1,2-Dibromoethane	11.470	107	44156	19.840	ug/l	98
64) Tetrachloroethene	11.106	164	43849	20.858	ug/l	93
65) Chlorobenzene	11.894	112	118677	19.013	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	51743	21.362	ug/l	94
67) Ethyl Benzene	11.965	91	217159	19.551	ug/l	97
68) m/p-Xylenes	12.070	106	163066	40.266	ug/l	89
69) o-Xylene	12.400	106	78337	20.526	ug/l	90
70) Styrene	12.412	104	114447	20.147	ug/l #	92
71) Bromoform	12.576	173	37168	20.691	ug/l #	100
73) Isopropylbenzene	12.700	105	207070	20.157	ug/l	100
74) N-amyl acetate	12.494	43	58373	18.221	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	55989	18.210	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	55125m	17.019	ug/l	
77) Bromobenzene	12.982	156	51388	19.841	ug/l	94
78) n-propylbenzene	13.035	91	229120	19.945	ug/l	99
79) 2-Chlorotoluene	13.129	91	150901	20.226	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	179009	20.018	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	17106	17.843	ug/l #	81
82) 4-Chlorotoluene	13.223	91	152373	19.935	ug/l	94
83) tert-Butylbenzene	13.441	119	141853	19.781	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	179986	20.441	ug/l	97
85) sec-Butylbenzene	13.617	105	179604	19.798	ug/l	98
86) p-Isopropyltoluene	13.729	119	164723	20.327	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	90891	19.478	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	89347	19.053	ug/l	96
89) n-Butylbenzene	14.059	91	129473	19.088	ug/l	99
90) Hexachloroethane	14.335	117	29621	18.749	ug/l	61
91) 1,2-Dichlorobenzene	14.106	146	88427	19.803	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13241	18.541	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	46102	17.751	ug/l	98
94) Hexachlorobutadiene	15.500	225	26929	18.018	ug/l	99
95) Naphthalene	15.641	128	119620	15.884	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	42580	17.492	ug/l	97

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MSVOA_N
ClientSampleId :
VN1121WBSD01

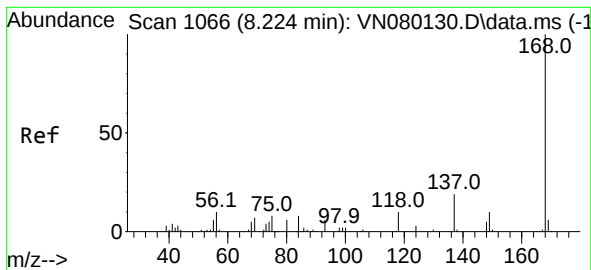
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

Quant Time: Nov 22 00:06:01 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



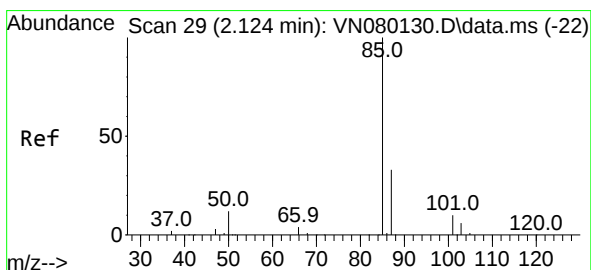
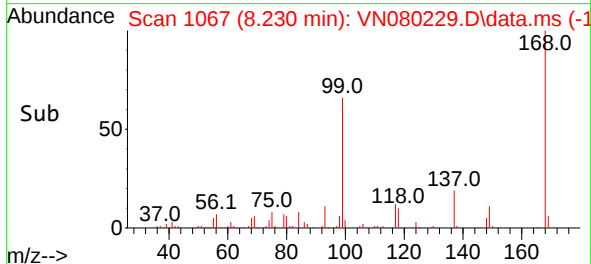
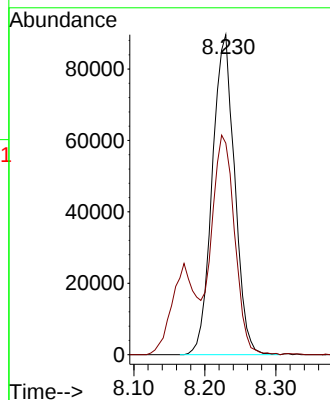
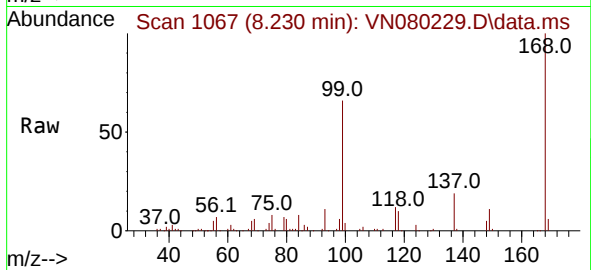
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion:168 Resp: 195794
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6

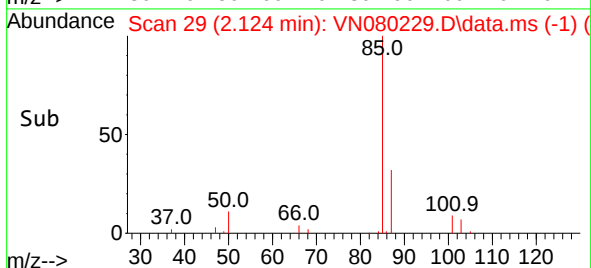
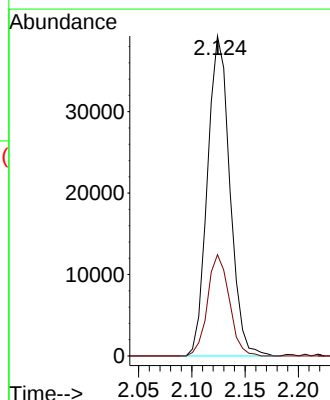
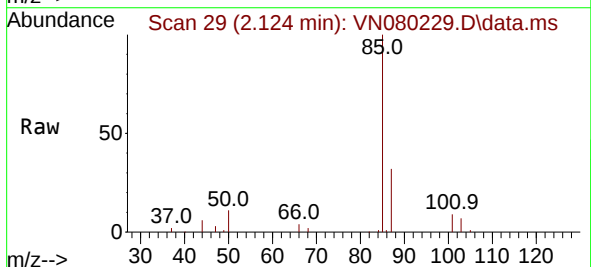
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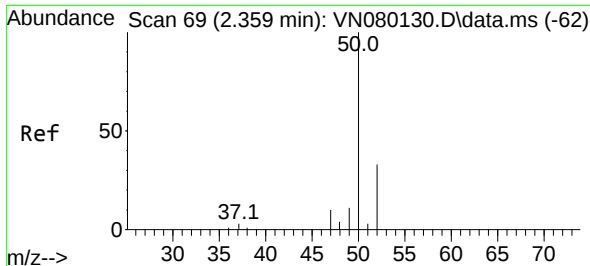
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#2
Dichlorodifluoromethane
Concen: 19.710 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Tgt Ion: 85 Resp: 57485
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.4





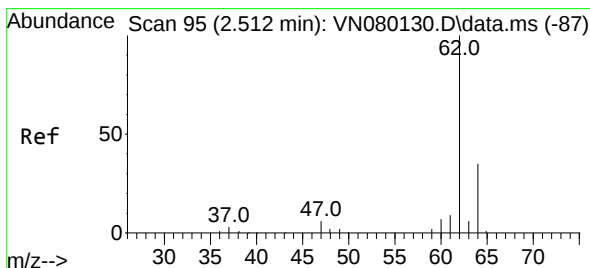
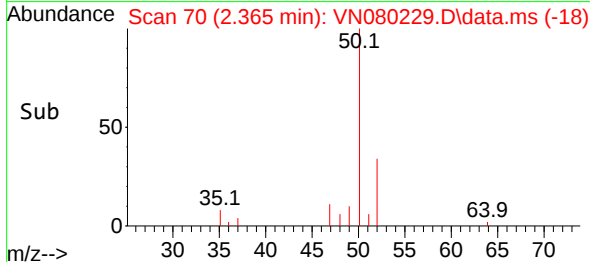
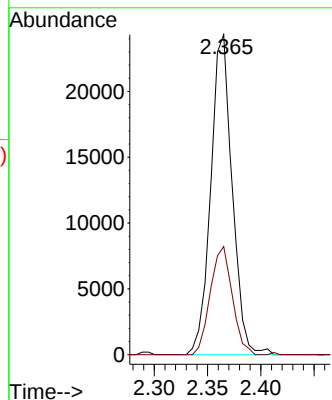
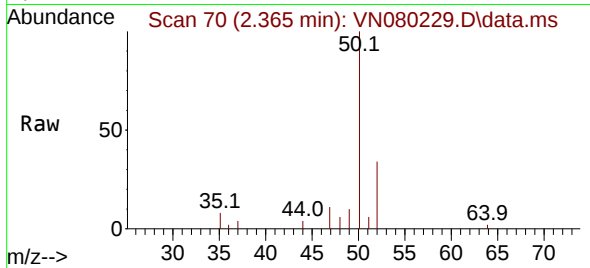
#3
Chloromethane
Concen: 15.529 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion: 50 Resp: 34050
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7

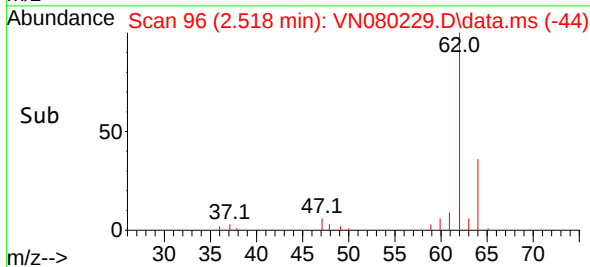
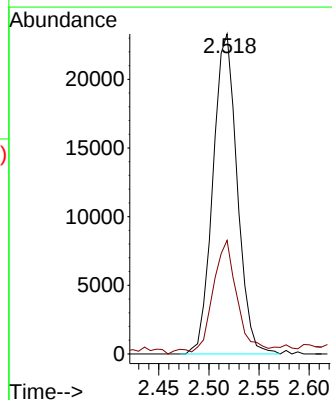
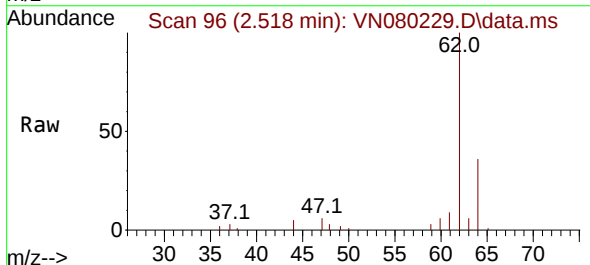
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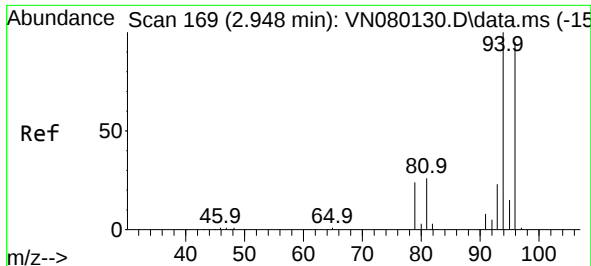
Reviewed By :John Carlone 11/22/2023
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#4
Vinyl Chloride
Concen: 16.847 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Tgt Ion: 62 Resp: 39093
Ion Ratio Lower Upper
62 100
64 34.1 26.2 39.2





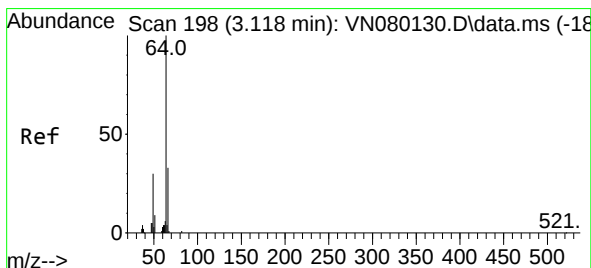
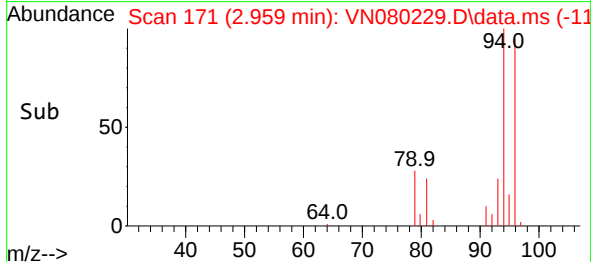
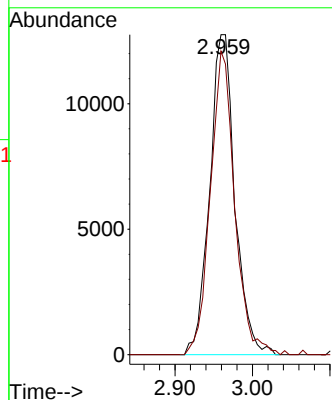
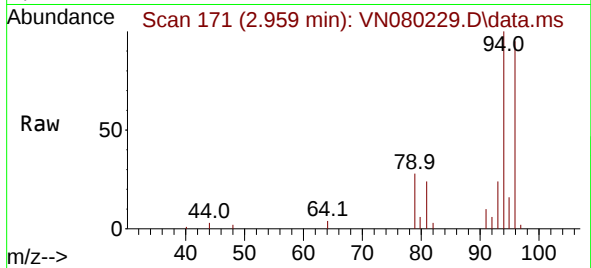
#5
Bromomethane
Concen: 18.307 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 28838
Ion Ratio Lower Upper
94 100
96 94.9 73.1 109.7

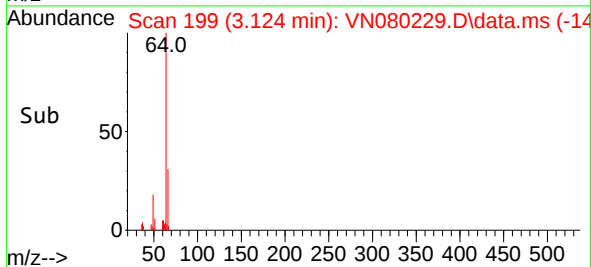
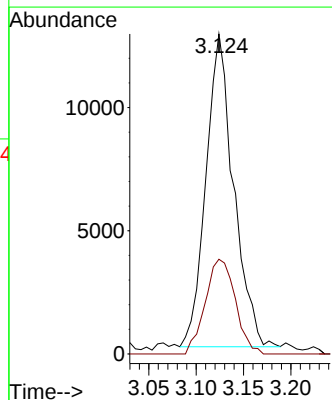
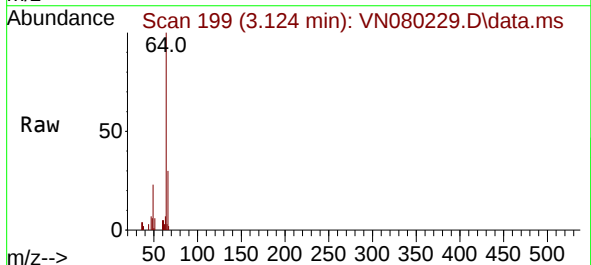
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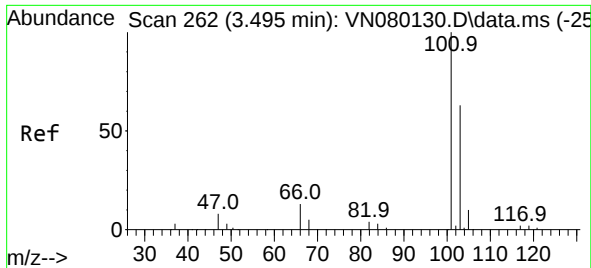
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#6
Chloroethane
Concen: 16.835 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Tgt Ion: 64 Resp: 25768
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2





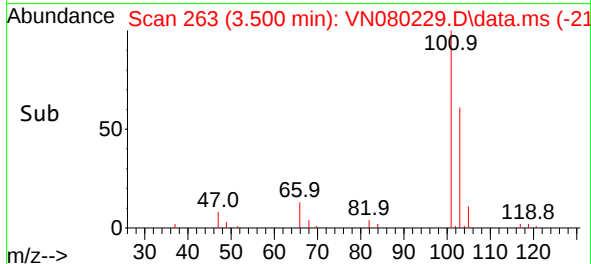
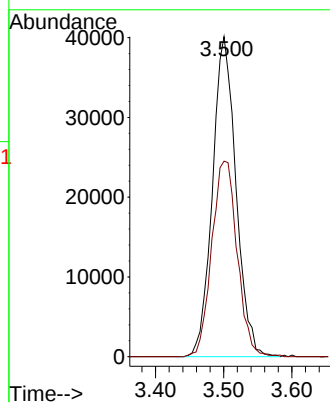
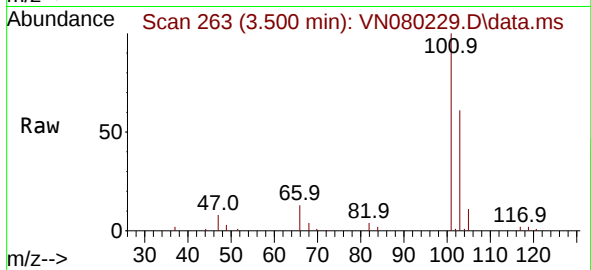
#7
Trichlorofluoromethane
Concen: 19.920 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion:101 Resp: 9642
Ion Ratio Lower Upper
101 100
103 61.1 50.7 76.1

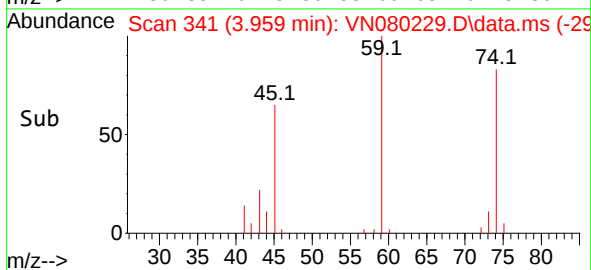
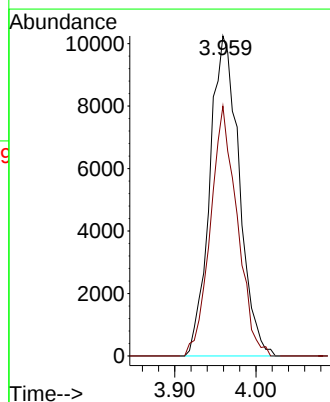
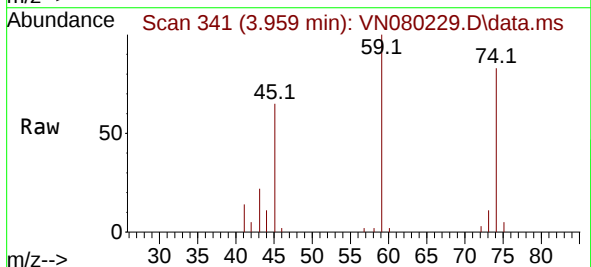
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#8
Diethyl Ether
Concen: 18.263 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Tgt Ion: 74 Resp: 25710
Ion Ratio Lower Upper
74 100
45 71.2 34.4 103.3





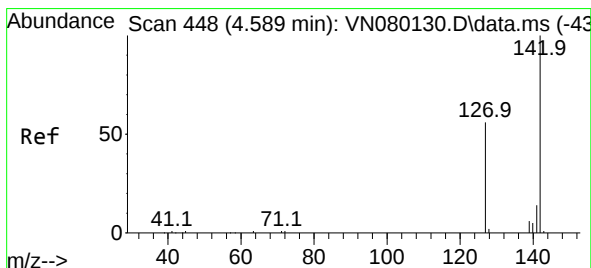
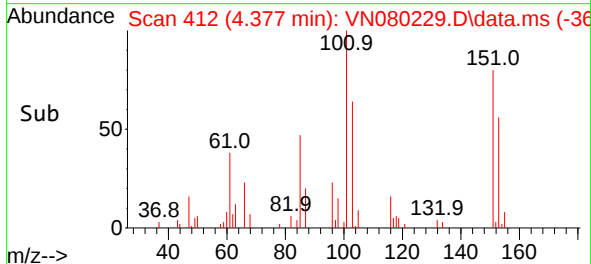
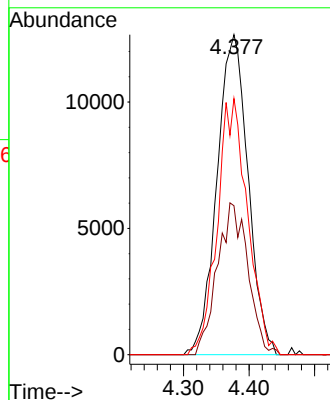
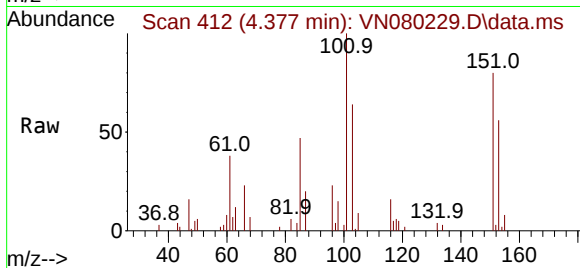
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.829 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion:101 Resp: 41659
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 78.1 57.6 86.4

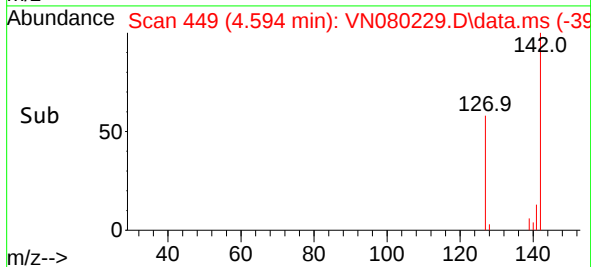
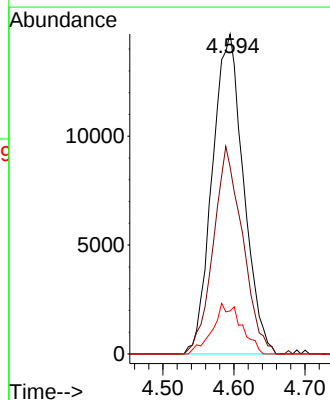
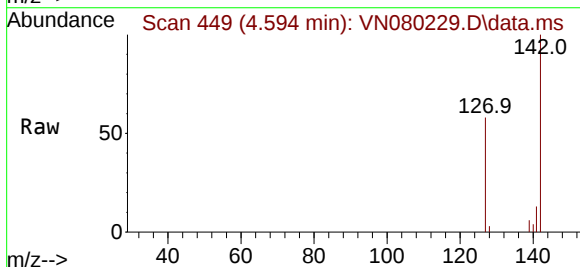
Manual Integrations
APPROVED

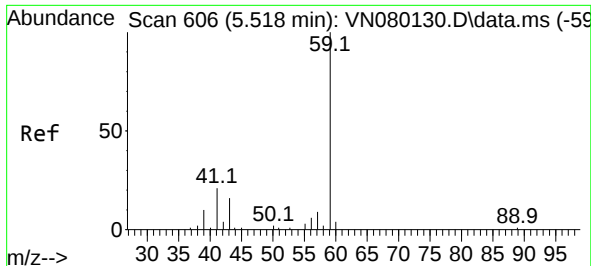
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#10
Methyl Iodide
Concen: 18.764 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Tgt Ion:142 Resp: 44867
Ion Ratio Lower Upper
142 100
127 58.4 37.6 56.4#
141 13.4 11.4 17.0





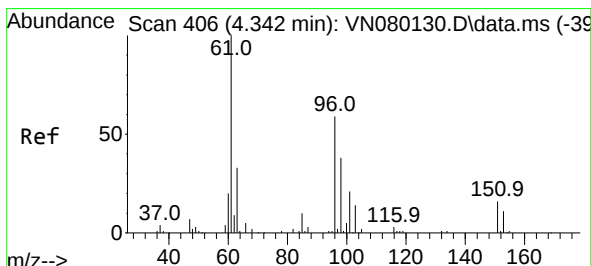
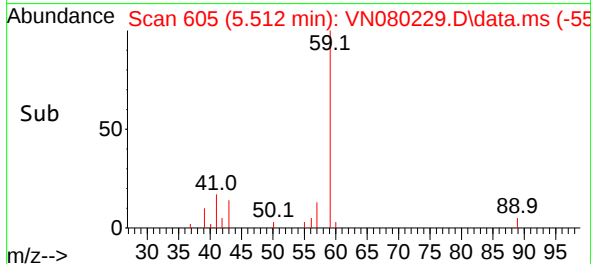
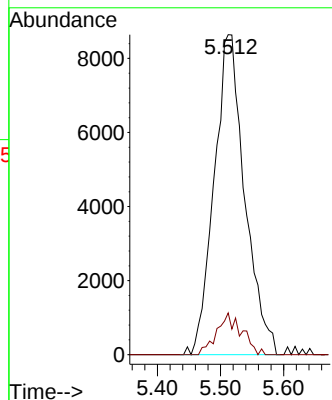
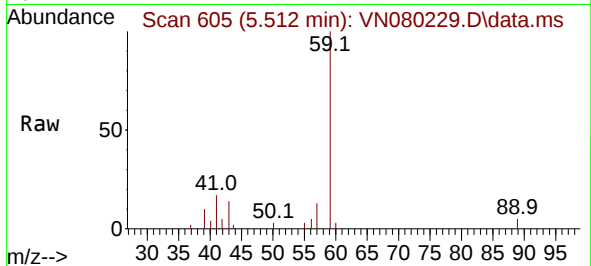
#11
Tert butyl alcohol
Concen: 81.825 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion: 59 Resp: 29090
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

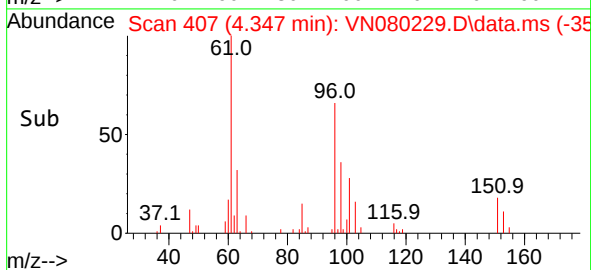
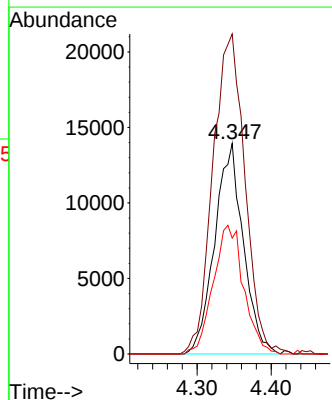
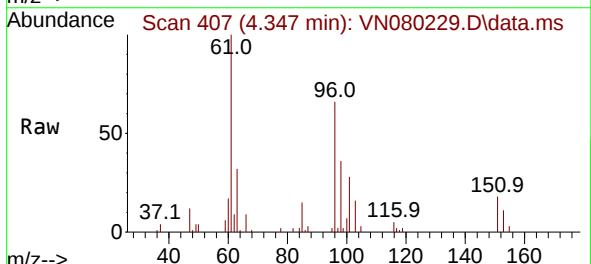
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#12
1,1-Dichloroethene
Concen: 18.054 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

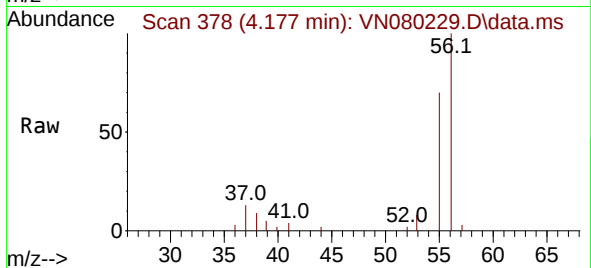
Tgt Ion: 96 Resp: 37362
Ion Ratio Lower Upper
96 100
61 152.0 112.7 169.1
98 55.0 51.2 76.8





#13
Acrolein
Concen: 85.803 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

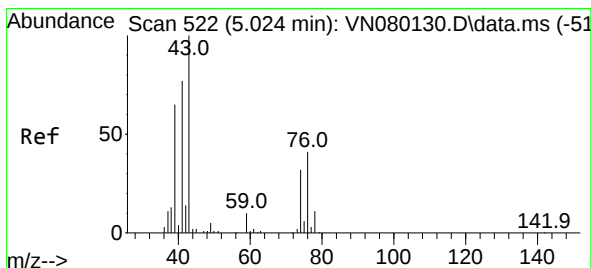
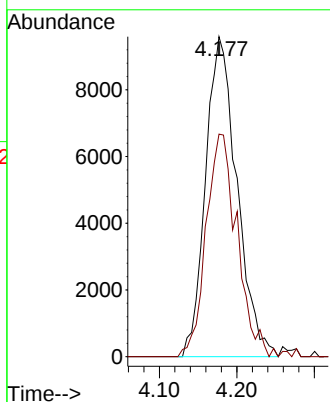
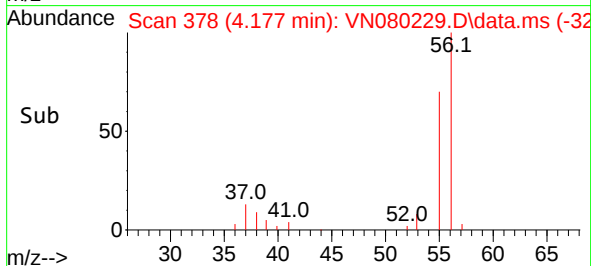
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



Tgt Ion: 56 Resp: 26990
Ion Ratio Lower Upper
56 100
55 68.7 54.5 81.7

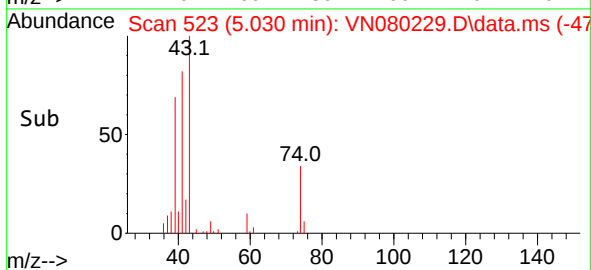
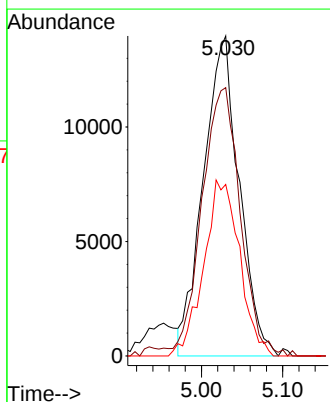
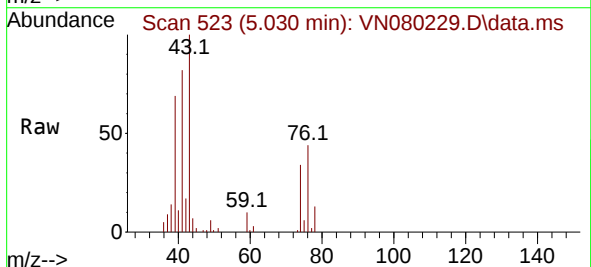
Manual Integrations
APPROVED

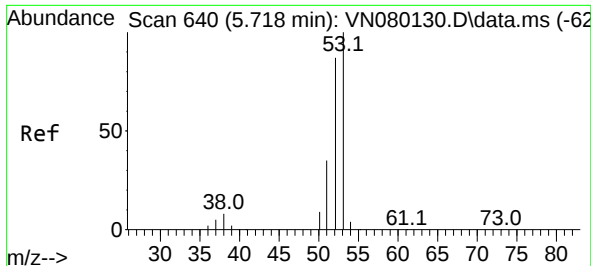
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#14
Allyl chloride
Concen: 16.450 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

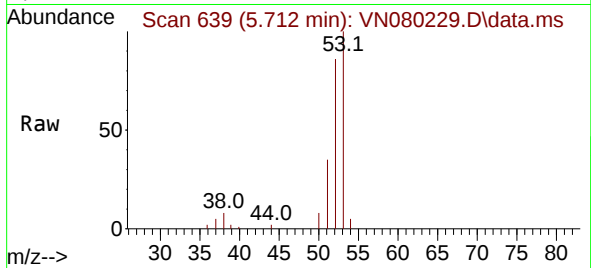
Tgt Ion: 41 Resp: 42828
Ion Ratio Lower Upper
41 100
39 89.8 58.8 88.2#
76 54.9 39.1 58.7





#15
Acrylonitrile
Concen: 85.620 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

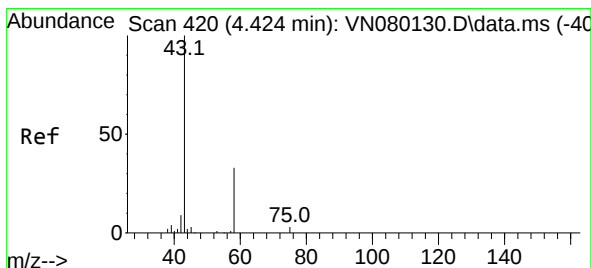
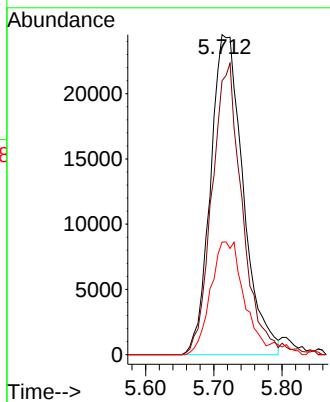
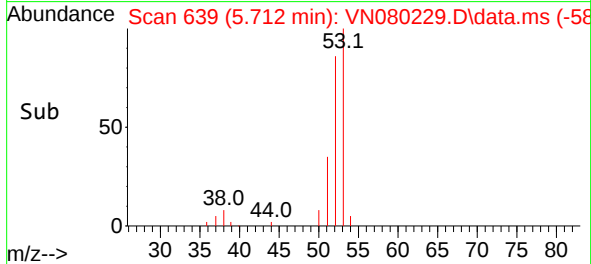
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



Tgt Ion: 53 Resp: 81715
Ion Ratio Lower Upper
53 100
52 85.2 65.3 97.9
51 36.1 28.9 43.3

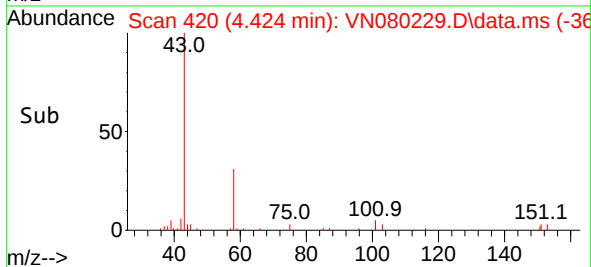
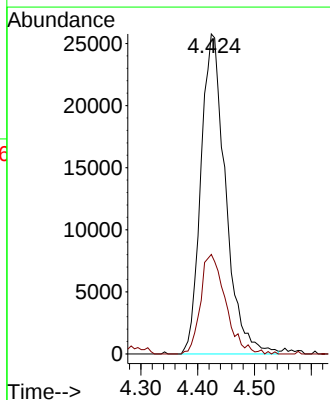
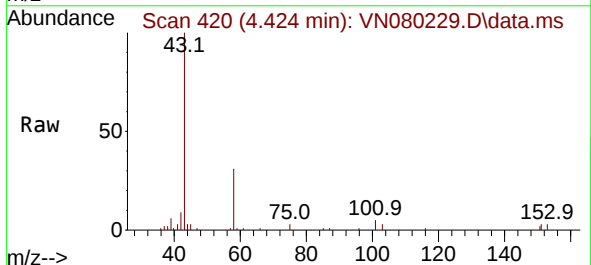
Manual Integrations
APPROVED

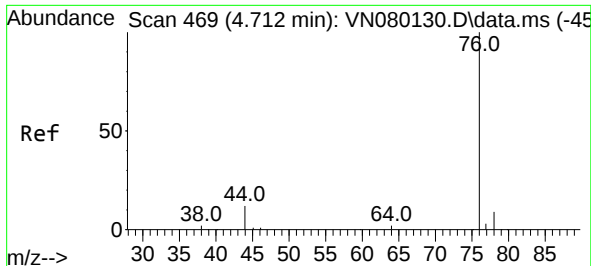
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#16
Acetone
Concen: 71.322 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

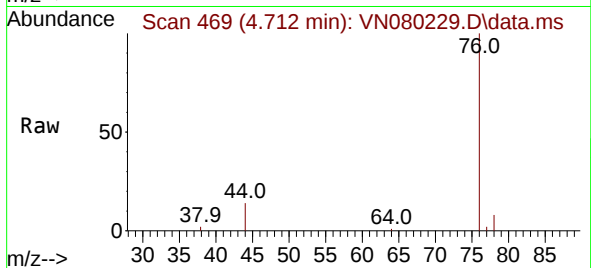
Tgt Ion: 43 Resp: 77445
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0





#17
Carbon Disulfide
Concen: 15.925 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

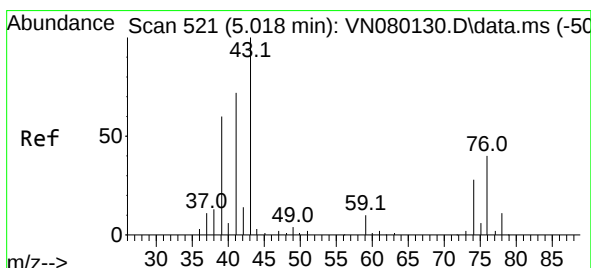
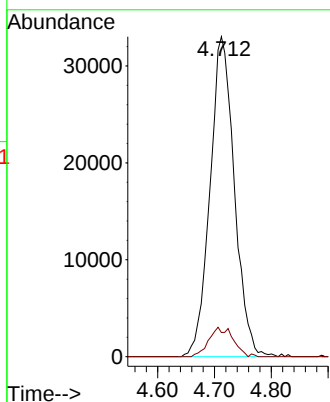
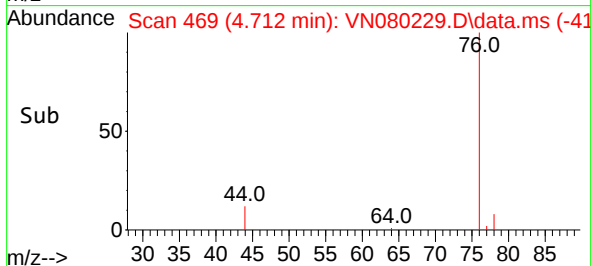
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



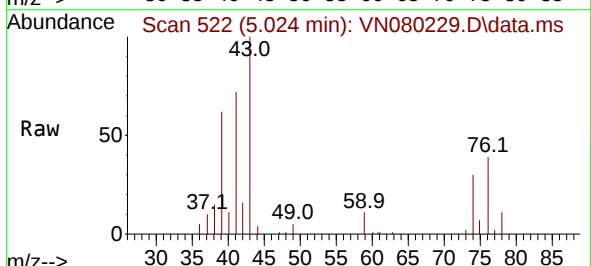
Tgt Ion: 76 Resp: 98405
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.0

Manual Integrations
APPROVED

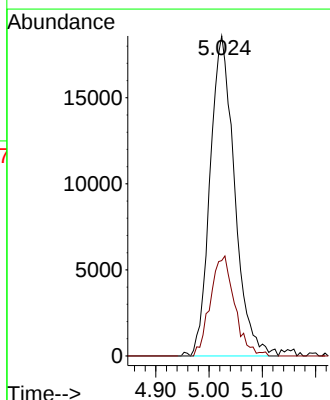
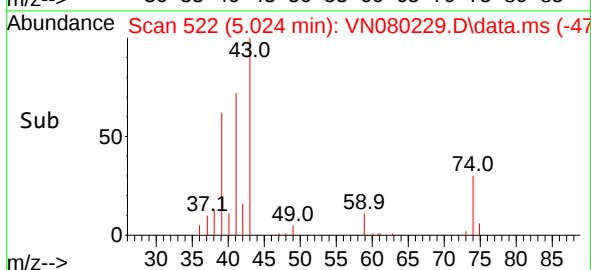
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

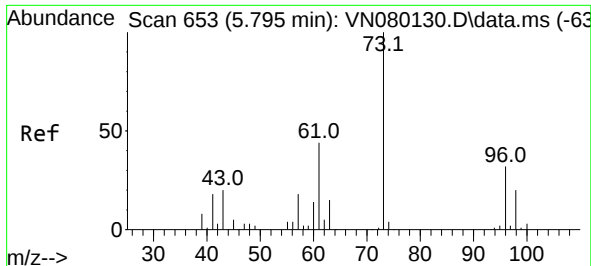


#18
Methyl Acetate
Concen: 17.027 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05



Tgt Ion: 43 Resp: 59405
Ion Ratio Lower Upper
43 100
74 31.0 26.2 39.4





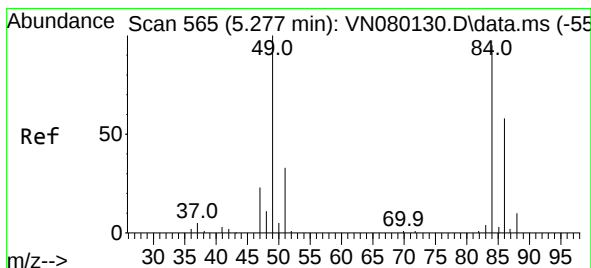
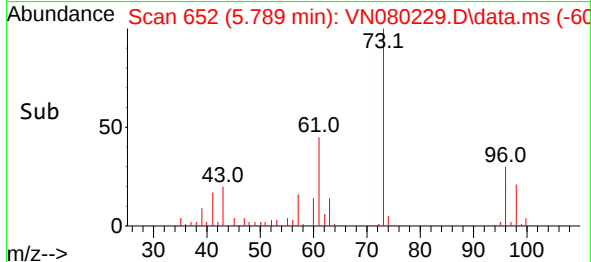
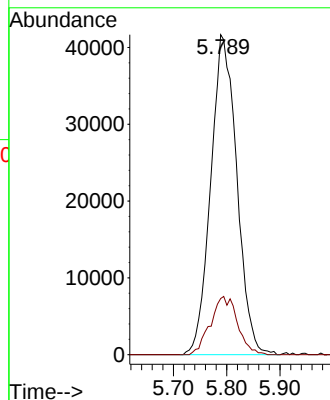
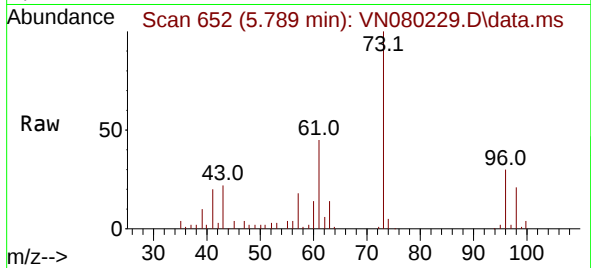
#19
Methyl tert-butyl Ether
Concen: 19.368 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion: 73 Resp: 141544
Ion Ratio Lower Upper
73 100
57 17.6 15.6 23.4

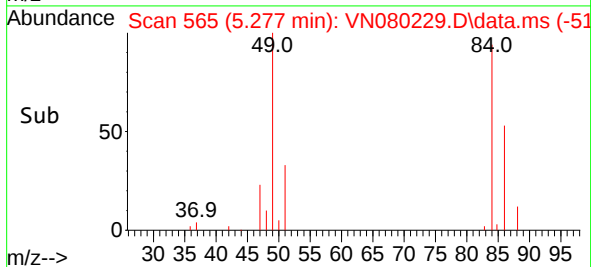
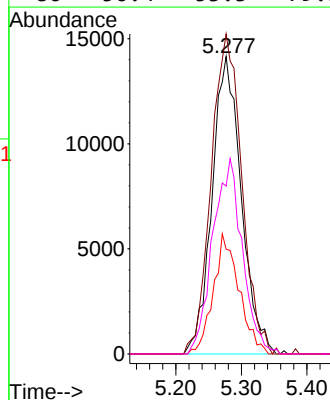
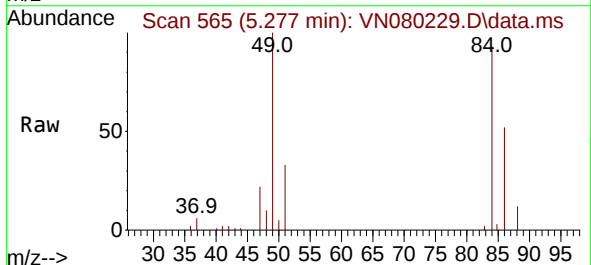
Manual Integrations
APPROVED

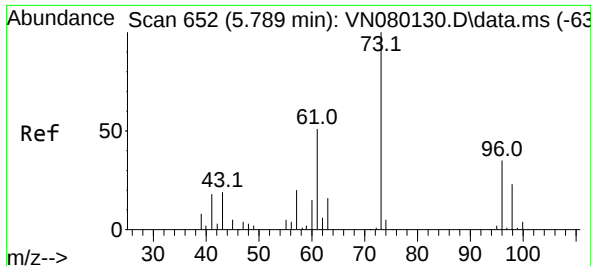
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#20
Methylene Chloride
Concen: 19.271 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

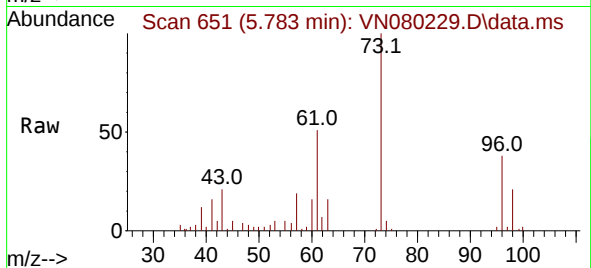
Tgt Ion: 84 Resp: 43820
Ion Ratio Lower Upper
84 100
49 107.6 79.7 119.5
51 35.2 25.2 37.8
86 56.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.973 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

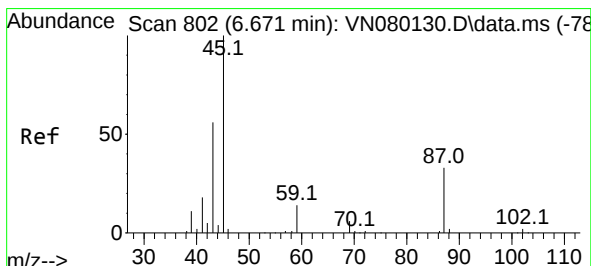
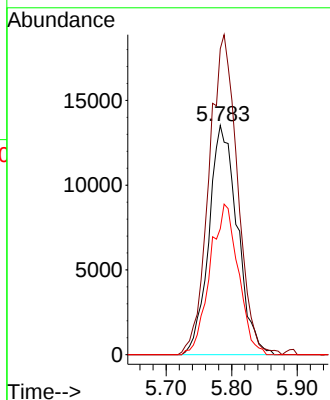
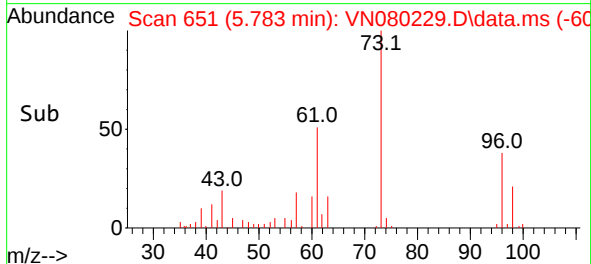
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



Tgt Ion: 96 Resp: 40860
Ion Ratio Lower Upper
96 100
61 133.4 90.1 135.1
98 54.9 46.4 69.6

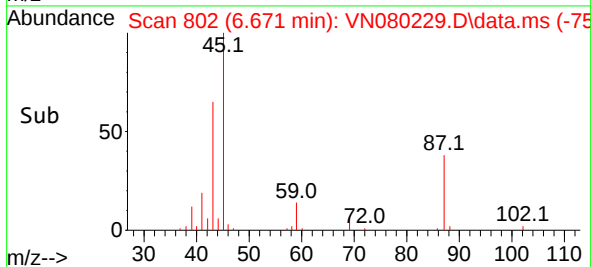
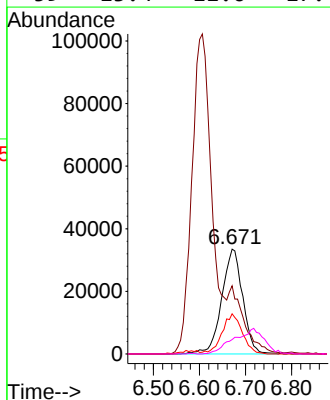
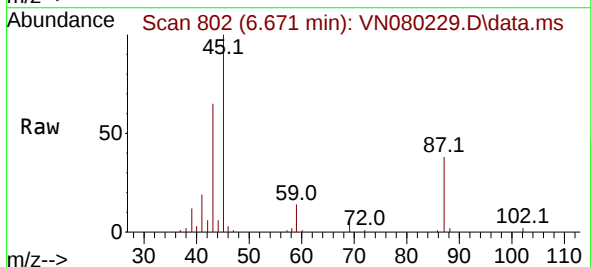
Manual Integrations
APPROVED

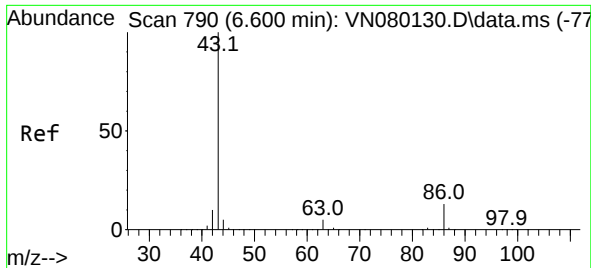
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#22
Diisopropyl ether
Concen: 18.364 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Tgt Ion: 45 Resp: 105784
Ion Ratio Lower Upper
45 100
43 63.6 45.5 68.3
87 38.3 31.8 47.8
59 13.4 11.6 17.4





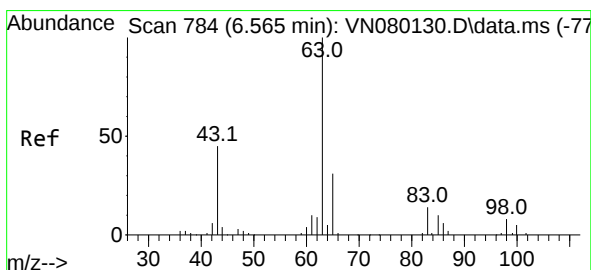
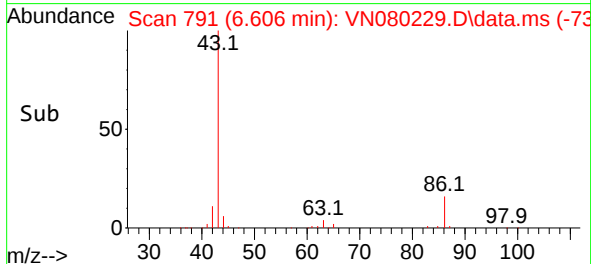
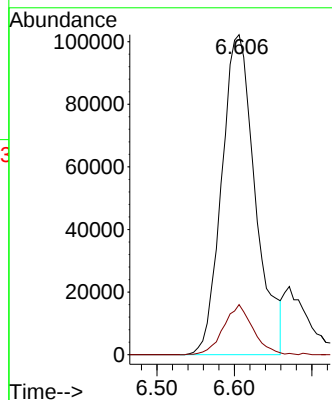
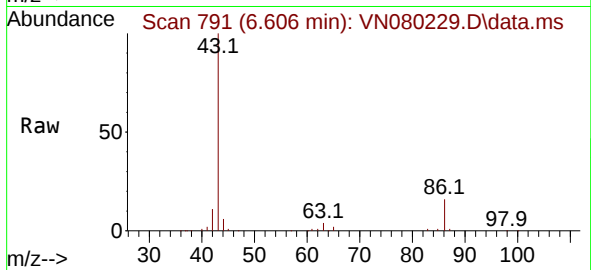
#23
 Vinyl Acetate
 Concen: 89.321 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN080229.D
 Acq: 21 Nov 2023 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBSD01

Tgt Ion: 43 Resp: 309324
 Ion Ratio Lower Upper
 43 100
 86 15.6 13.0 19.6

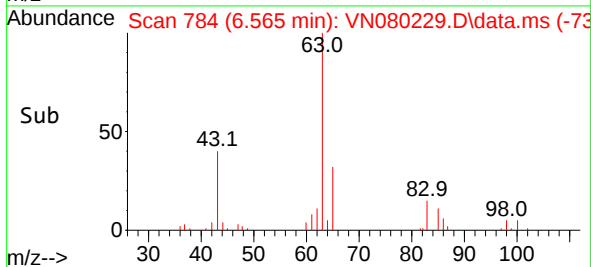
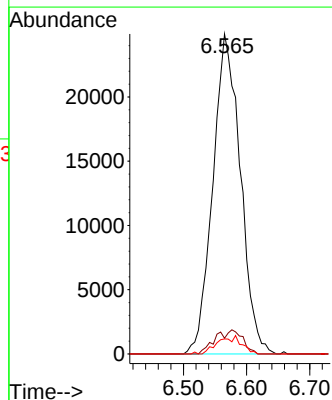
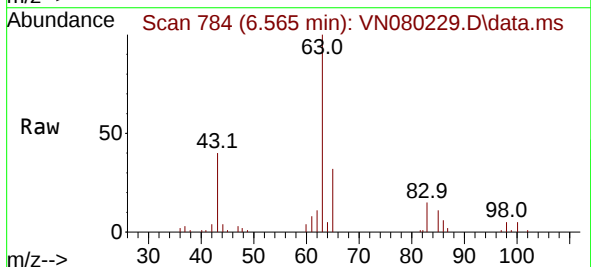
Manual Integrations
 APPROVED

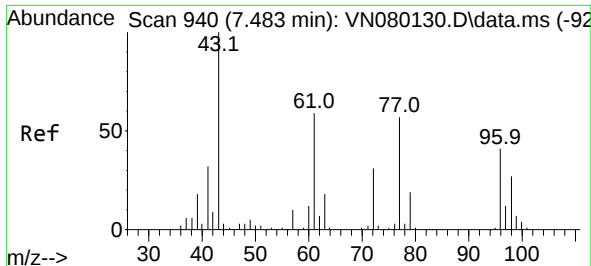
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023



#24
 1,1-Dichloroethane
 Concen: 17.952 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080229.D
 Acq: 21 Nov 2023 14:05

Tgt Ion: 63 Resp: 75316
 Ion Ratio Lower Upper
 63 100
 98 4.9 3.9 11.7
 100 4.7 2.5 7.4





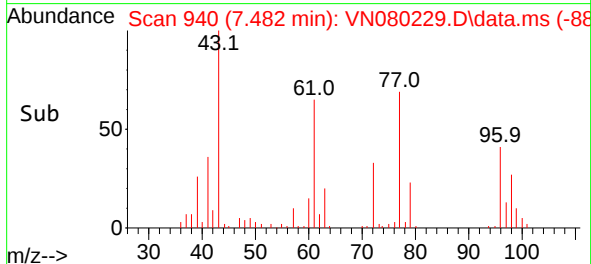
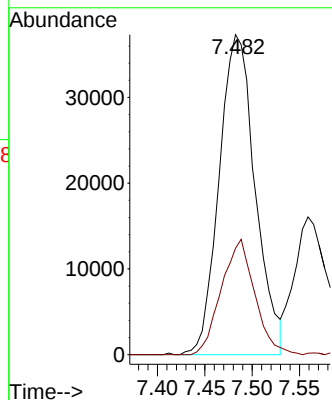
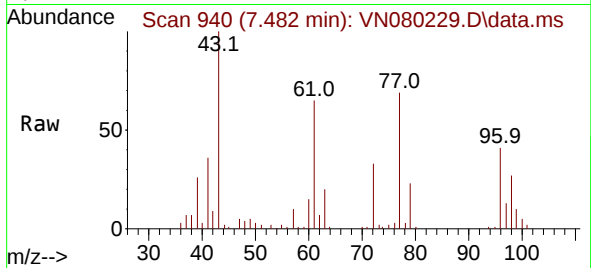
#25
2-Butanone
Concen: 76.664 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion: 43 Resp: 9890
Ion Ratio Lower Upper
43 100
72 33.3 30.2 45.2

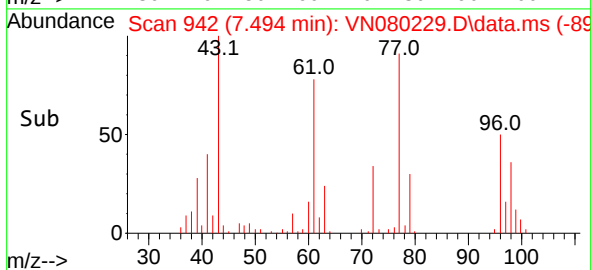
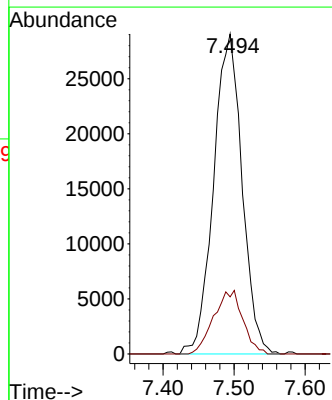
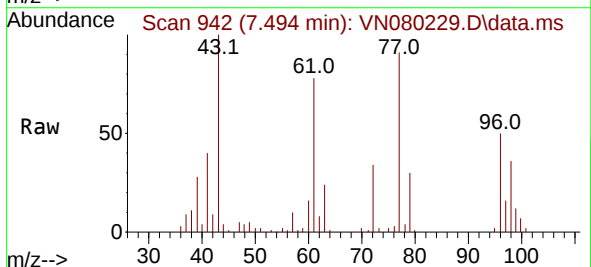
Manual Integrations
APPROVED

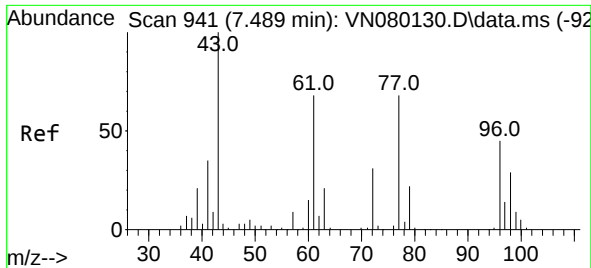
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#26
2,2-Dichloropropane
Concen: 19.431 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

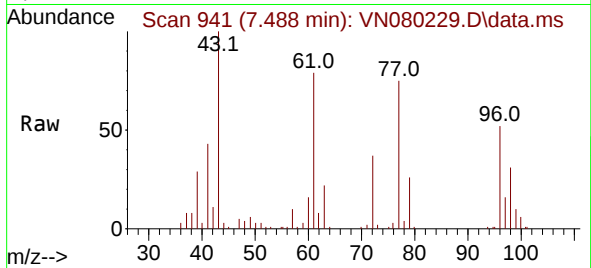
Tgt Ion: 77 Resp: 80881
Ion Ratio Lower Upper
77 100
97 20.3 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 18.307 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

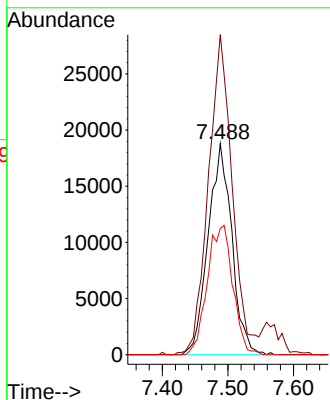
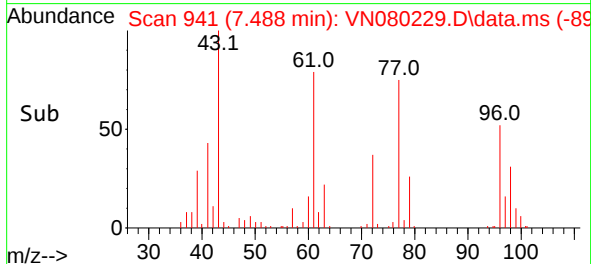
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



Tgt Ion: 96 Resp: 4718
Ion Ratio Lower Upper
96 100
61 151.7 0.0 255.2
98 65.8 0.0 128.8

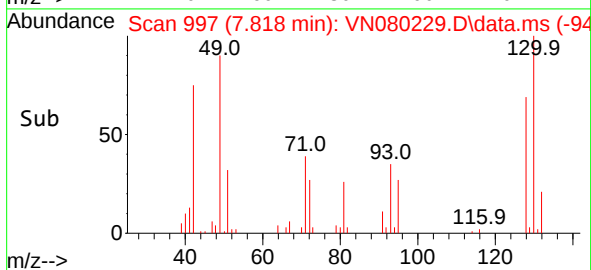
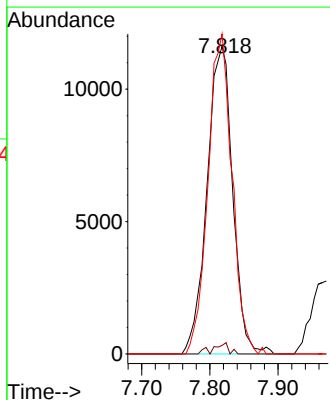
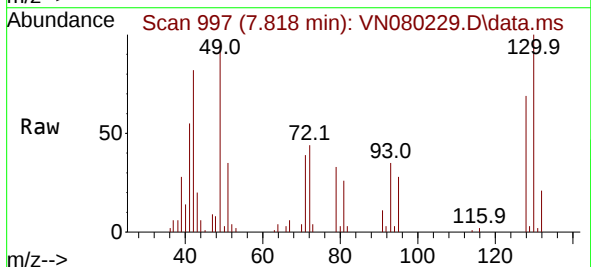
Manual Integrations
APPROVED

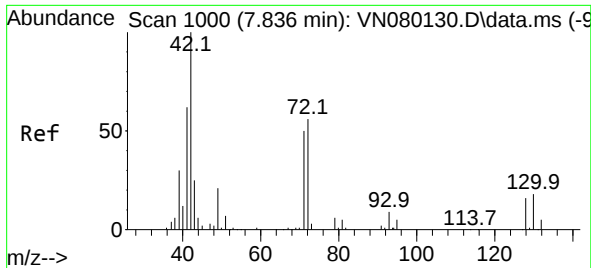
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#28
Bromochloromethane
Concen: 18.438 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

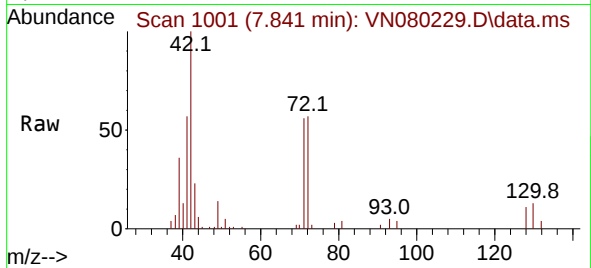
Tgt Ion: 49 Resp: 30411
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.8
130 97.3 75.3 112.9





#29
Tetrahydrofuran
Concen: 87.611 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

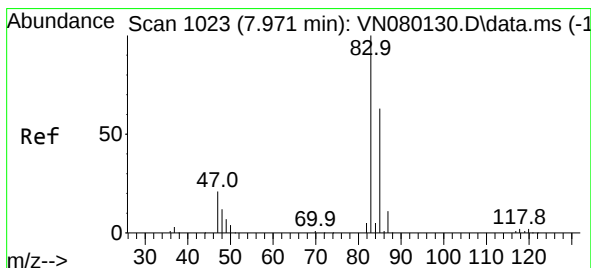
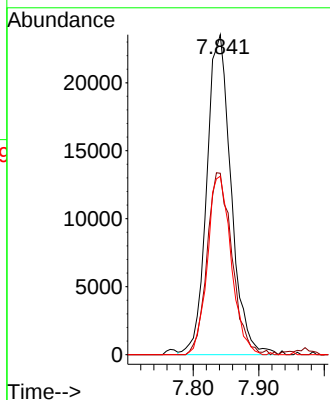
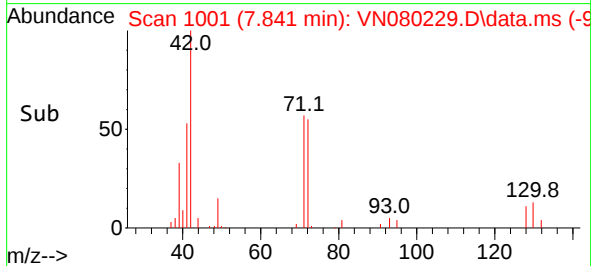
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



Tgt Ion: 42 Resp: 6068
Ion Ratio Lower Upper
42 100
72 58.4 49.8 74.6
71 54.4 47.4 71.2

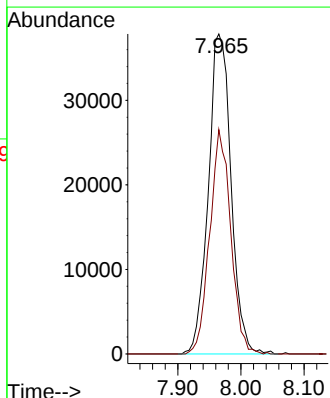
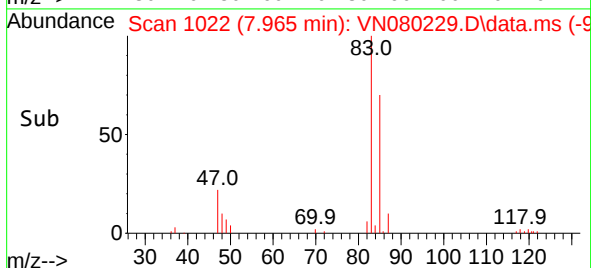
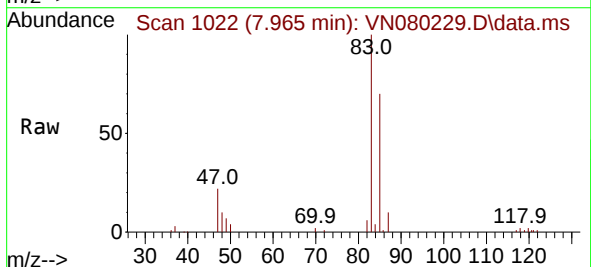
Manual Integrations
APPROVED

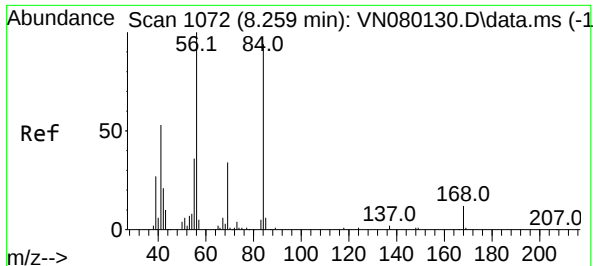
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#30
Chloroform
Concen: 20.199 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

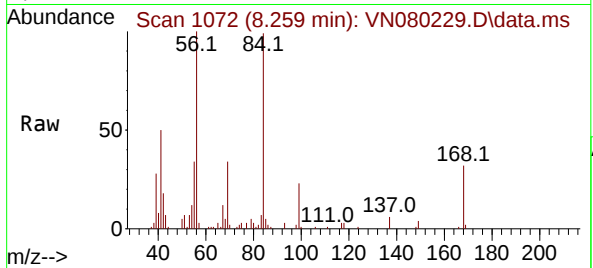
Tgt Ion: 83 Resp: 94722
Ion Ratio Lower Upper
83 100
85 70.1 55.4 83.0





#31
Cyclohexane
Concen: 16.735 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

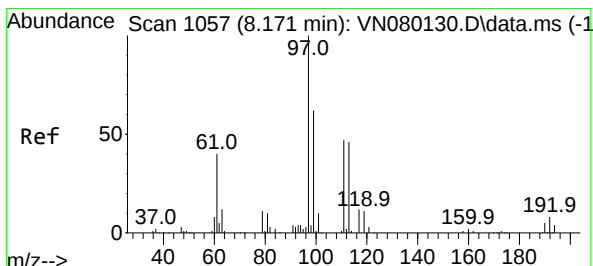
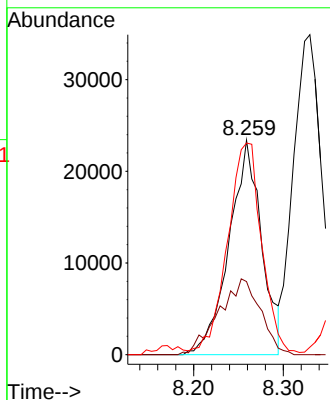
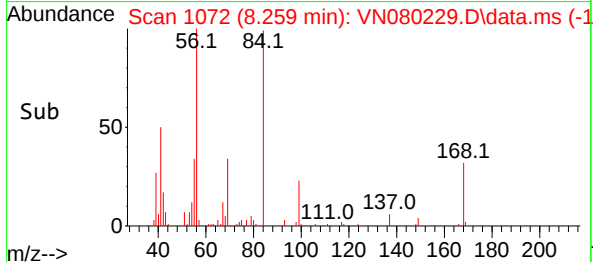
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



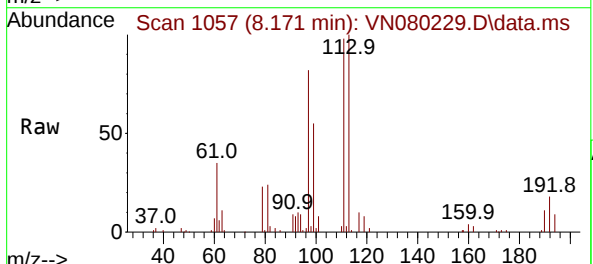
Tgt Ion: 56 Resp: 5883
Ion Ratio Lower Upper
56 100
69 34.1 26.8 40.2
84 94.9 81.8 122.6

Manual Integrations
APPROVED

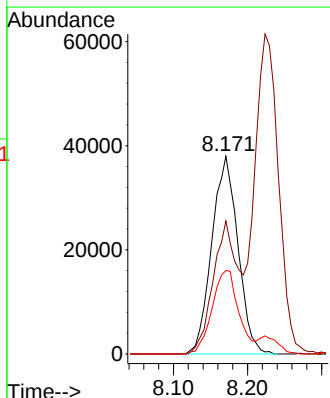
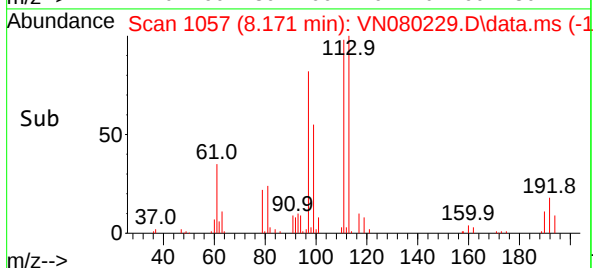
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

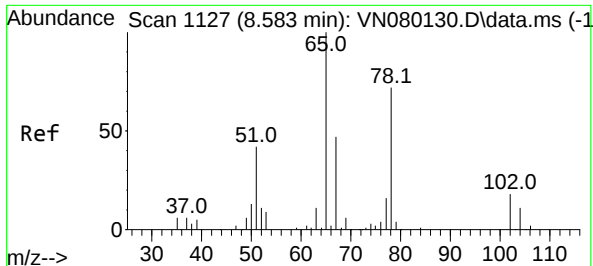


#32
1,1,1-Trichloroethane
Concen: 20.293 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05



Tgt Ion: 97 Resp: 92803
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 43.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.227 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD01

Tgt Ion: 65 Resp: 16237

Ion Ratio Lower Upper

65 100

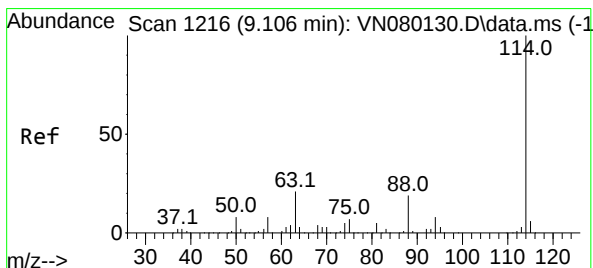
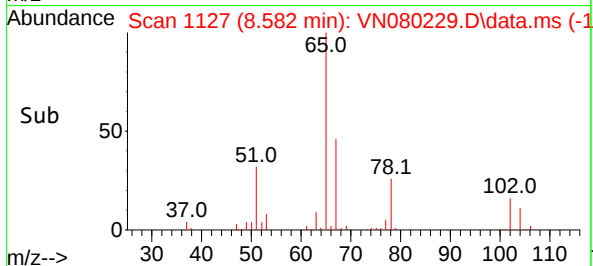
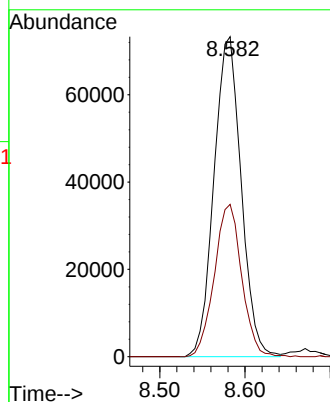
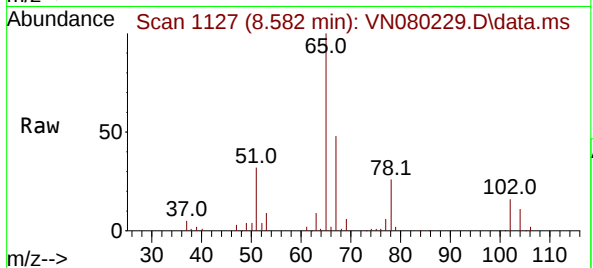
67 47.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

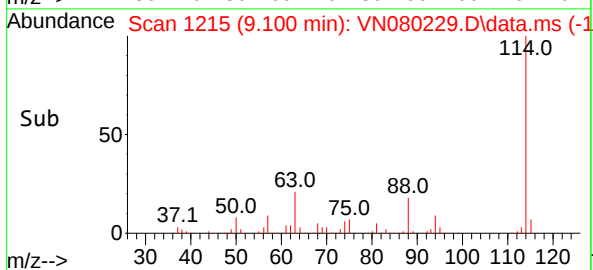
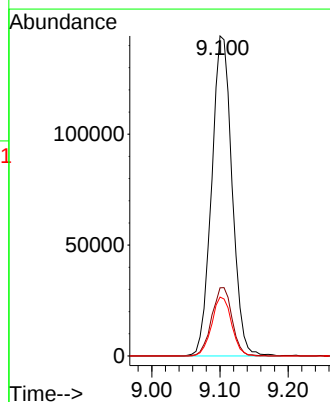
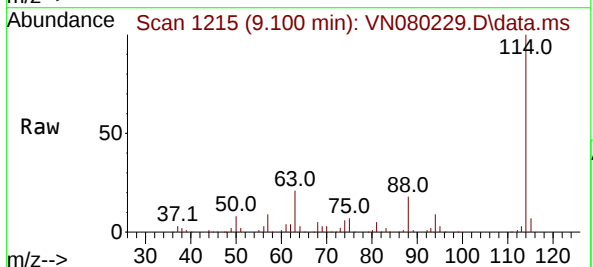
Tgt Ion:114 Resp: 300824

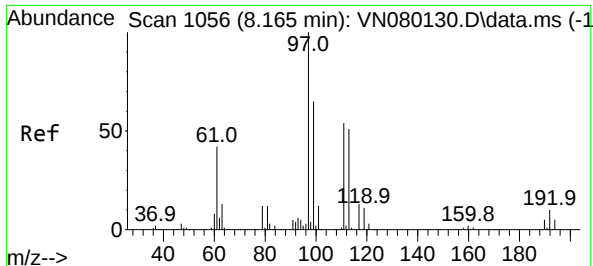
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

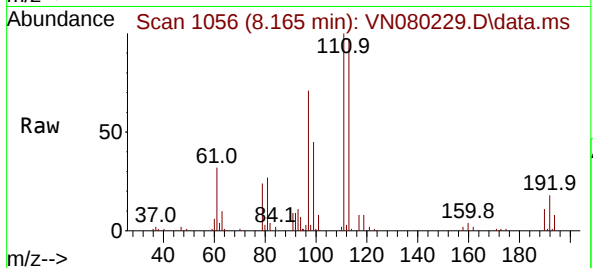
88 18.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.275 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

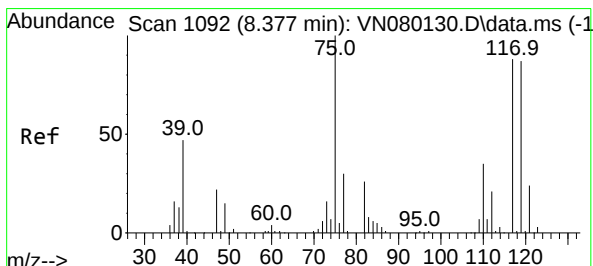
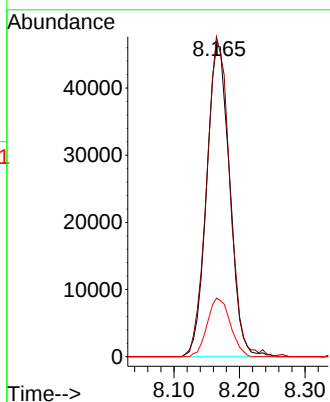
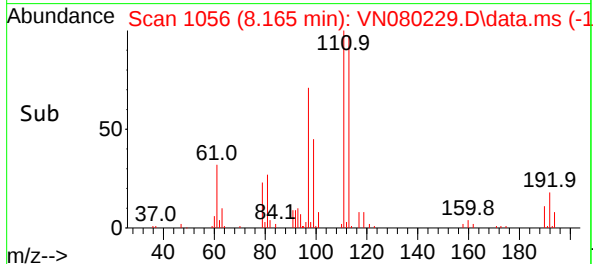
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



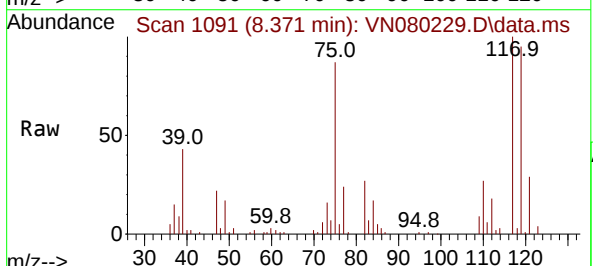
Tgt Ion: 113 Resp: 11381
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 18.7 12.7 19.1

Manual Integrations
APPROVED

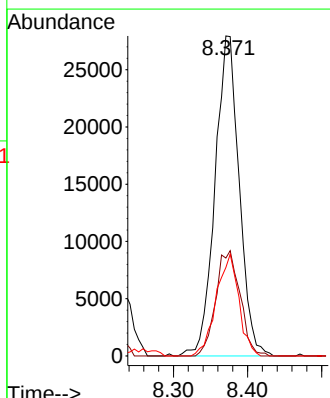
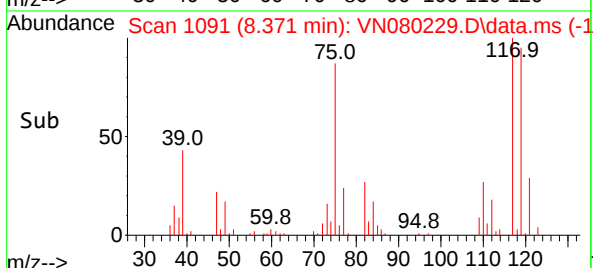
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

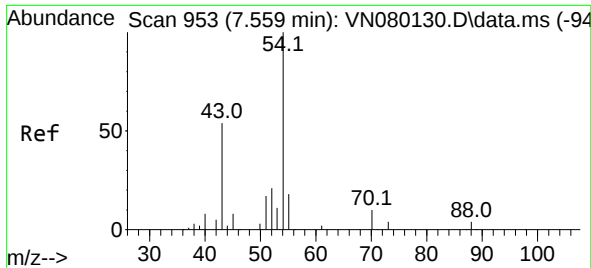


#36
1,1-Dichloropropene
Concen: 19.709 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05



Tgt Ion: 75 Resp: 63338
Ion Ratio Lower Upper
75 100
110 33.0 19.1 57.3
77 29.8 25.0 37.4





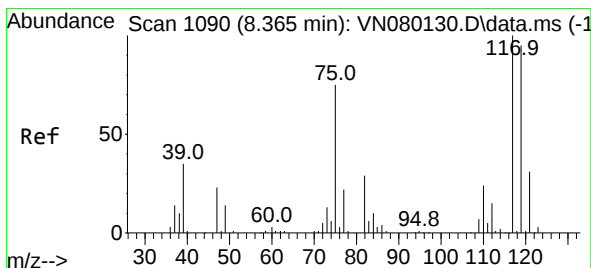
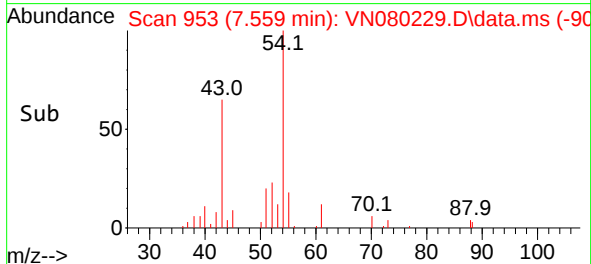
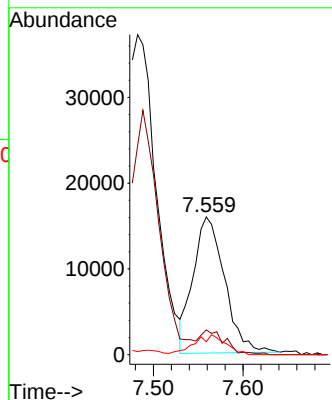
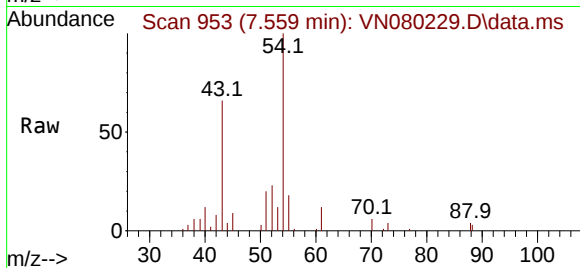
#37
Ethyl Acetate
Concen: 17.390 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion: 43 Resp: 3876
Ion Ratio Lower Upper
43 100
61 14.3 13.2 19.8
70 14.5 11.3 16.9

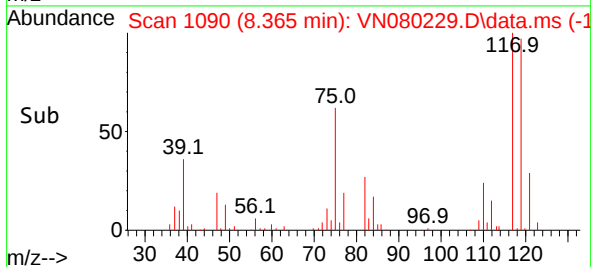
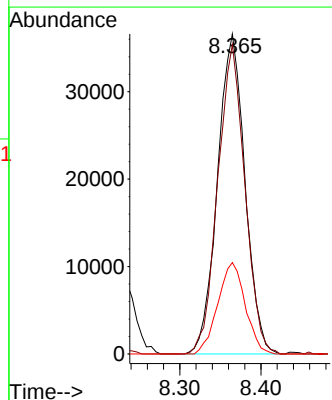
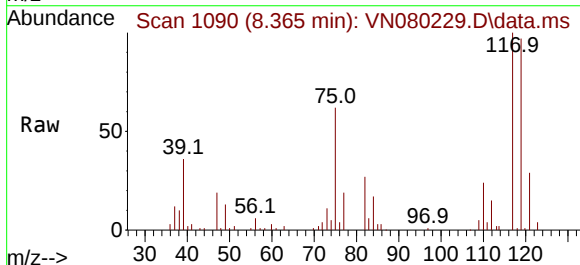
Manual Integrations
APPROVED

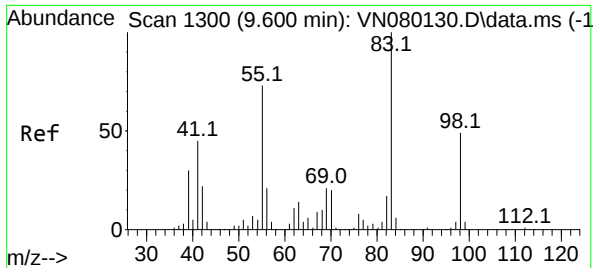
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#38
Carbon Tetrachloride
Concen: 21.119 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Tgt Ion:117 Resp: 86127
Ion Ratio Lower Upper
117 100
119 96.7 77.3 115.9
121 28.5 23.3 34.9





#39

Methylcyclohexane

Concen: 18.206 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD01

Tgt Ion: 83 Resp: 56414

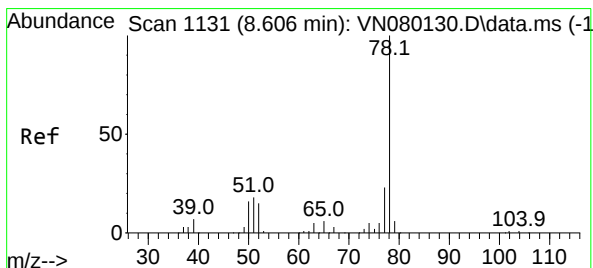
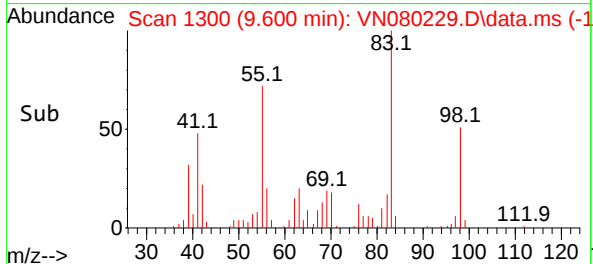
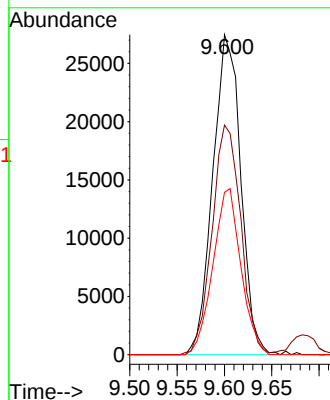
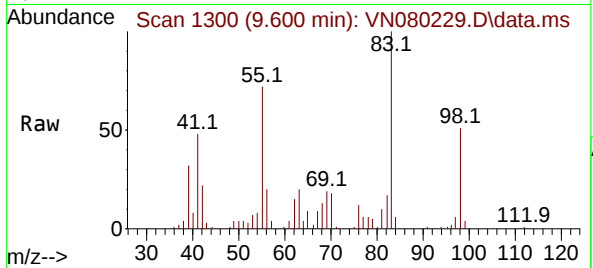
Ion	Ratio	Lower	Upper
83	100		
55	71.7	49.1	73.7
98	50.8	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#40

Benzene

Concen: 19.160 ug/l

RT: 8.606 min Scan# 1131

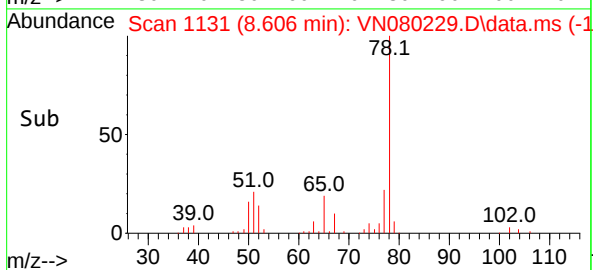
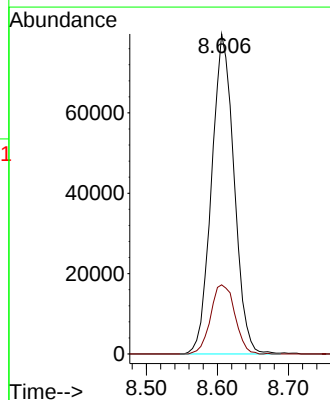
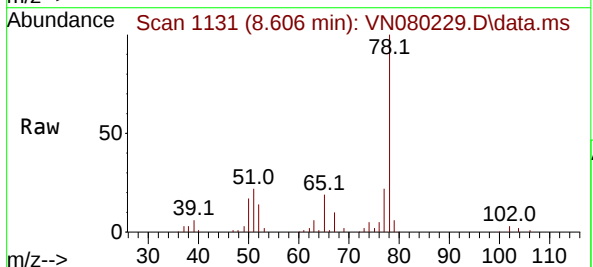
Delta R.T. -0.000 min

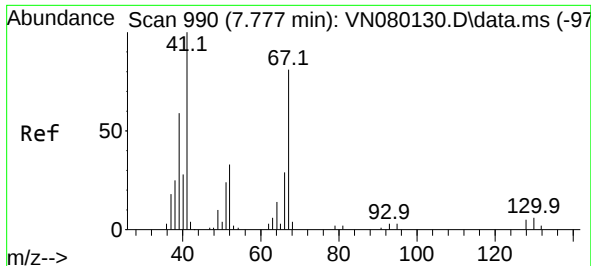
Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

Tgt Ion: 78 Resp: 175004

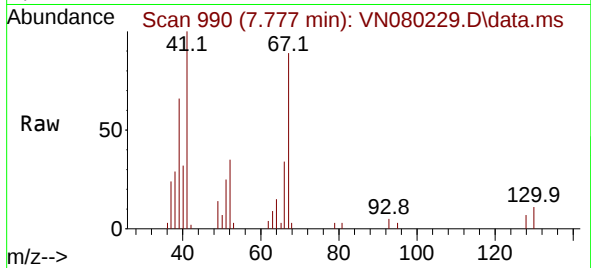
Ion	Ratio	Lower	Upper
78	100		
77	21.6	19.0	28.6





#41
Methacrylonitrile
Concen: 18.311 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

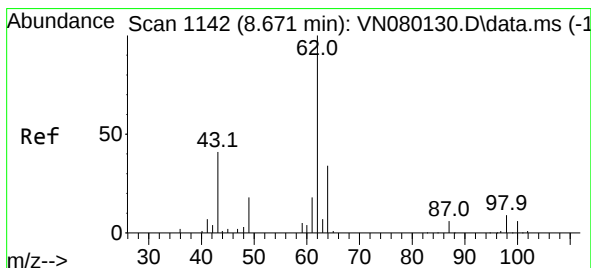
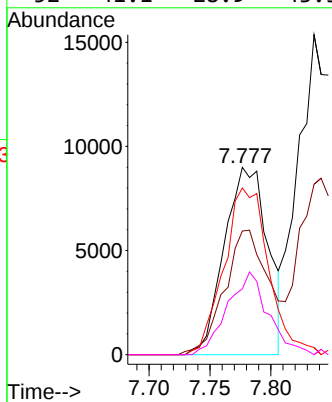
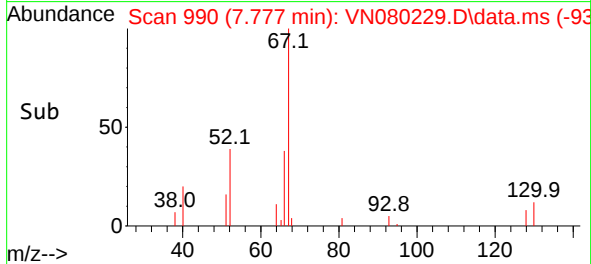
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



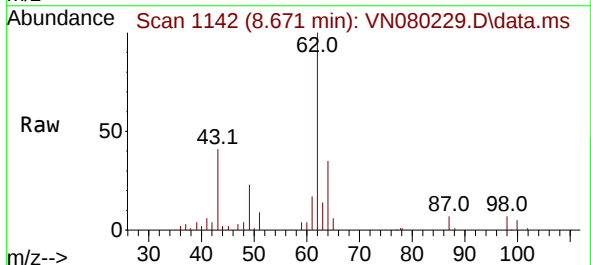
Tgt Ion: 41 Resp: 22410
Ion Ratio Lower Upper
41 100
39 69.3 42.6 64.0
67 91.3 77.5 116.3
52 41.1 28.9 43.3

Manual Integrations
APPROVED

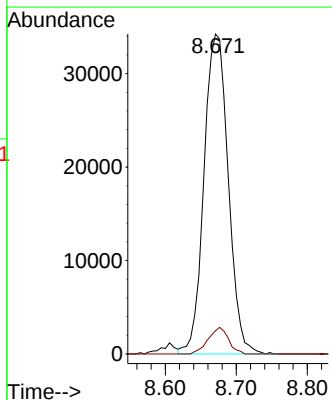
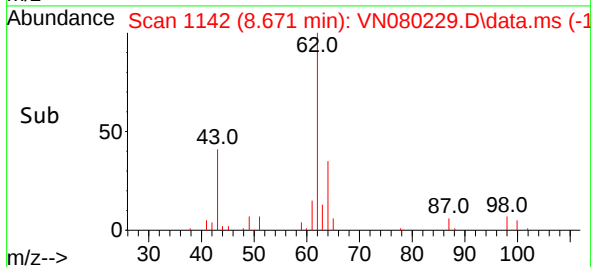
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

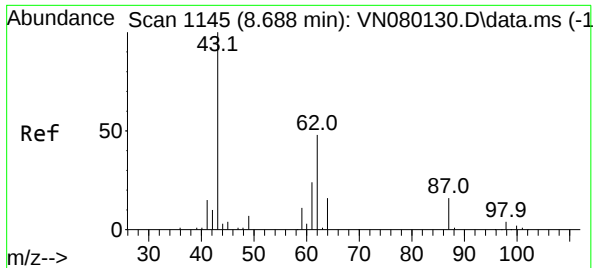


#42
1,2-Dichloroethane
Concen: 21.768 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05



Tgt Ion: 62 Resp: 81341
Ion Ratio Lower Upper
62 100
98 6.9 0.0 19.8





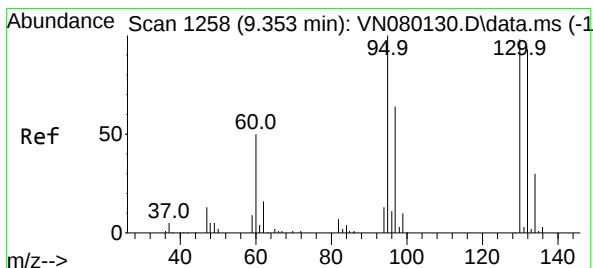
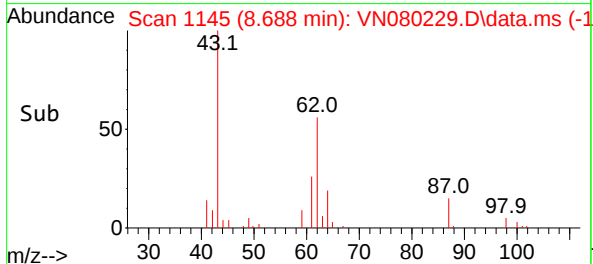
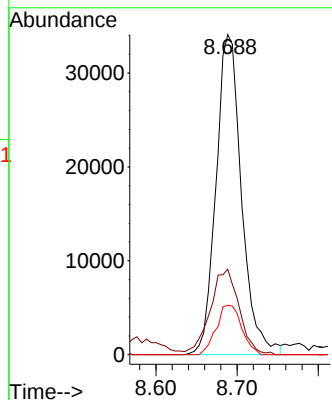
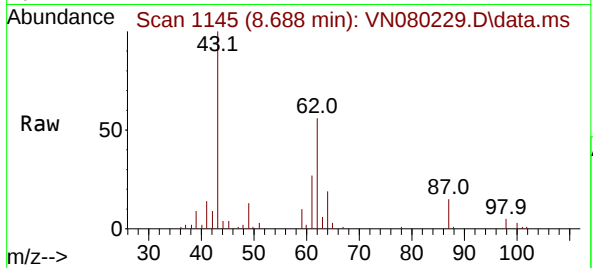
#43
Isopropyl Acetate
Concen: 17.185 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion: 43 Resp: 74544
Ion Ratio Lower Upper
43 100
61 30.3 24.7 37.1
87 15.3 14.6 21.8

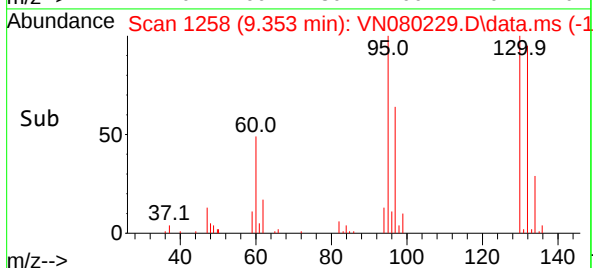
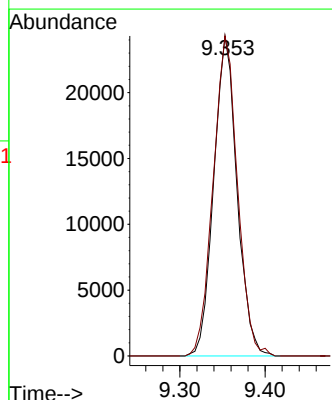
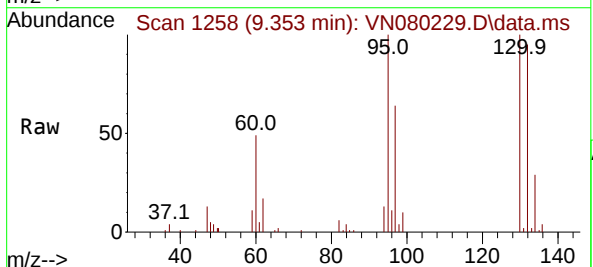
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#44
Trichloroethene
Concen: 19.231 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Tgt Ion:130 Resp: 46075
Ion Ratio Lower Upper
130 100
95 100.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.855 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD01

Tgt Ion: 63 Resp: 4002

Ion Ratio Lower Upper

63 100

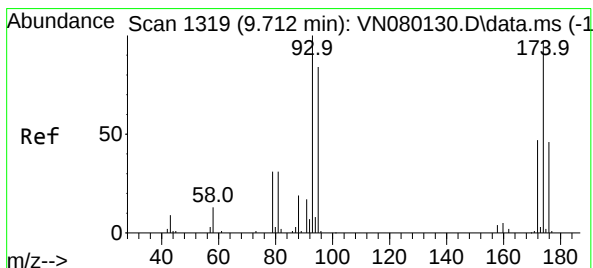
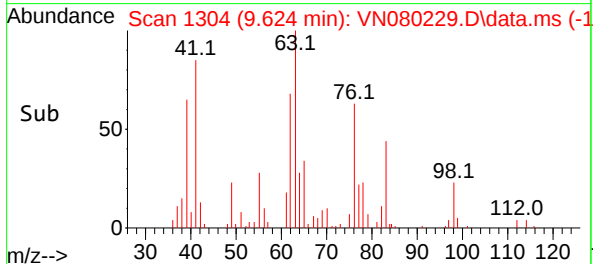
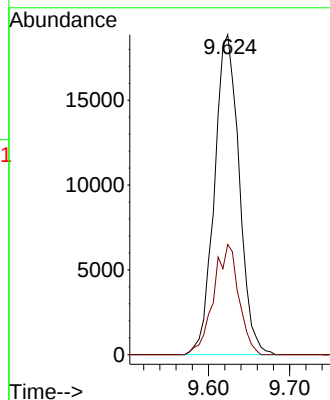
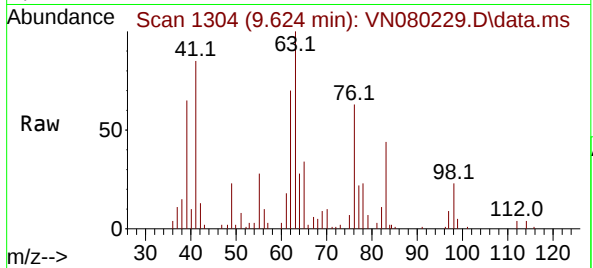
65 34.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#46

Dibromomethane

Concen: 20.514 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

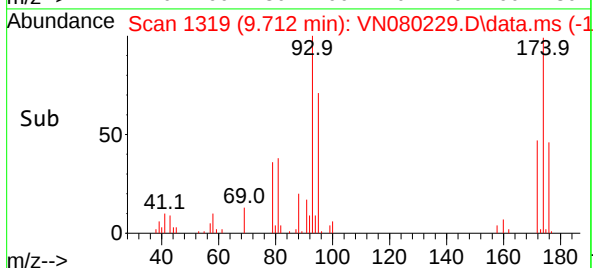
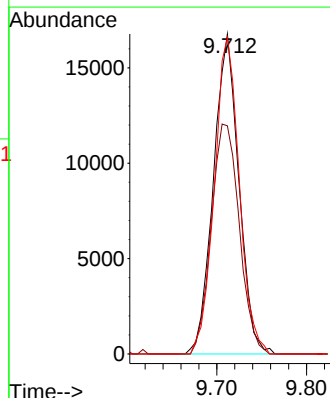
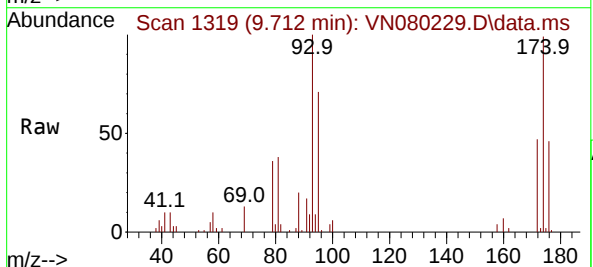
Tgt Ion: 93 Resp: 32961

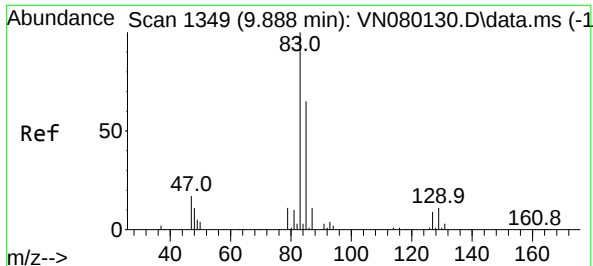
Ion Ratio Lower Upper

93 100

95 79.2 63.8 95.8

174 97.1 65.6 98.4





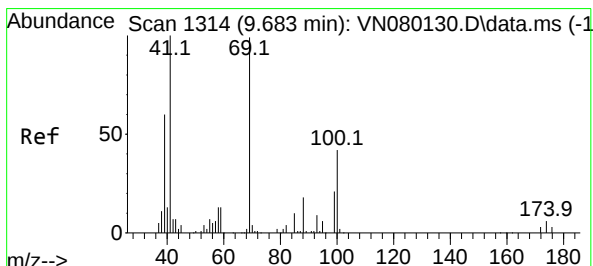
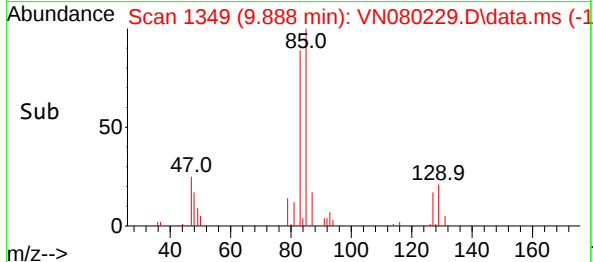
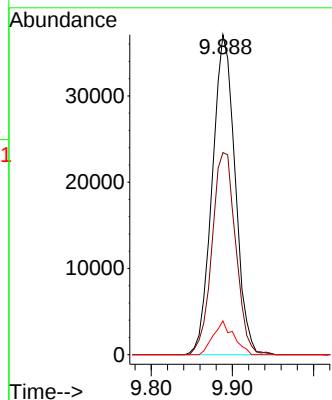
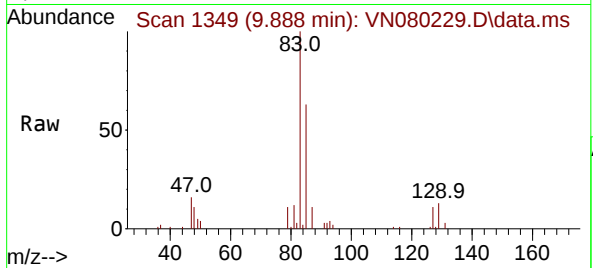
#47
Bromodichloromethane
Concen: 20.538 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion: 83 Resp: 72590
Ion Ratio Lower Upper
83 100
85 63.2 49.6 74.4
127 10.6 7.0 10.6

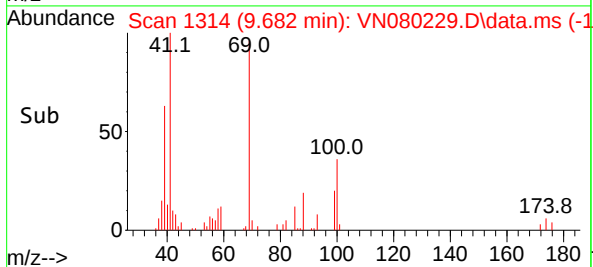
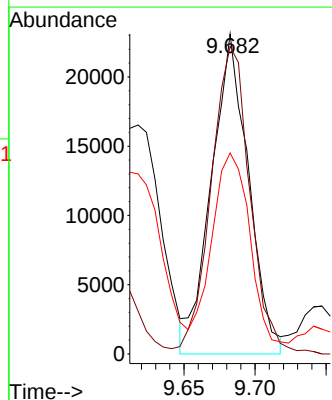
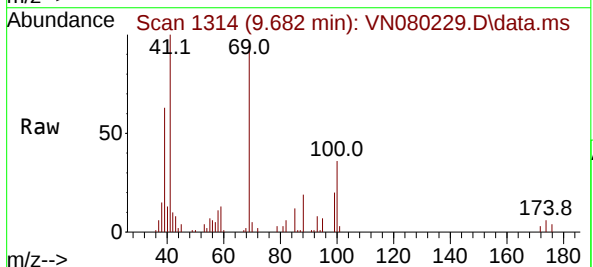
Manual Integrations
APPROVED

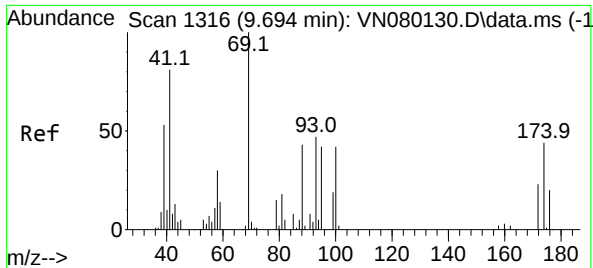
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#48
Methyl methacrylate
Concen: 18.763 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

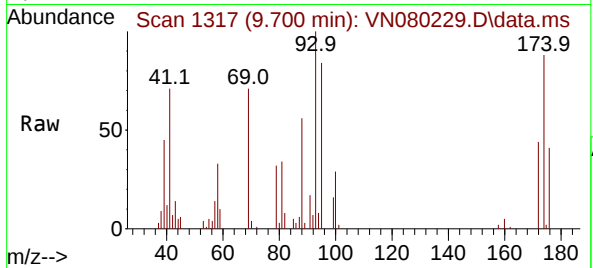
Tgt Ion: 41 Resp: 41944
Ion Ratio Lower Upper
41 100
69 100.7 90.4 135.6
39 66.9 54.6 81.8





#49
1,4-Dioxane
Concen: 354.566 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

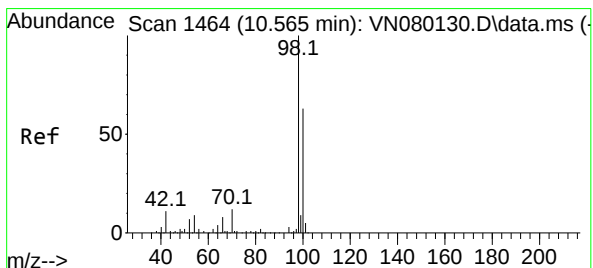
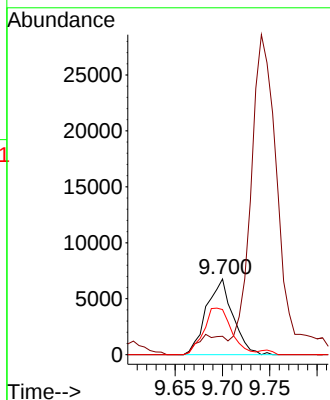
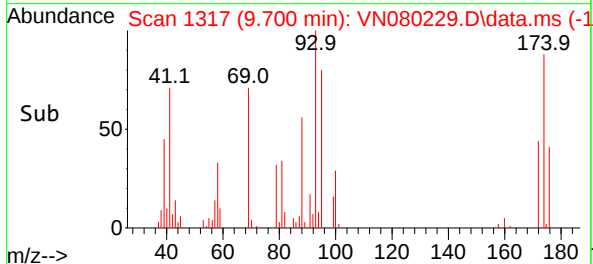
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



Tgt Ion: 88 Resp: 13180
Ion Ratio Lower Upper
88 100
43 27.4 17.0 25.6
58 64.4 47.0 70.4

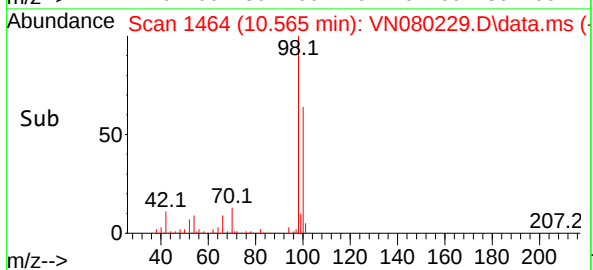
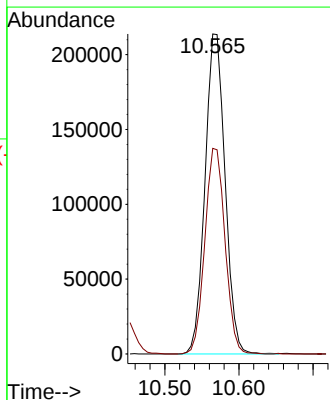
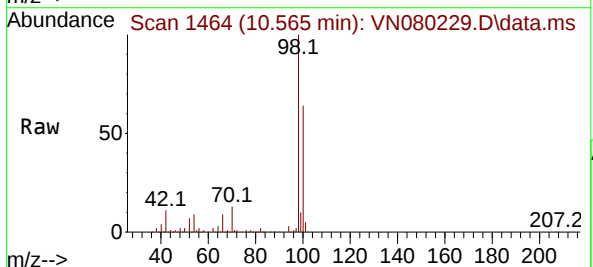
Manual Integrations
APPROVED

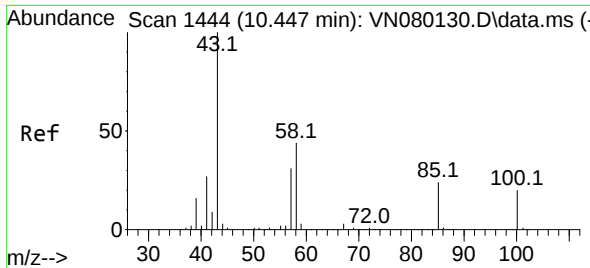
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#50
Toluene-d8
Concen: 50.183 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

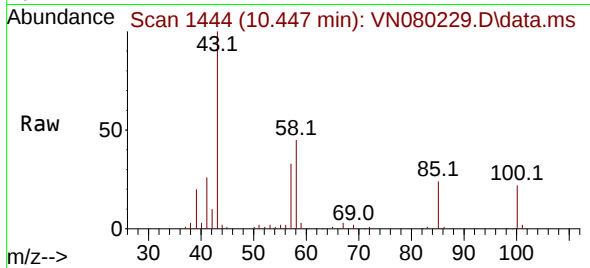
Tgt Ion: 98 Resp: 401540
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 91.036 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

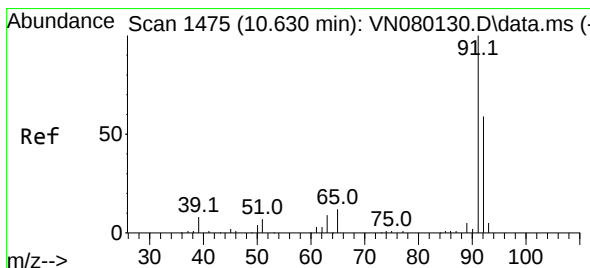
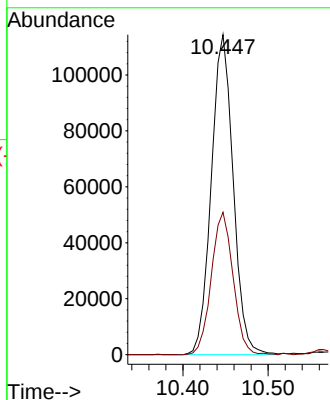
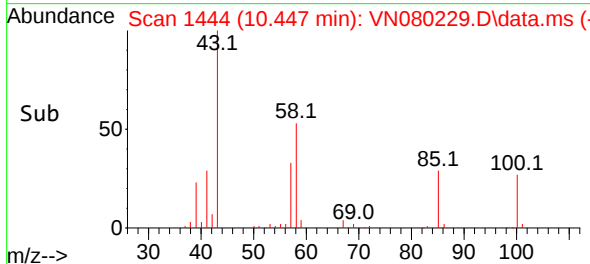
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



Tgt Ion: 43 Resp: 20444
Ion Ratio Lower Upper
43 100
58 44.1 36.6 54.8

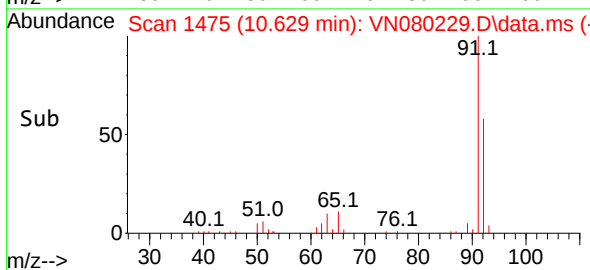
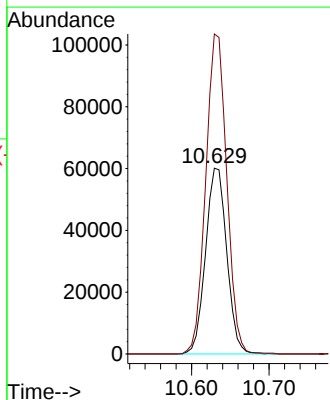
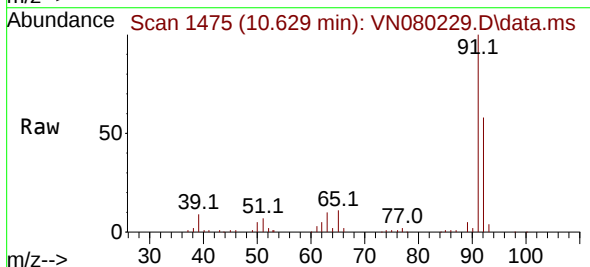
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#52
Toluene
Concen: 19.980 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Tgt Ion: 92 Resp: 114206
Ion Ratio Lower Upper
92 100
91 170.9 137.4 206.0





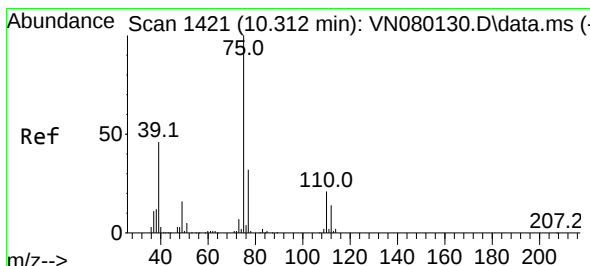
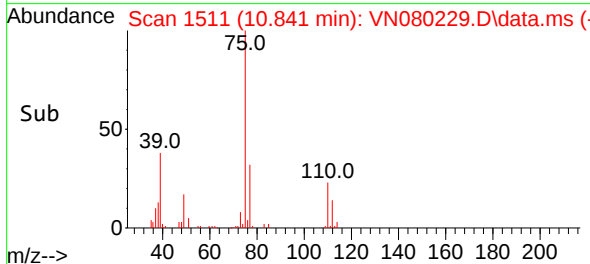
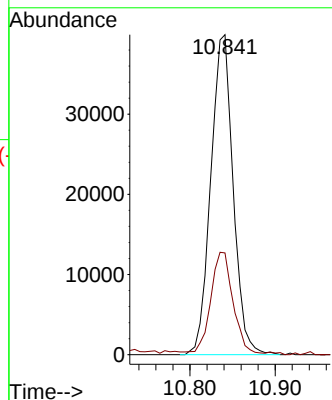
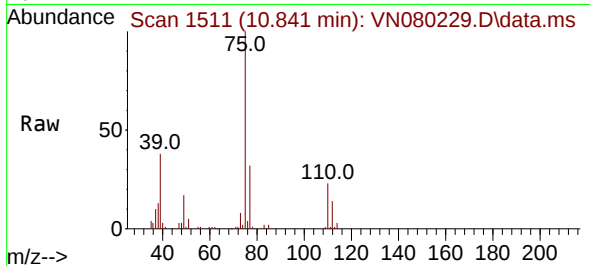
#53
t-1,3-Dichloropropene
Concen: 20.073 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion: 75 Resp: 72892
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

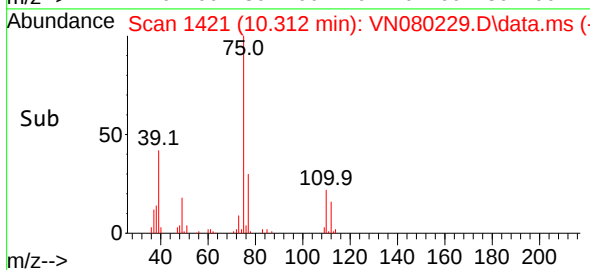
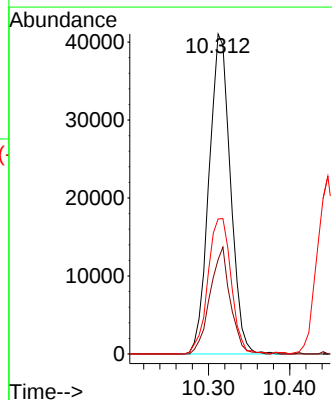
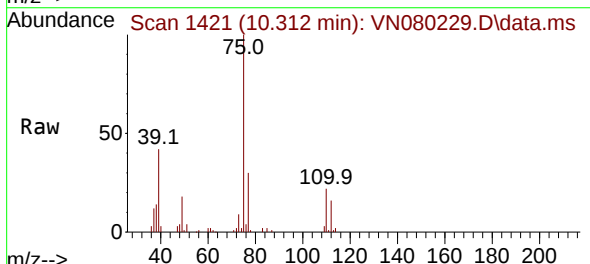
Manual Integrations
APPROVED

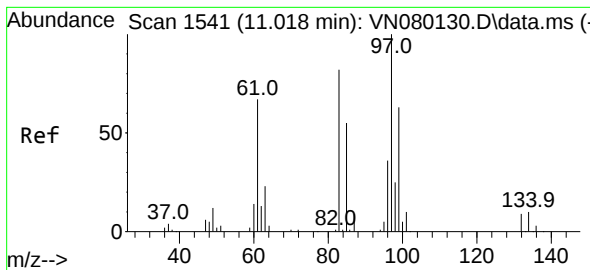
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#54
cis-1,3-Dichloropropene
Concen: 20.292 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

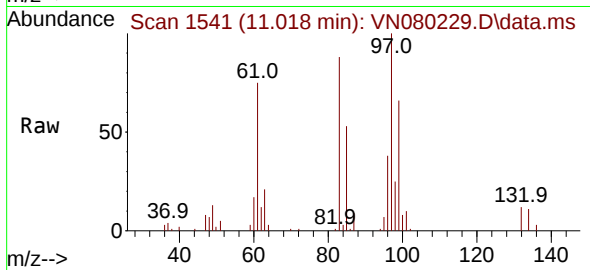
Tgt Ion: 75 Resp: 75283
Ion Ratio Lower Upper
75 100
77 29.5 26.1 39.1
39 42.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.393 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

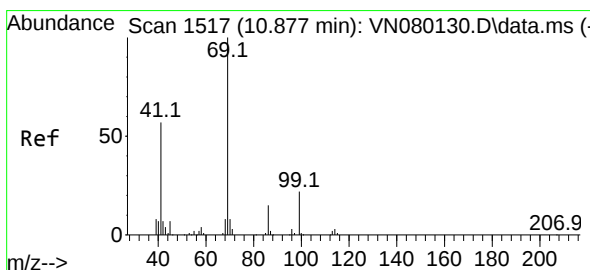
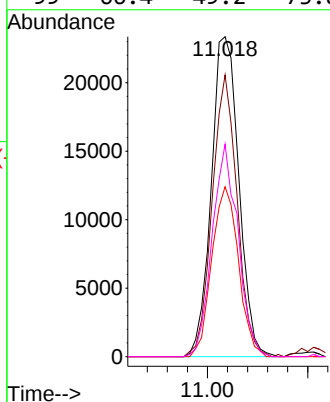
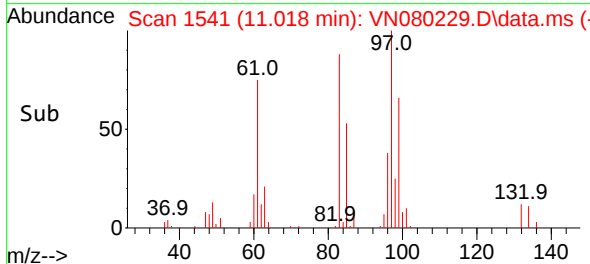


Tgt Ion: 97 Resp: 44490

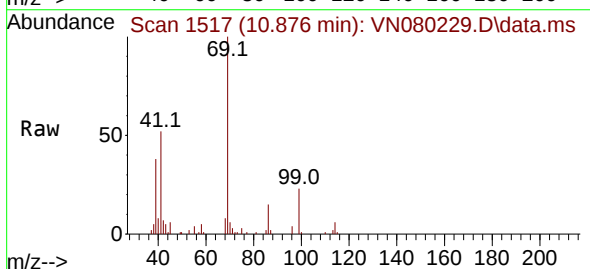
Ion	Ratio	Lower	Upper
97	100		
83	88.0	65.1	97.7
85	53.1	43.4	65.2
99	66.4	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

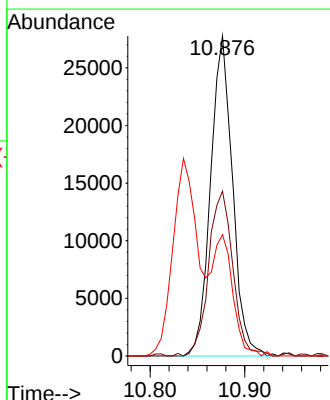
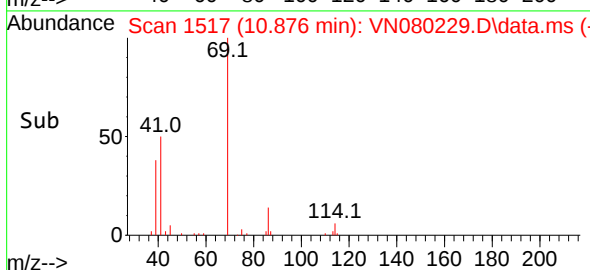


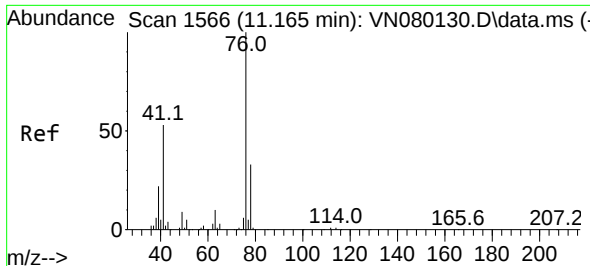
#56
Ethyl methacrylate
Concen: 20.033 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05



Tgt Ion: 69 Resp: 44649

Ion	Ratio	Lower	Upper
69	100		
41	56.8	39.6	59.4
39	36.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.650 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD01

Tgt Ion: 76 Resp: 7484

Ion Ratio Lower Upper

76 100

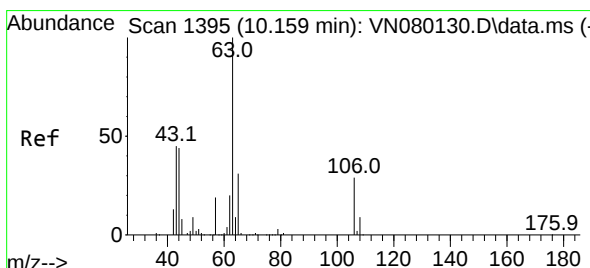
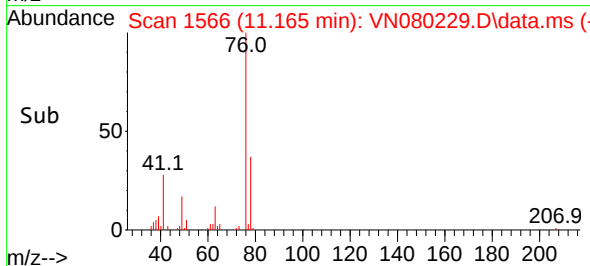
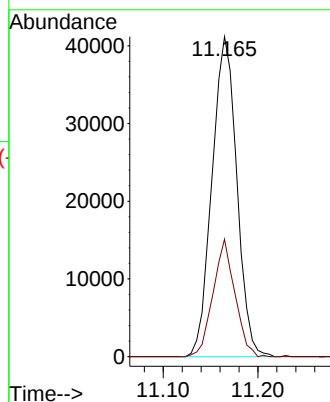
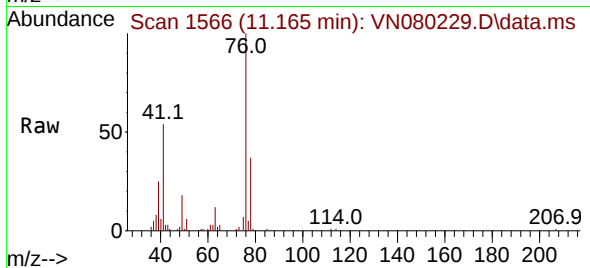
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 94.197 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080229.D

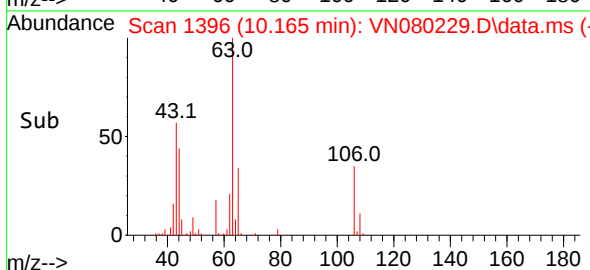
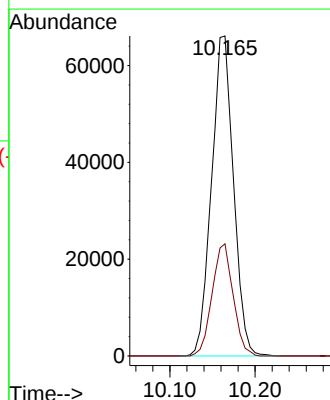
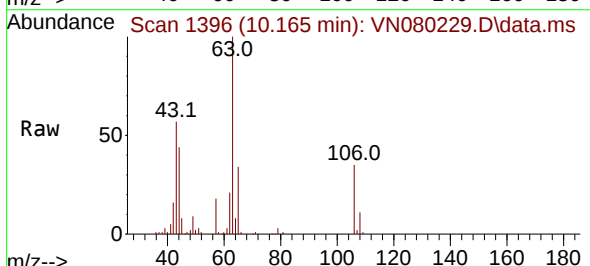
Acq: 21 Nov 2023 14:05

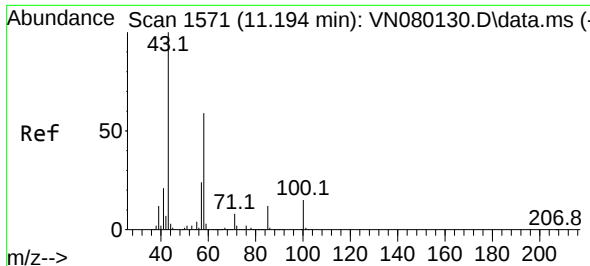
Tgt Ion: 63 Resp: 118273

Ion Ratio Lower Upper

63 100

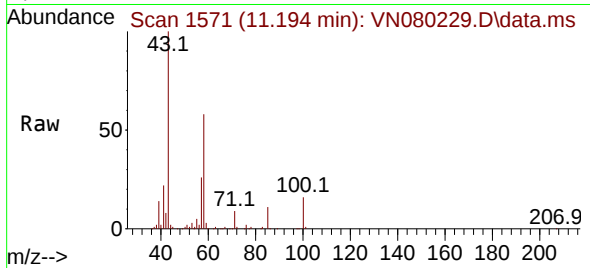
106 33.5 26.2 39.4





#59
2-Hexanone
Concen: 85.174 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

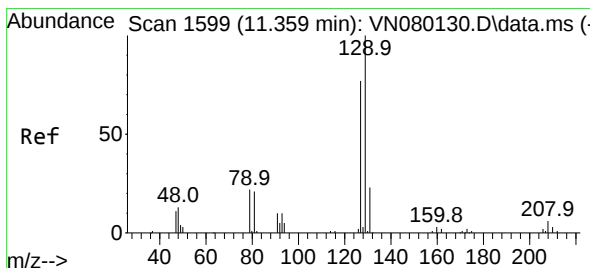
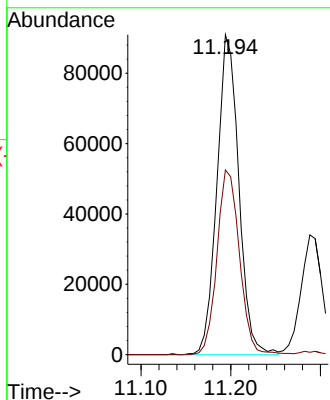
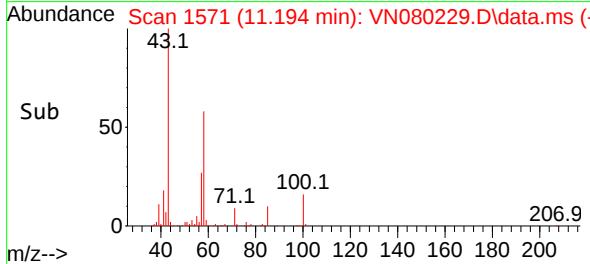
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



Tgt Ion: 43 Resp: 153700
Ion Ratio Lower Upper
43 100
58 59.4 31.7 95.1

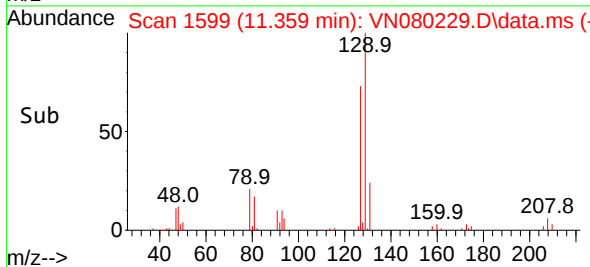
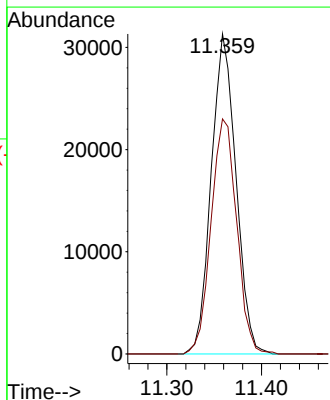
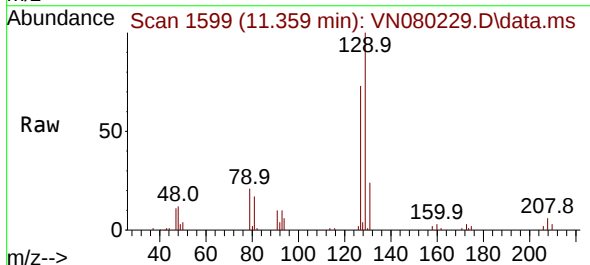
Manual Integrations
APPROVED

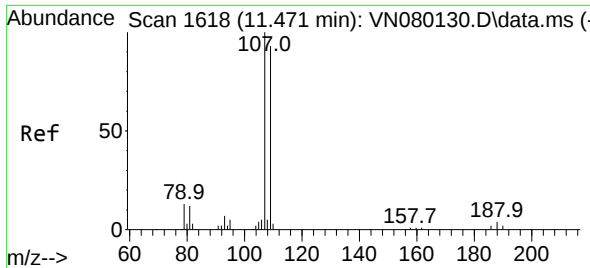
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#60
Dibromochloromethane
Concen: 21.733 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Tgt Ion:129 Resp: 56763
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





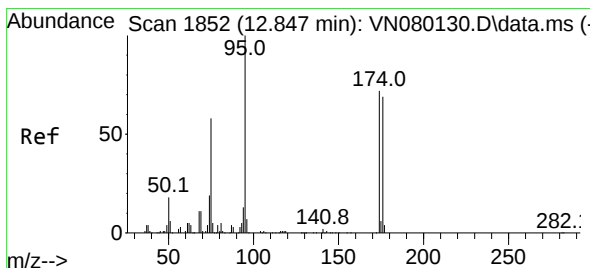
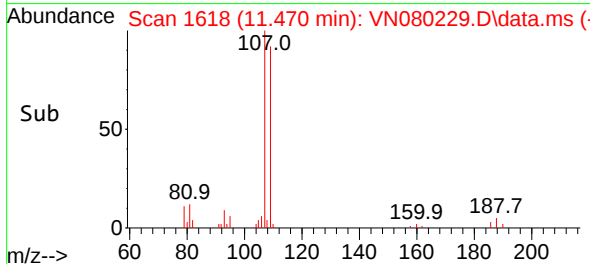
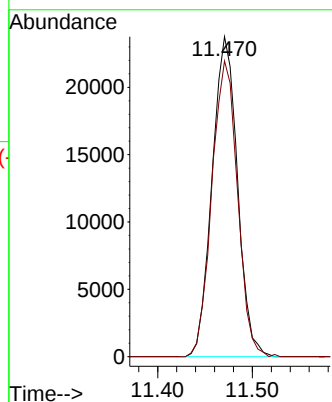
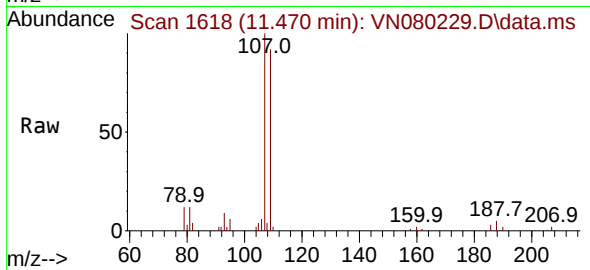
#61
1,2-Dibromoethane
Concen: 19.840 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion:107 Resp: 44150
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8

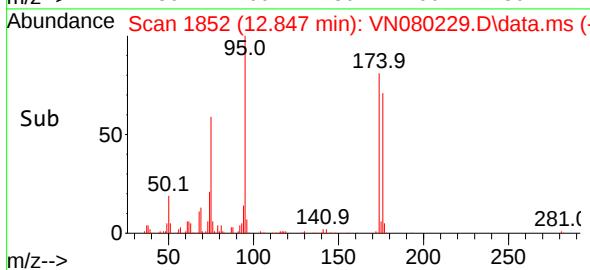
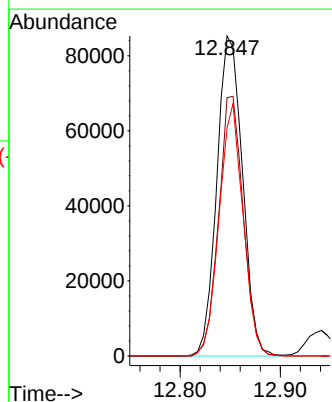
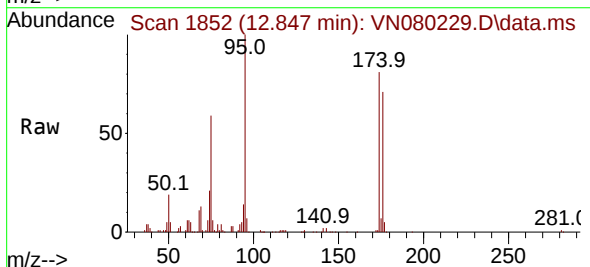
Manual Integrations
APPROVED

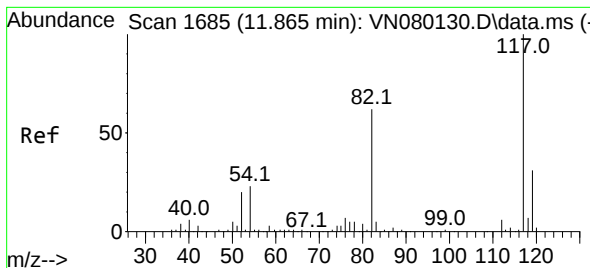
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#62
4-Bromofluorobenzene
Concen: 50.083 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

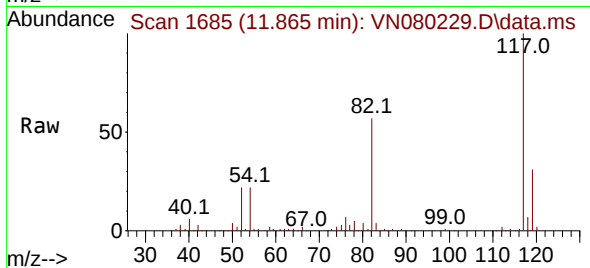
Tgt Ion: 95 Resp: 151365
Ion Ratio Lower Upper
95 100
174 78.0 0.0 143.8
176 73.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

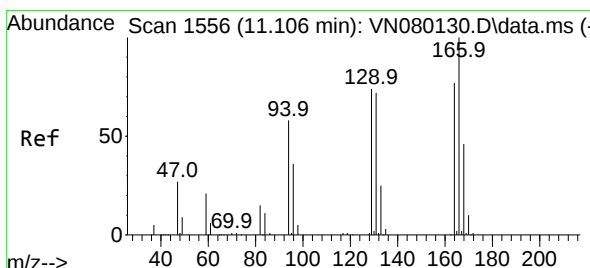
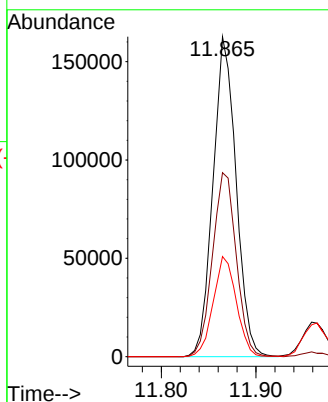
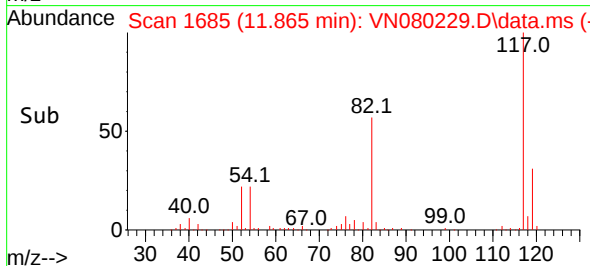
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



Tgt Ion:117 Resp: 27546
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 31.3 25.6 38.4

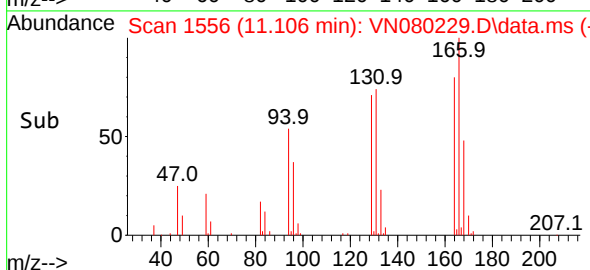
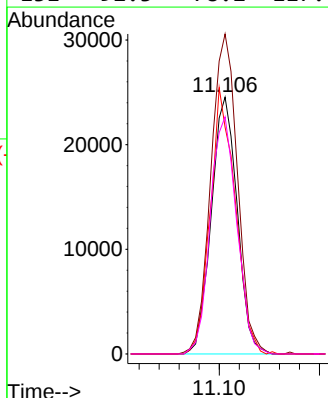
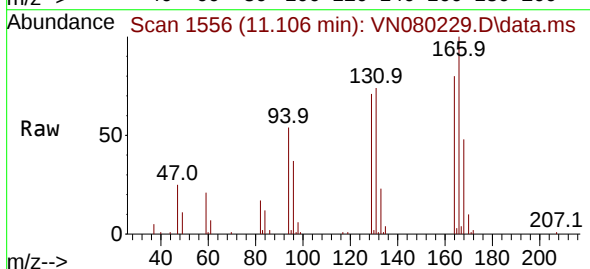
Manual Integrations
APPROVED

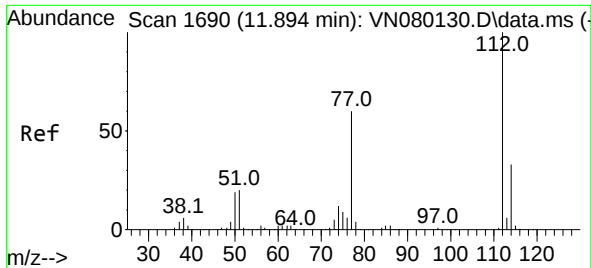
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#64
Tetrachloroethene
Concen: 20.858 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Tgt Ion:164 Resp: 43849
Ion Ratio Lower Upper
164 100
166 124.6 101.4 152.0
129 88.3 82.4 123.6
131 92.3 78.2 117.4





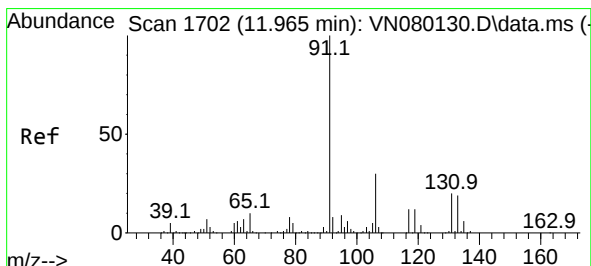
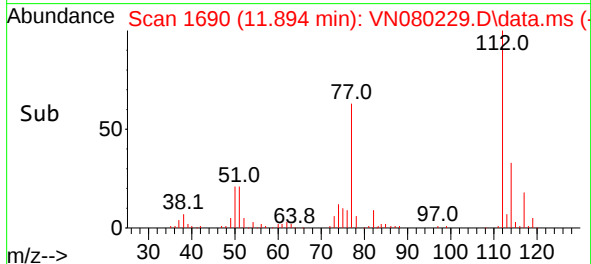
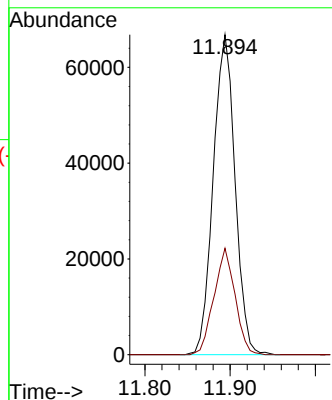
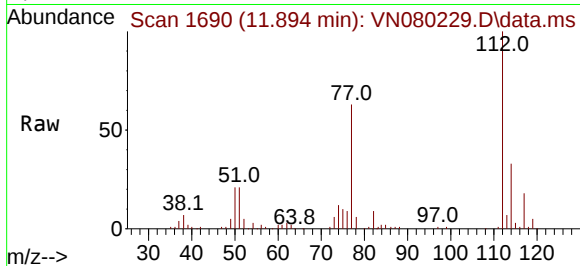
#65
Chlorobenzene
Concen: 19.013 ug/l
RT: 11.894 min Scan# 11867
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion:112 Resp: 11867
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4

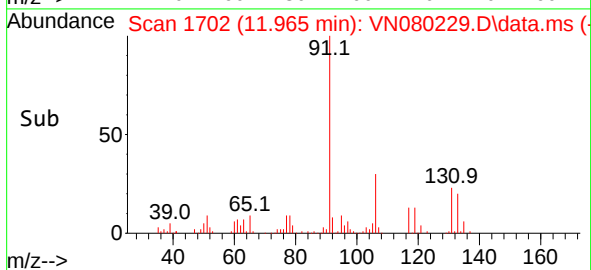
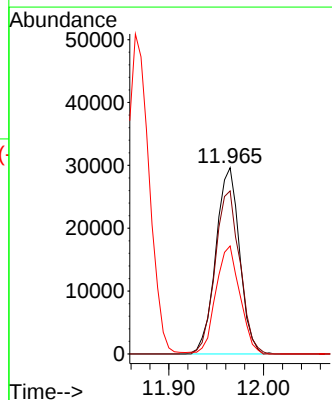
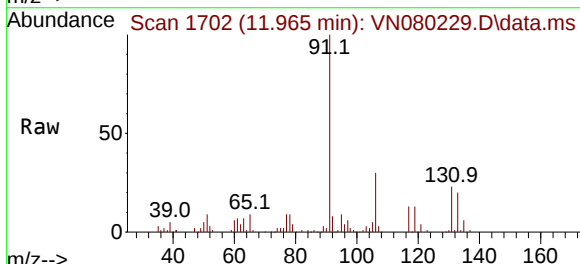
Manual Integrations
APPROVED

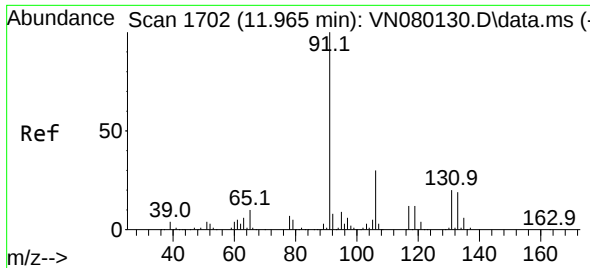
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.362 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

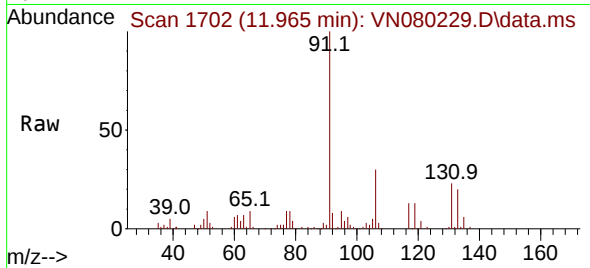
Tgt Ion:131 Resp: 51743
Ion Ratio Lower Upper
131 100
133 90.9 46.4 139.1
119 58.6 34.1 102.2





#67
Ethyl Benzene
Concen: 19.551 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

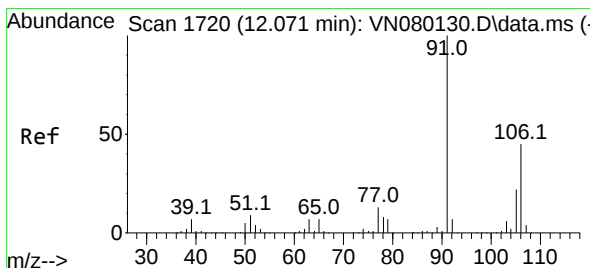
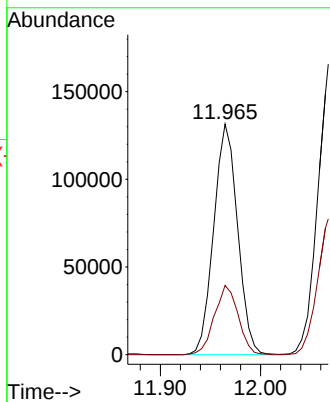
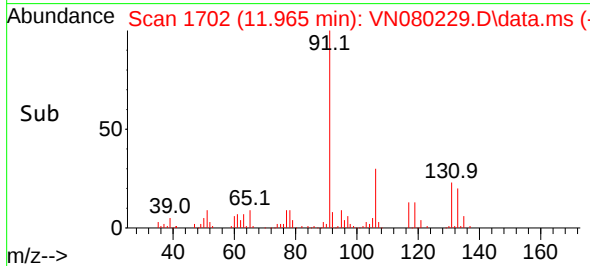
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



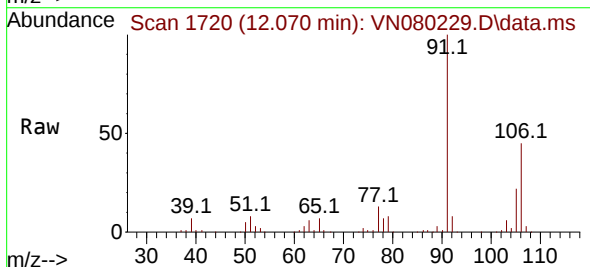
Tgt Ion: 91 Resp: 217159
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

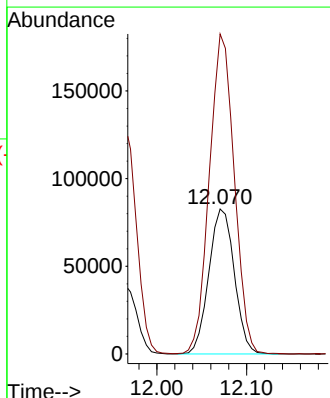
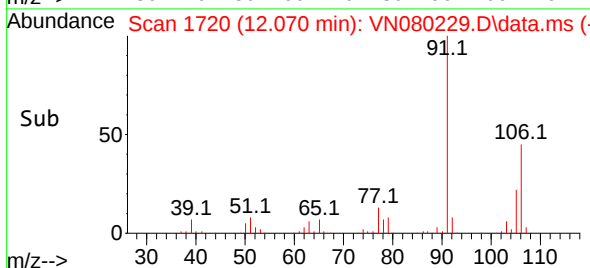
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#68
m/p-Xylenes
Concen: 40.266 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05



Tgt Ion:106 Resp: 163066
Ion Ratio Lower Upper
106 100
91 216.2 159.6 239.4





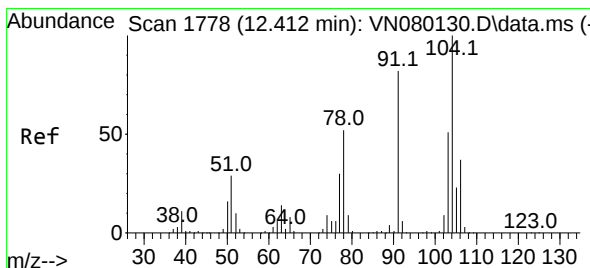
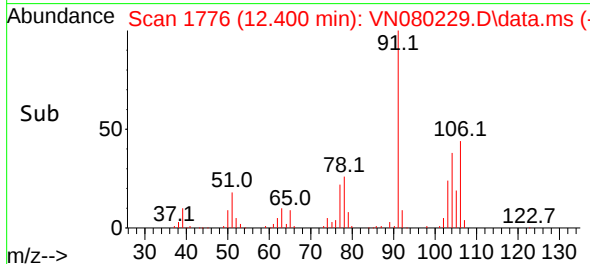
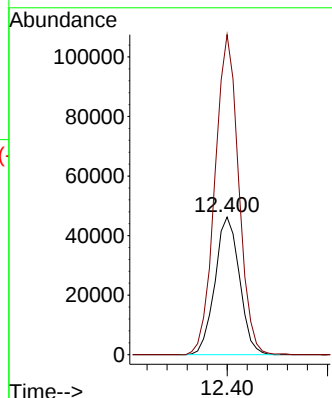
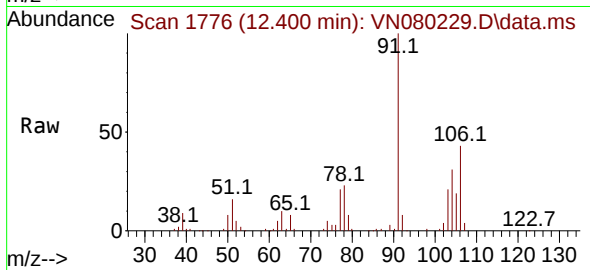
#69
o-Xylene
Concen: 20.526 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion:106 Resp: 7833
Ion Ratio Lower Upper
106 100
91 225.6 105.2 315.5

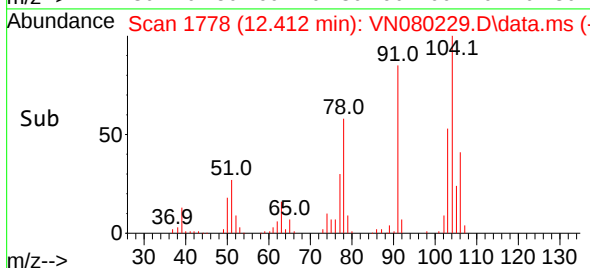
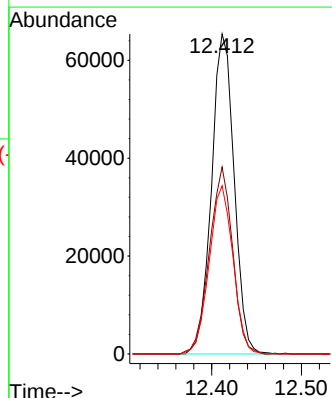
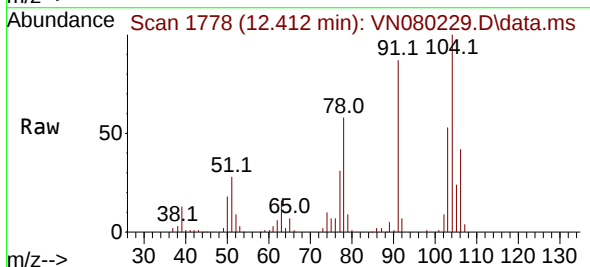
Manual Integrations
APPROVED

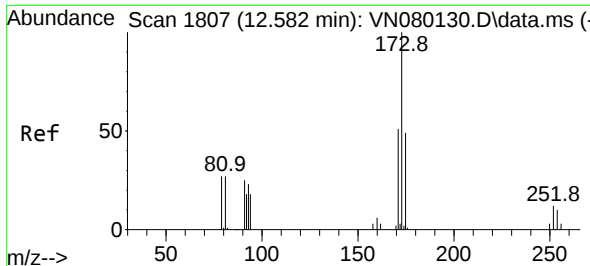
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#70
Styrene
Concen: 20.147 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

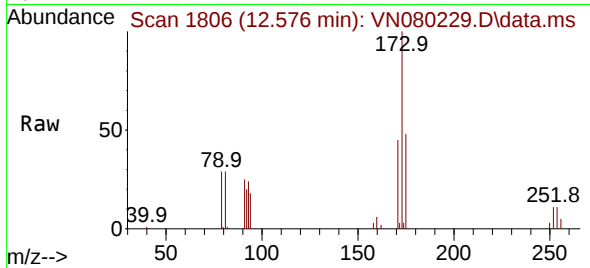
Tgt Ion:104 Resp: 114447
Ion Ratio Lower Upper
104 100
78 60.0 39.5 59.3#
103 55.4 43.2 64.8





#71
Bromoform
Concen: 20.691 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

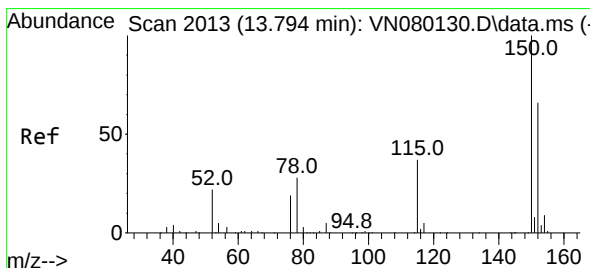
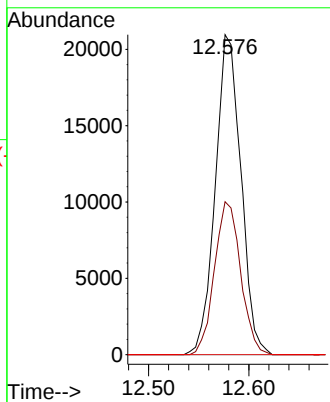
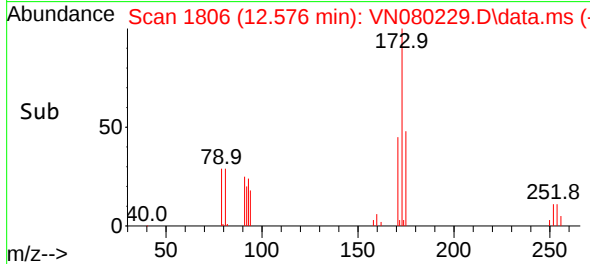
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



Tgt Ion:173 Resp: 37168
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.0 0.0 0.0

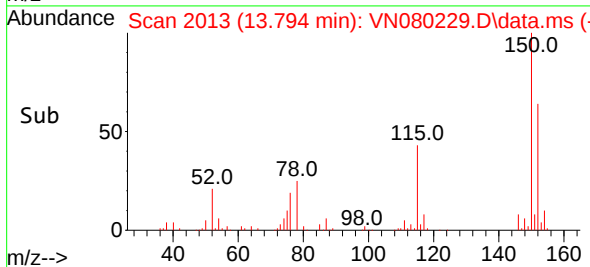
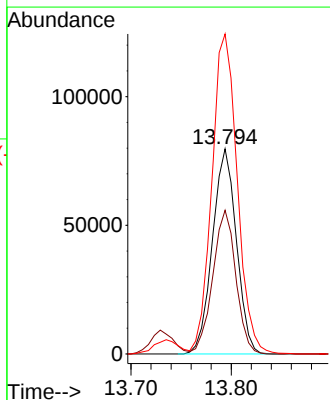
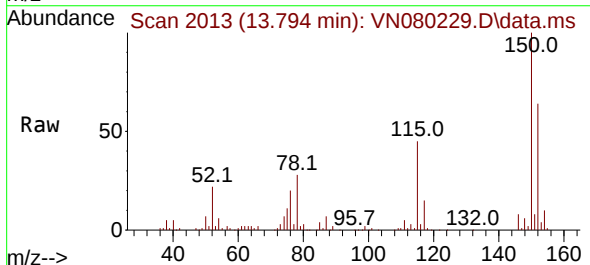
Manual Integrations
APPROVED

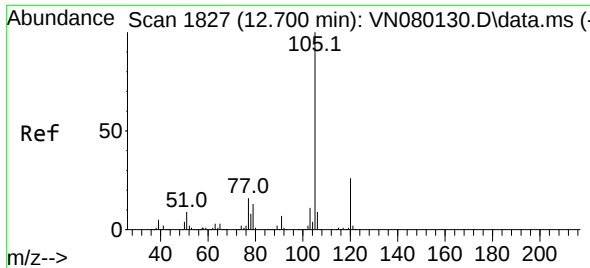
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

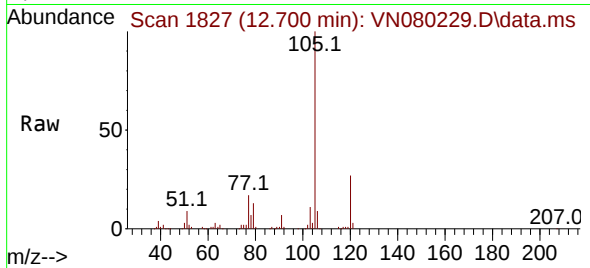
Tgt Ion:152 Resp: 132198
Ion Ratio Lower Upper
152 100
115 67.5 32.3 96.8
150 165.4 0.0 355.8





#73
Isopropylbenzene
Concen: 20.157 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

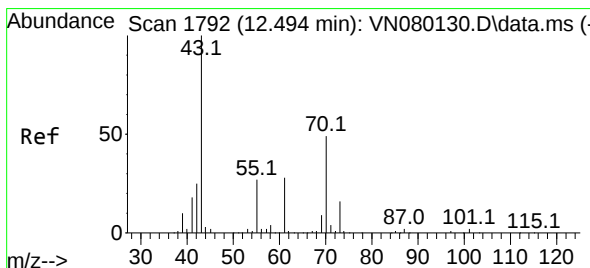
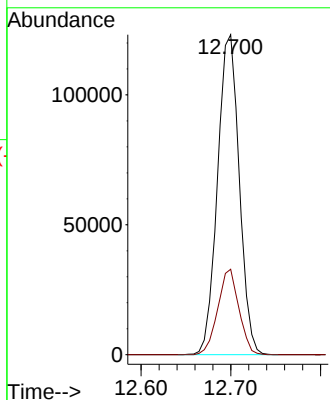
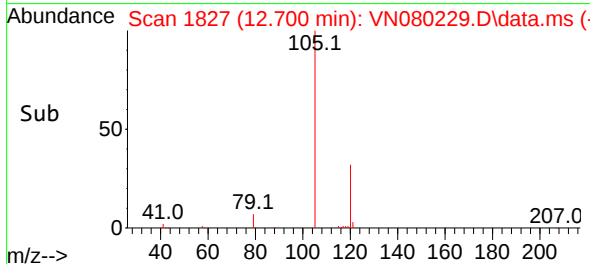
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



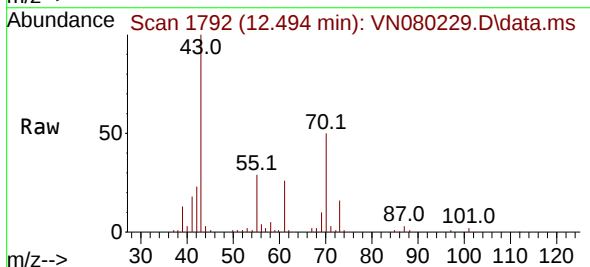
Tgt Ion:105 Resp: 207070
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1

Manual Integrations
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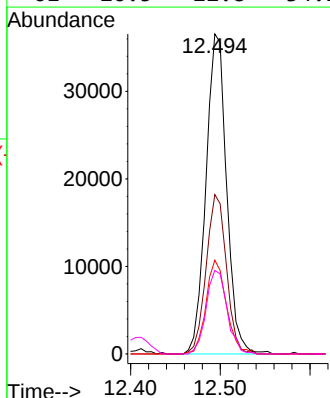
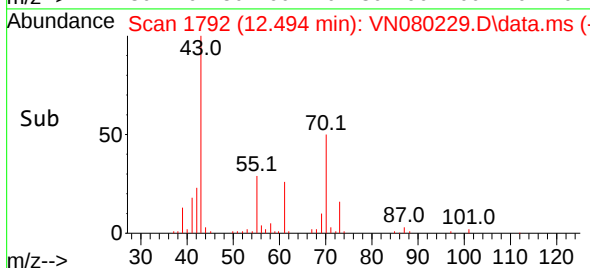
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

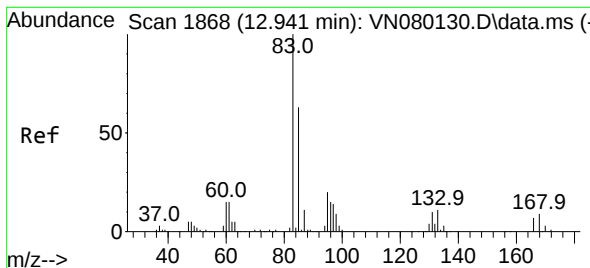


#74
N-ethyl acetate
Concen: 18.221 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05



Tgt Ion: 43 Resp: 58373
Ion Ratio Lower Upper
43 100
70 49.0 43.4 65.2
55 28.8 21.4 32.0
61 26.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.210 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD01

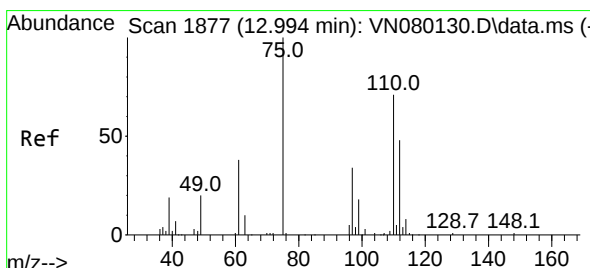
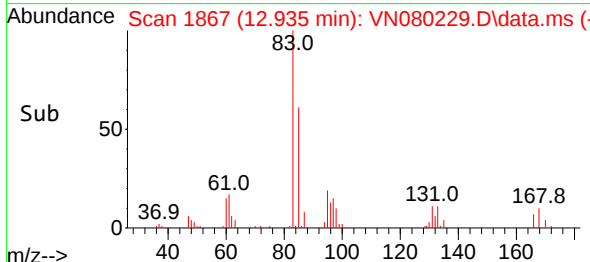
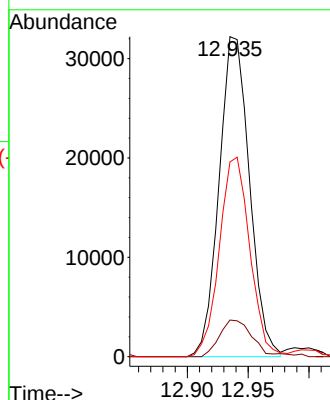
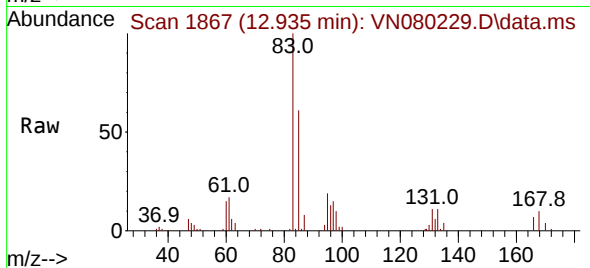
Tgt Ion: 83 Resp: 55989
 Ion Ratio Lower Upper
 83 100
 131 12.7 5.0 15.0
 85 62.5 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#76

1,2,3-Trichloropropane

Concen: 17.019 ug/l m

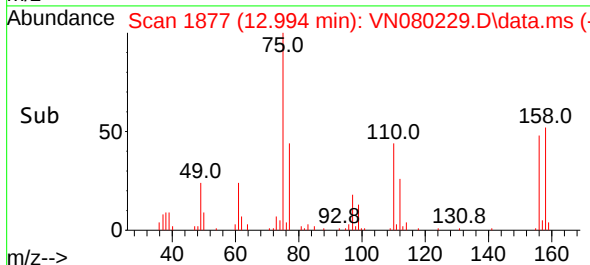
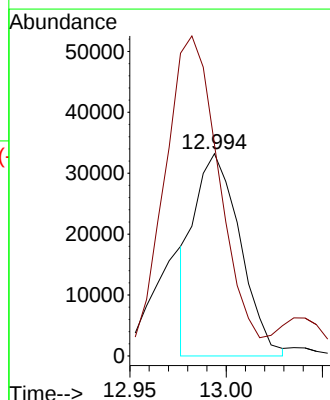
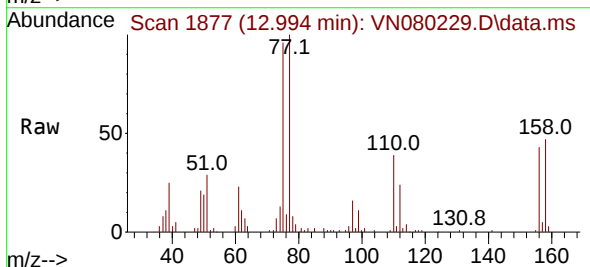
RT: 12.994 min Scan# 1877

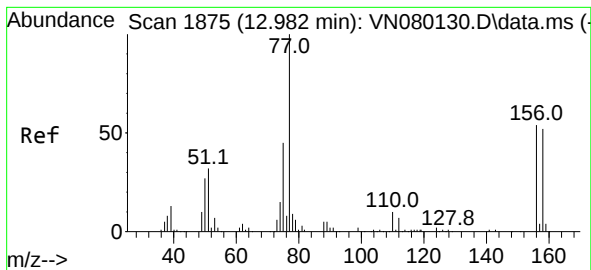
Delta R.T. -0.000 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

Tgt Ion: 75 Resp: 55125
 Ion Ratio Lower Upper
 75 100
 77 190.2 84.5 253.5





#77

Bromobenzene

Concen: 19.841 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD01

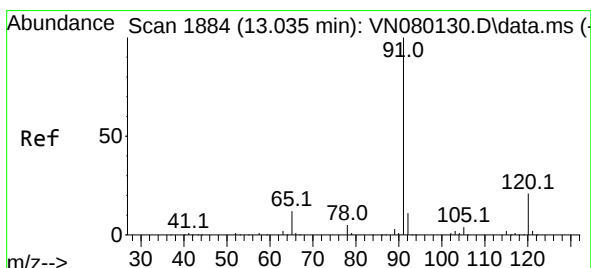
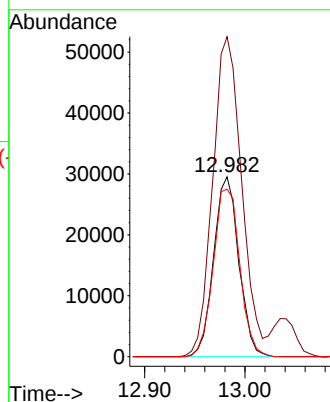
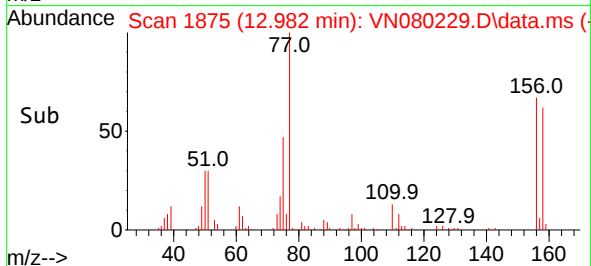
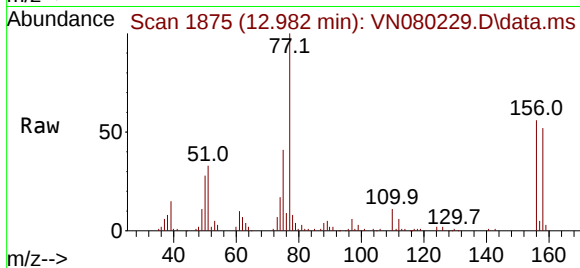
Tgt Ion:156 Resp: 51388
 Ion Ratio Lower Upper
 156 100
 77 204.0 107.7 323.3
 158 98.7 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#78

n-propylbenzene

Concen: 19.945 ug/l

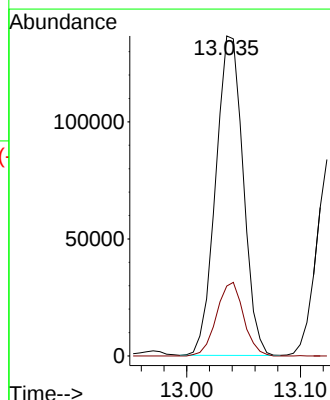
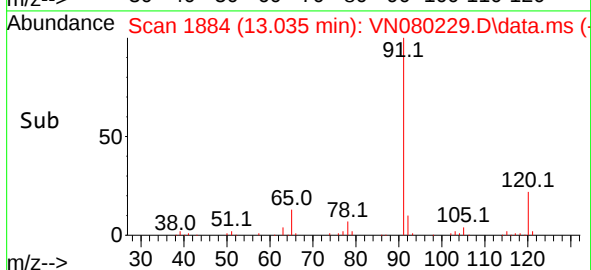
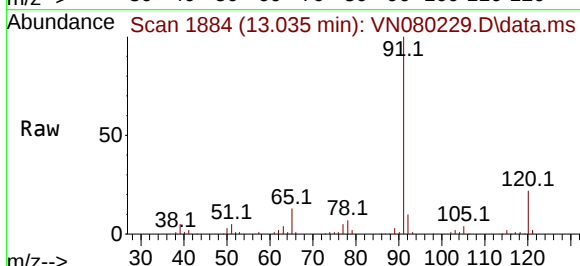
RT: 13.035 min Scan# 1884

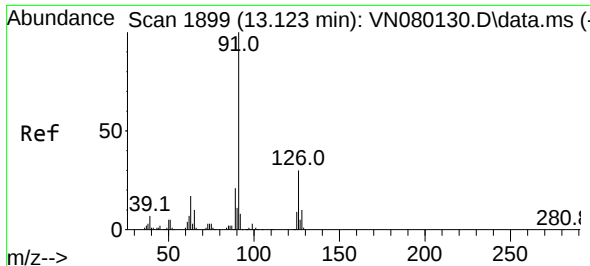
Delta R.T. -0.000 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

Tgt Ion: 91 Resp: 229120
 Ion Ratio Lower Upper
 91 100
 120 22.6 11.5 34.4





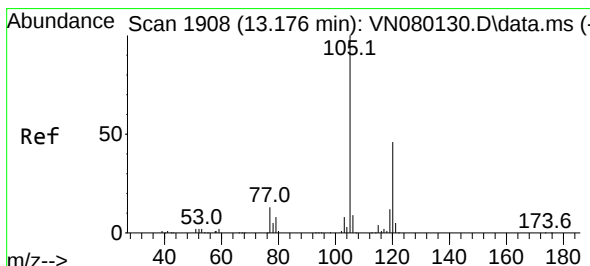
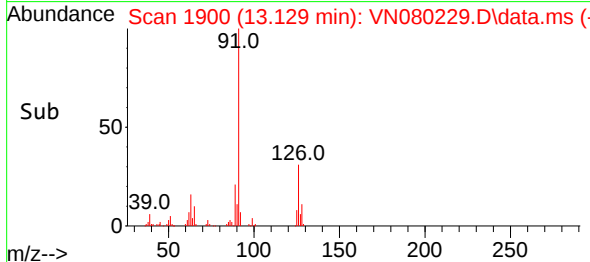
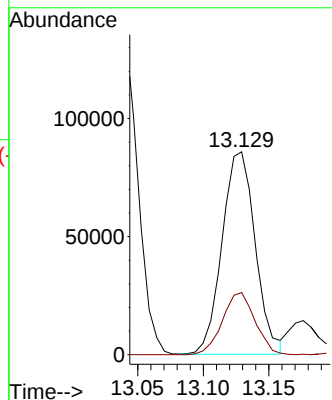
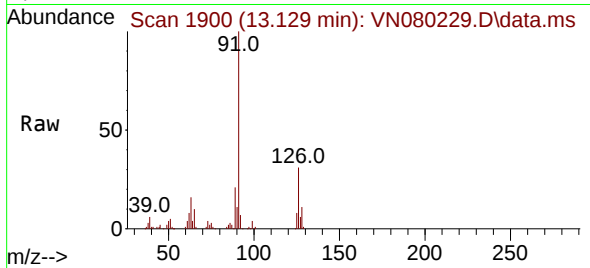
#79
2-Chlorotoluene
Concen: 20.226 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion: 91 Resp: 15090
Ion Ratio Lower Upper
91 100
126 30.1 16.3 48.8

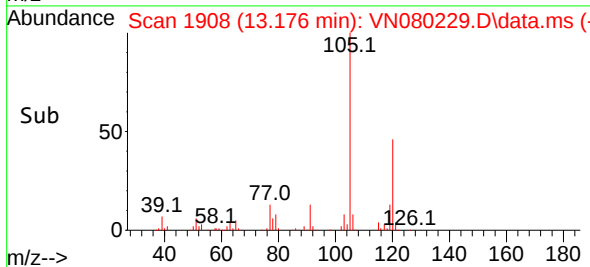
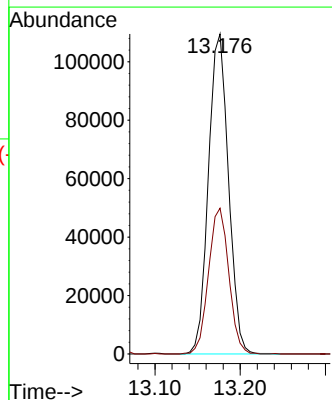
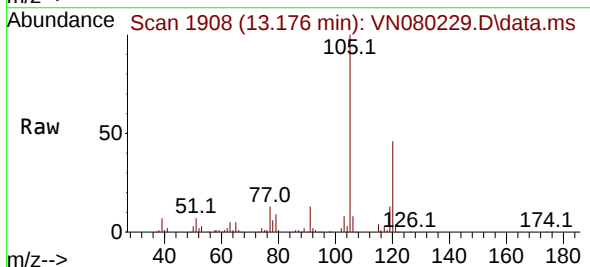
Manual Integrations
APPROVED

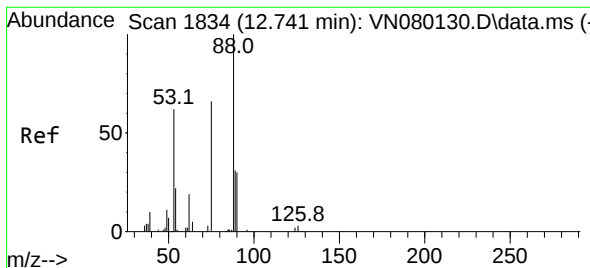
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.018 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

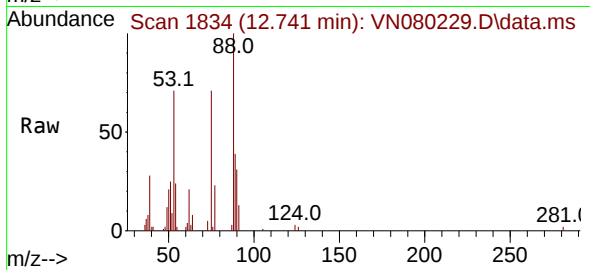
Tgt Ion:105 Resp: 179009
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.843 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

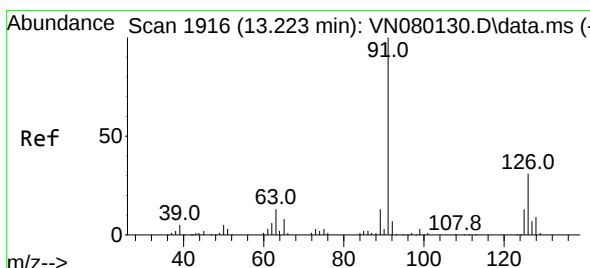
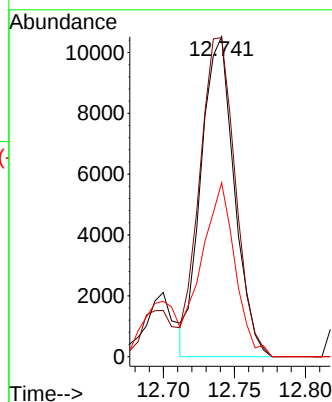
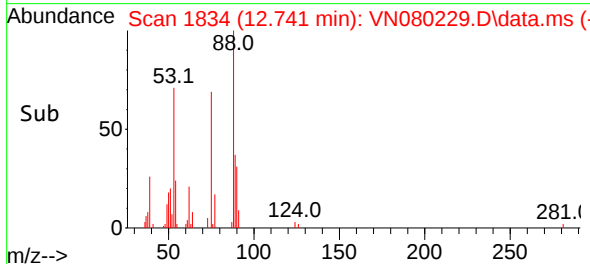
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



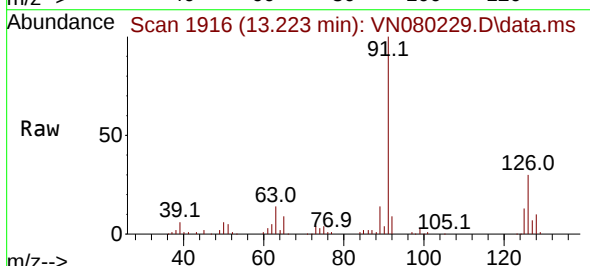
Tgt Ion: 75 Resp: 17100
Ion Ratio Lower Upper
75 100
53 106.6 67.4 101.2
89 54.7 38.8 58.2

Manual Integrations
APPROVED

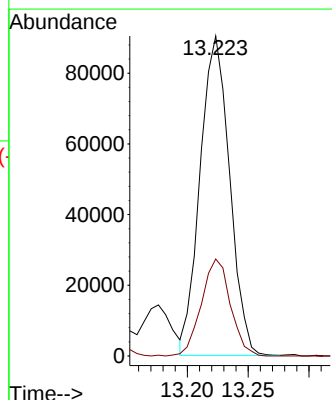
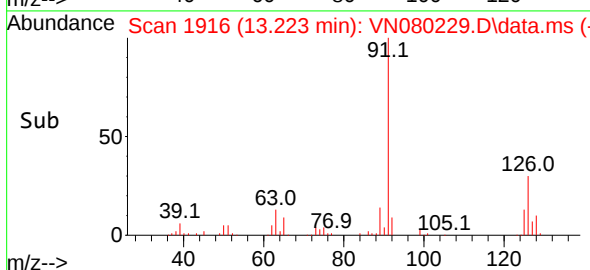
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

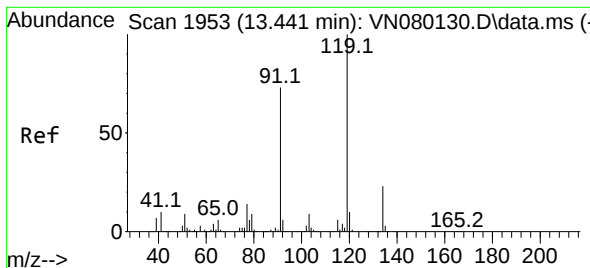


#82
4-Chlorotoluene
Concen: 19.935 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05



Tgt Ion: 91 Resp: 152373
Ion Ratio Lower Upper
91 100
126 29.9 16.7 50.0





#83

tert-Butylbenzene

Concen: 19.781 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD01

Tgt Ion:119 Resp: 14185

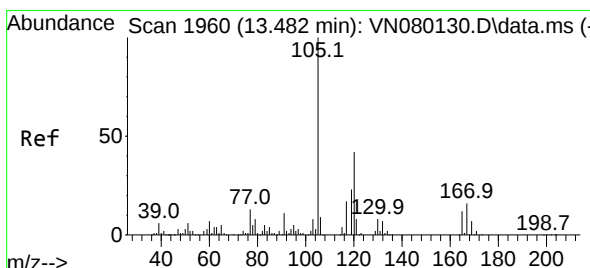
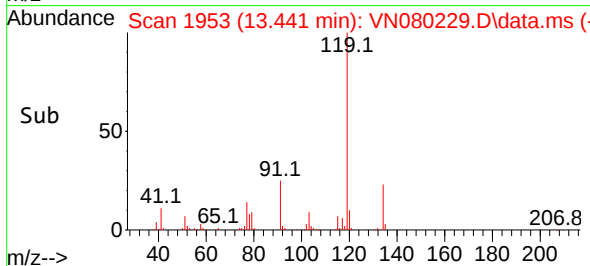
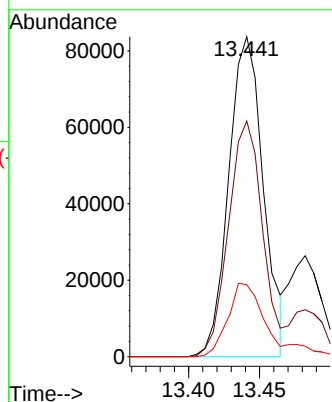
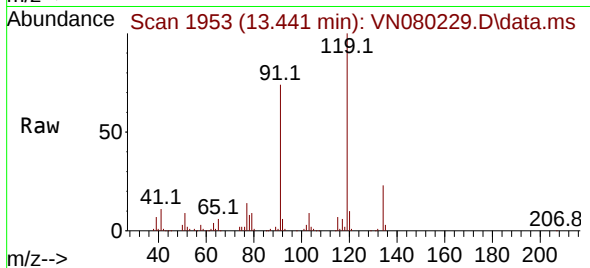
Ion	Ratio	Lower	Upper
119	100		
91	72.4	33.9	101.7
134	26.1	13.2	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.441 ug/l

RT: 13.482 min Scan# 1960

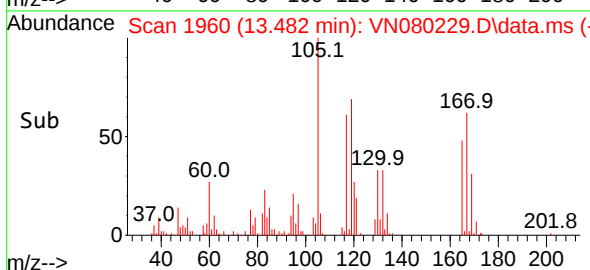
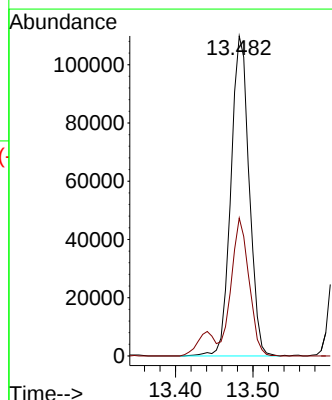
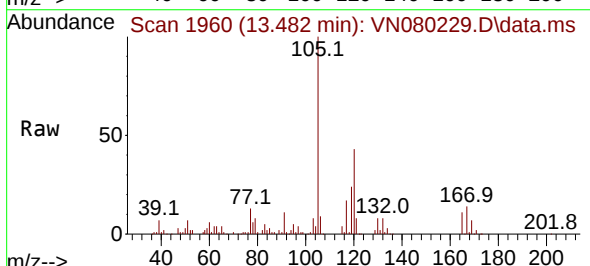
Delta R.T. -0.000 min

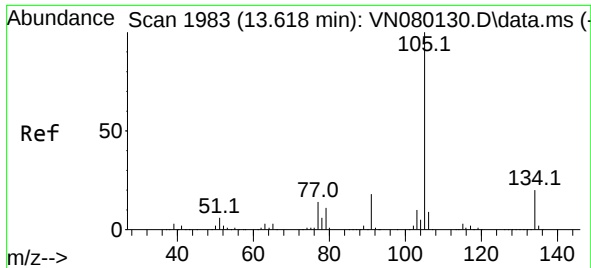
Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

Tgt Ion:105 Resp: 179986

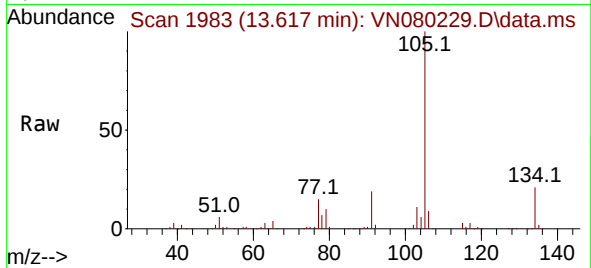
Ion	Ratio	Lower	Upper
105	100		
120	42.2	22.0	66.0





#85
 sec-Butylbenzene
 Concen: 19.798 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080229.D
 Acq: 21 Nov 2023 14:05

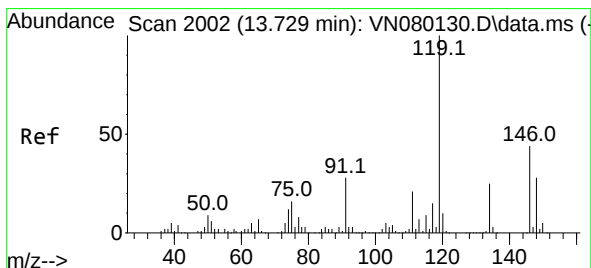
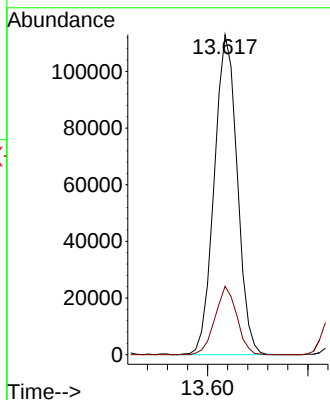
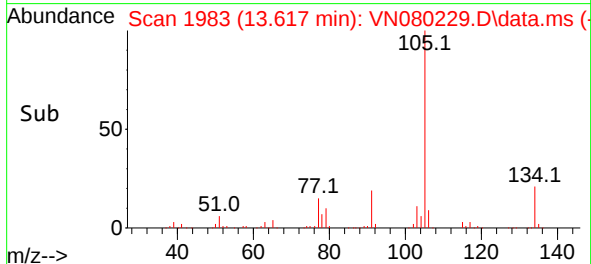
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBSD01



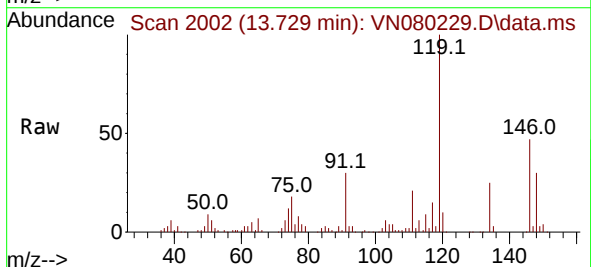
Tgt Ion:105 Resp: 179604
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations
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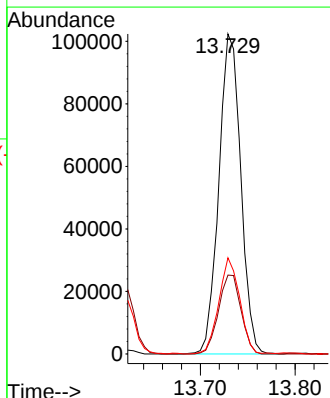
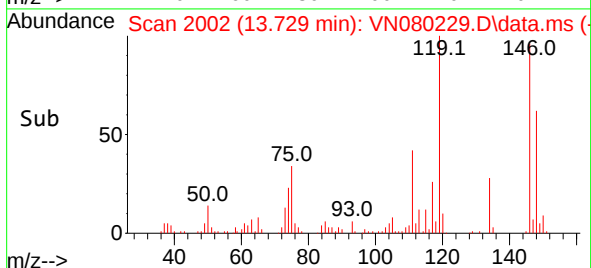
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023

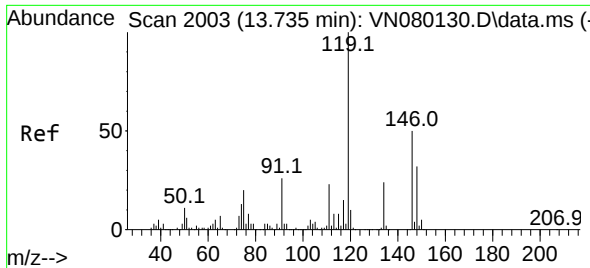


#86
 p-Isopropyltoluene
 Concen: 20.327 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080229.D
 Acq: 21 Nov 2023 14:05



Tgt Ion:119 Resp: 164723
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 28.8 12.4 37.2





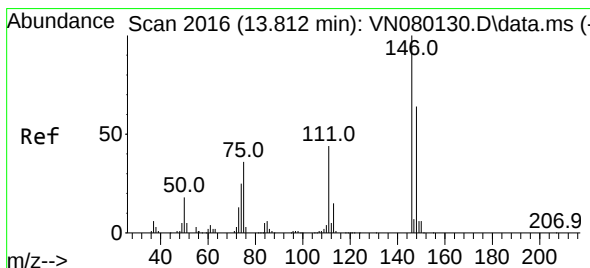
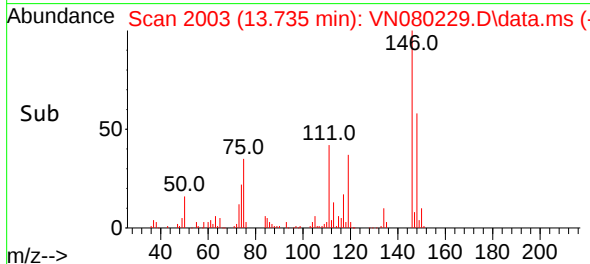
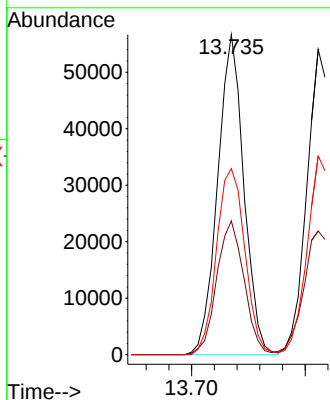
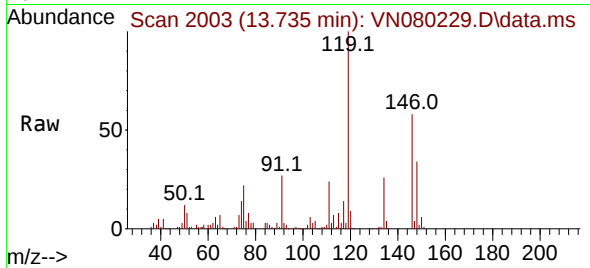
#87
1,3-Dichlorobenzene
Concen: 19.478 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01

Tgt Ion:146 Resp: 9089
Ion Ratio Lower Upper
146 100
111 43.7 22.1 66.3
148 63.0 32.0 96.0

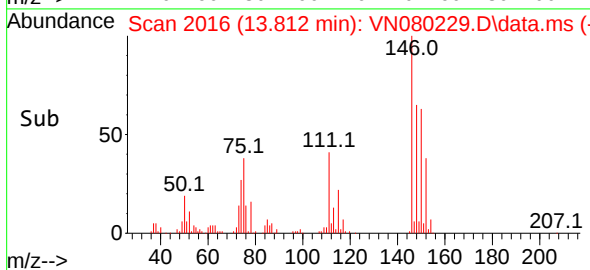
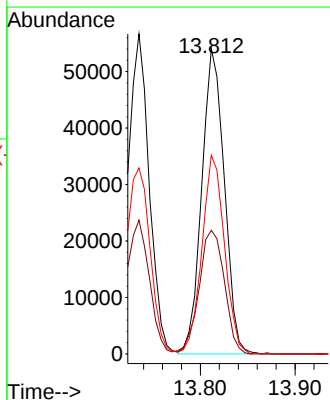
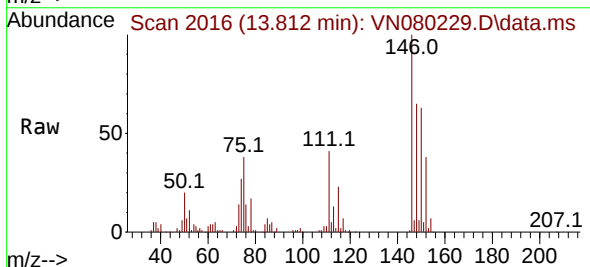
Manual Integrations
APPROVED

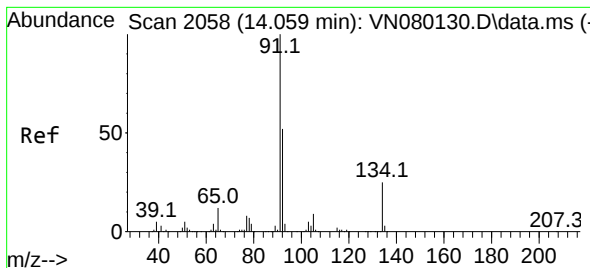
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#88
1,4-Dichlorobenzene
Concen: 19.053 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

Tgt Ion:146 Resp: 89347
Ion Ratio Lower Upper
146 100
111 45.6 20.6 61.8
148 65.0 31.6 94.8





#89

n-Butylbenzene

Concen: 19.088 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD01

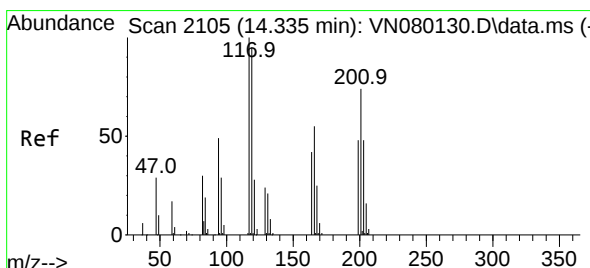
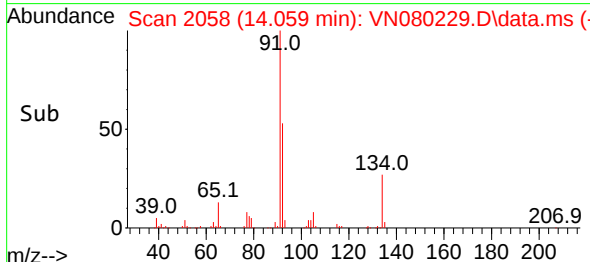
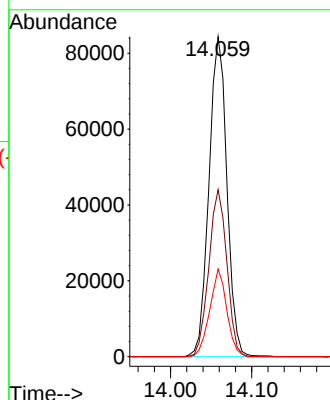
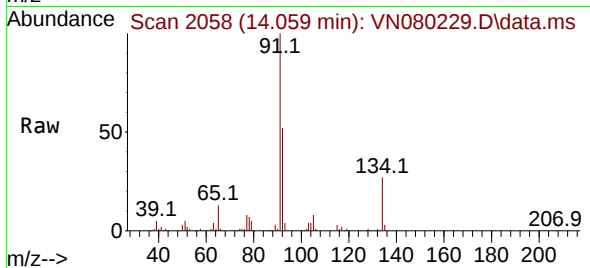
Tgt Ion: 91	Resp: 12947
Ion Ratio	Lower Upper
91	100
92	52.4 26.4 79.0
134	26.0 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#90

Hexachloroethane

Concen: 18.749 ug/l

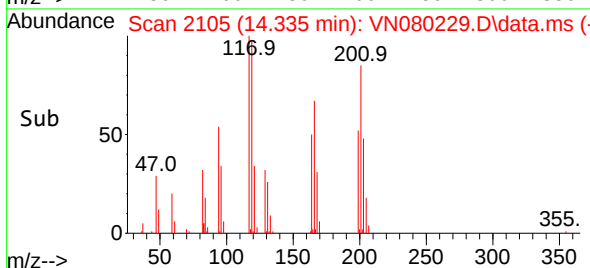
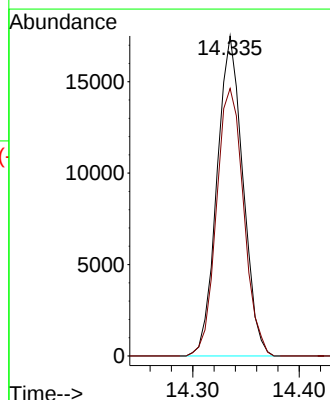
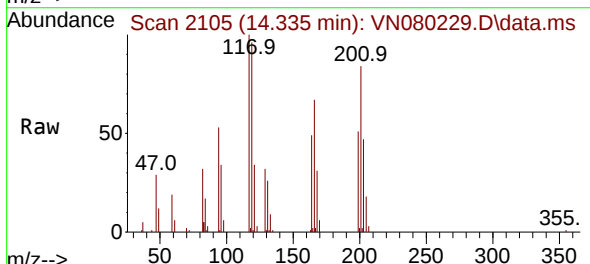
RT: 14.335 min Scan# 2105

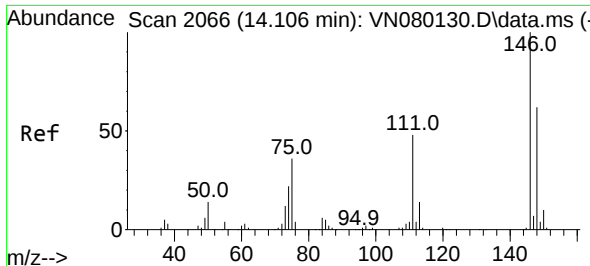
Delta R.T. -0.000 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

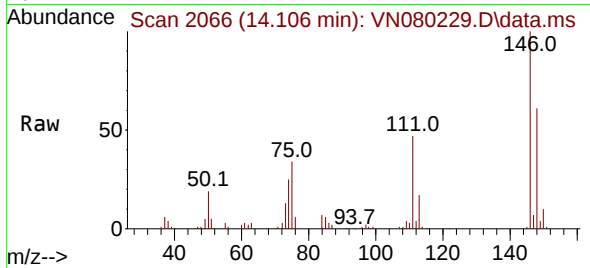
Tgt Ion: 117	Resp: 29621
Ion Ratio	Lower Upper
117	100
201	87.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 19.803 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05

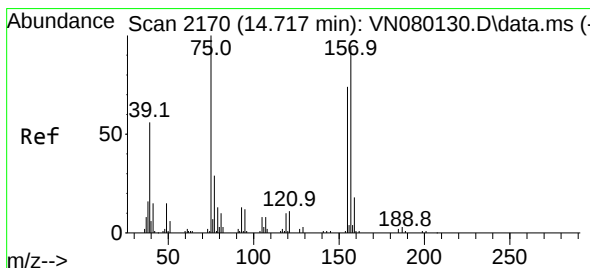
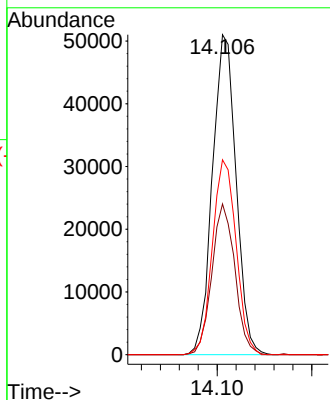
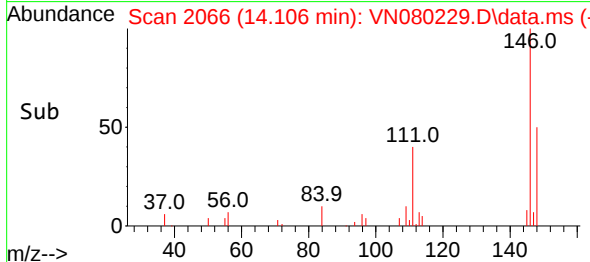
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD01



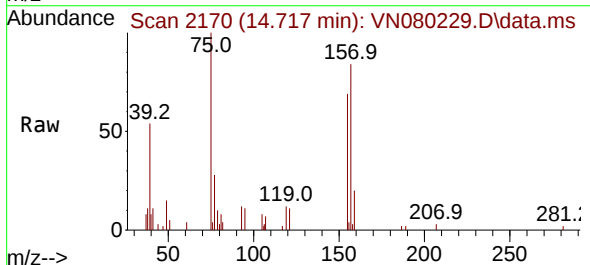
Tgt Ion:146 Resp: 8842
Ion Ratio Lower Upper
146 100
111 45.8 22.0 66.0
148 61.1 31.8 95.3

Manual Integrations
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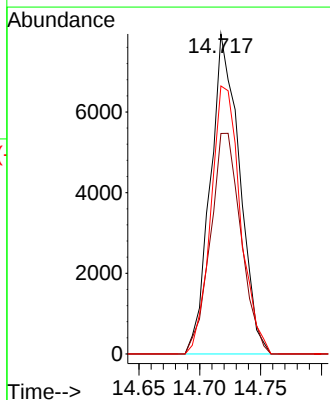
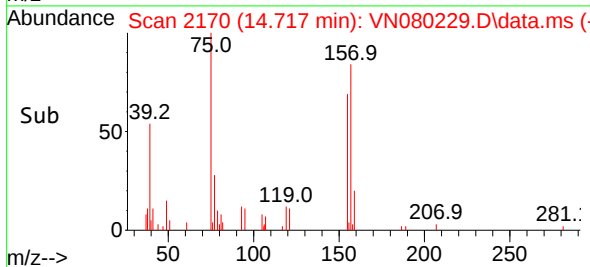
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

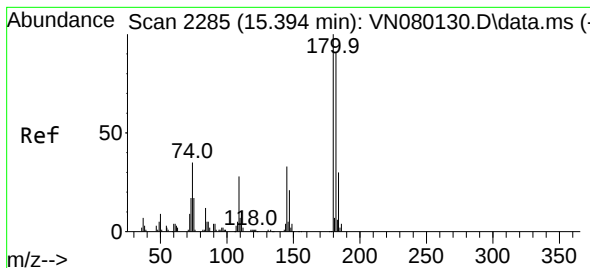


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.541 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN080229.D
Acq: 21 Nov 2023 14:05



Tgt Ion: 75 Resp: 13241
Ion Ratio Lower Upper
75 100
155 72.1 39.1 117.2
157 84.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.751 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080229.D

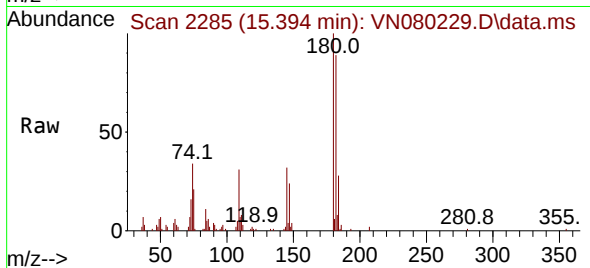
Acq: 21 Nov 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD01



Tgt Ion:180 Resp: 4610

Ion Ratio Lower Upper

180 100

182 93.8 46.1 138.2

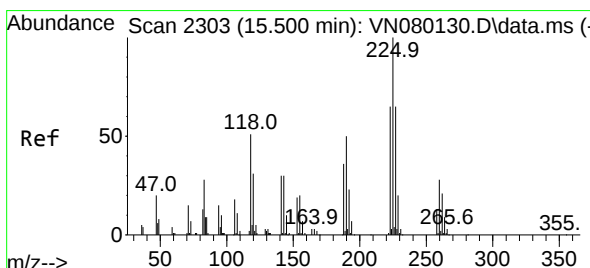
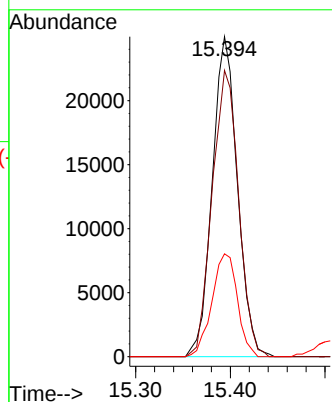
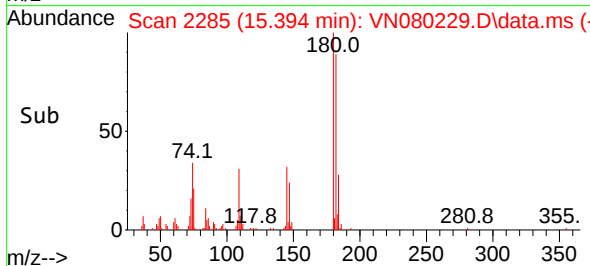
145 32.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#94

Hexachlorobutadiene

Concen: 18.018 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

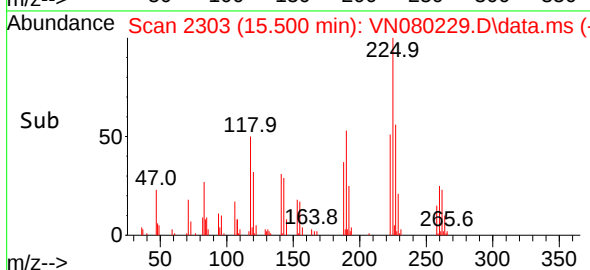
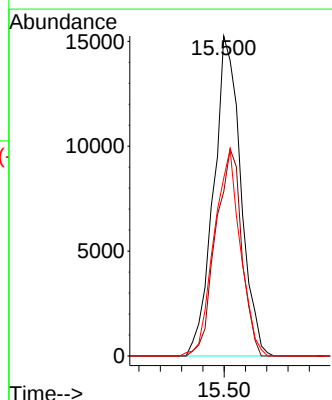
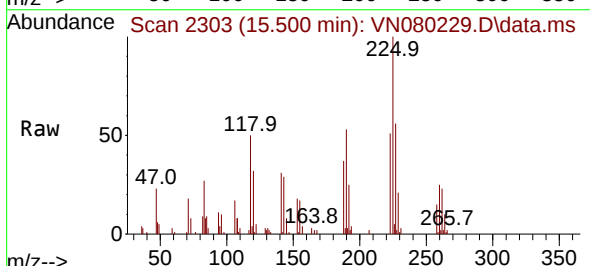
Tgt Ion:225 Resp: 26929

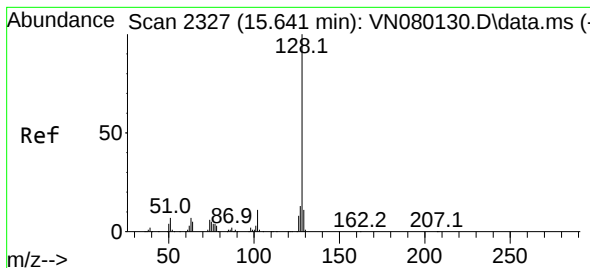
Ion Ratio Lower Upper

225 100

223 62.1 31.3 93.8

227 62.7 31.9 95.9





#95

Naphthalene

Concen: 15.884 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD01

Tgt Ion:128 Resp: 119620

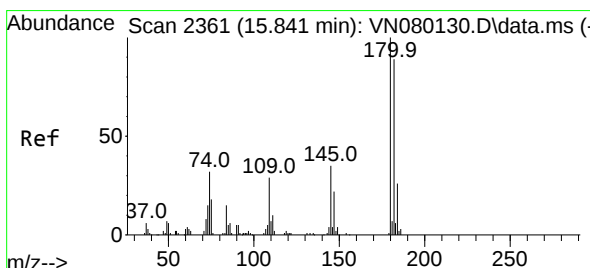
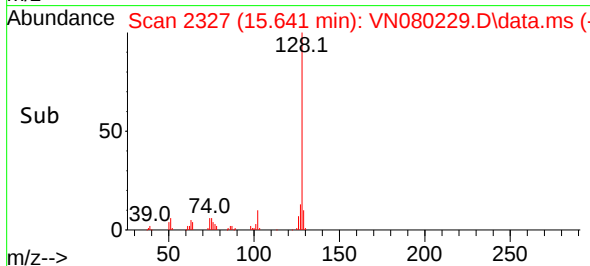
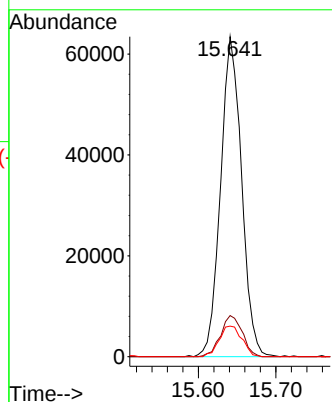
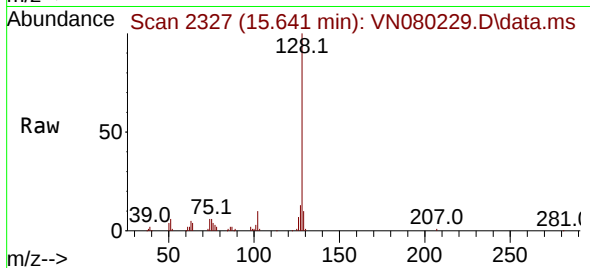
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.0	15.0
129	10.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.492 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080229.D

Acq: 21 Nov 2023 14:05

Tgt Ion:180 Resp: 42580

Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.2	138.6
145	34.5	17.5	52.6

