

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112823\
 Data File : VN080292.D
 Acq On : 28 Nov 2023 13:05
 Operator : JC\MD
 Sample : VN1128WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2023
 Supervised By : Mahesh Dadoda 11/29/2023

Quant Time: Nov 29 00:34:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	252509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	399312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	361674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	199946	47.956	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.920%		
35) Dibromofluoromethane	8.171	113	153402	52.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.120%		
50) Toluene-d8	10.571	98	539079	50.755	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.520%		
62) 4-Bromofluorobenzene	12.847	95	194748	48.544	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	64071	17.034	ug/l	98
3) Chloromethane	2.365	50	49336	17.446	ug/l	98
4) Vinyl Chloride	2.518	62	53256	17.796	ug/l	97
5) Bromomethane	2.965	94	37691	18.552	ug/l	98
6) Chloroethane	3.124	64	35132	17.877	ug/l	94
7) Trichlorofluoromethane	3.500	101	111744	17.900	ug/l	95
8) Diethyl Ether	3.959	74	32379	17.834	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	51587	18.079	ug/l	95
10) Methyl Iodide	4.589	142	48918	15.863	ug/l #	85
11) Tert butyl alcohol	5.512	59	36732	80.114	ug/l	97
12) 1,1-Dichloroethene	4.347	96	47552	17.817	ug/l	87
13) Acrolein	4.183	56	30344	74.783	ug/l	100
14) Allyl chloride	5.030	41	63234	18.832	ug/l	97
15) Acrylonitrile	5.712	53	109942	89.322	ug/l	99
16) Acetone	4.424	43	99439	71.009	ug/l	98
17) Carbon Disulfide	4.712	76	123451	15.492	ug/l	99
18) Methyl Acetate	5.024	43	80804	17.959	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	171724	18.220	ug/l	98
20) Methylene Chloride	5.271	84	58523	19.956	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	53425	18.222	ug/l	88
22) Diisopropyl ether	6.671	45	144406	19.438	ug/l	97
23) Vinyl Acetate	6.600	43	387703	86.809	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	98837	18.267	ug/l	99
25) 2-Butanone	7.483	43	127705	76.755	ug/l	93
26) 2,2-Dichloropropane	7.494	77	95302	17.753	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	60497	18.199	ug/l	90
28) Bromochloromethane	7.812	49	41801	19.651	ug/l	99
29) Tetrahydrofuran	7.835	42	80296	89.891	ug/l	91
30) Chloroform	7.965	83	117621	19.449	ug/l	87
31) Cyclohexane	8.259	56	72003	15.880	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	111172	18.850	ug/l	95
36) 1,1-Dichloropropene	8.371	75	78123	18.314	ug/l	96
37) Ethyl Acetate	7.565	43	53326	18.022	ug/l	97
38) Carbon Tetrachloride	8.365	117	100070	18.486	ug/l	97
39) Methylcyclohexane	9.600	83	67372	16.380	ug/l	92
40) Benzene	8.606	78	226121	18.651	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29866	18.380	ug/l	91
42) 1,2-Dichloroethane	8.671	62	94975	19.148	ug/l	96
43) Isopropyl Acetate	8.688	43	86626	15.044	ug/l	97
44) Trichloroethene	9.347	130	58862	18.509	ug/l	100
45) 1,2-Dichloropropane	9.618	63	54265	19.260	ug/l	94
46) Dibromomethane	9.706	93	40472	18.976	ug/l	89
47) Bromodichloromethane	9.888	83	91486	19.500	ug/l	98
48) Methyl methacrylate	9.682	41	52186	17.587	ug/l	90
49) 1,4-Dioxane	9.694	88	16743	339.170	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	270964	90.896	ug/l	97
52) Toluene	10.629	92	146073	19.252	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	87608	18.175	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	94257	19.140	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	56386	19.471	ug/l	95
56) Ethyl methacrylate	10.876	69	54256	18.340	ug/l #	67
57) 1,3-Dichloropropane	11.165	76	97483	19.280	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	146740	88.044	ug/l	96
59) 2-Hexanone	11.194	43	195949	81.801	ug/l	97
60) Dibromochloromethane	11.359	129	67983	19.609	ug/l	98
61) 1,2-Dibromoethane	11.471	107	53514	18.114	ug/l	100
64) Tetrachloroethene	11.106	164	61924	22.435	ug/l	92
65) Chlorobenzene	11.894	112	151776	18.520	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	61662	19.389	ug/l	95
67) Ethyl Benzene	11.965	91	263842	18.092	ug/l	100
68) m/p-Xylenes	12.070	106	195880	36.840	ug/l	85
69) o-Xylene	12.400	106	94735	18.906	ug/l	87
70) Styrene	12.412	104	141813	19.014	ug/l	93
71) Bromoform	12.576	173	45530	19.305	ug/l #	100
73) Isopropylbenzene	12.694	105	248751	18.621	ug/l	97
74) N-amyl acetate	12.494	43	67233	16.139	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	69865	17.474	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	67932m	16.127	ug/l	
77) Bromobenzene	12.982	156	61120	18.147	ug/l	99
78) n-propylbenzene	13.035	91	275203	18.422	ug/l	98
79) 2-Chlorotoluene	13.129	91	183526	18.916	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	219941	18.913	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	21030	16.868	ug/l #	85
82) 4-Chlorotoluene	13.223	91	183922	18.504	ug/l	96
83) tert-Butylbenzene	13.441	119	167380	17.949	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	216069	18.869	ug/l	99
85) sec-Butylbenzene	13.617	105	218088	18.487	ug/l	100
86) p-Isopropyltoluene	13.729	119	194478	18.454	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	107258	17.676	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	109887	18.019	ug/l	97
89) n-Butylbenzene	14.059	91	153119	17.359	ug/l	98
90) Hexachloroethane	14.335	117	35320	17.192	ug/l	69
91) 1,2-Dichlorobenzene	14.106	146	107024	18.431	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13808	14.868	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	52121	15.433	ug/l	99
94) Hexachlorobutadiene	15.506	225	31590	16.254	ug/l	99
95) Naphthalene	15.641	128	128194	13.090	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	47846	15.114	ug/l	95

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ClientSampleId :
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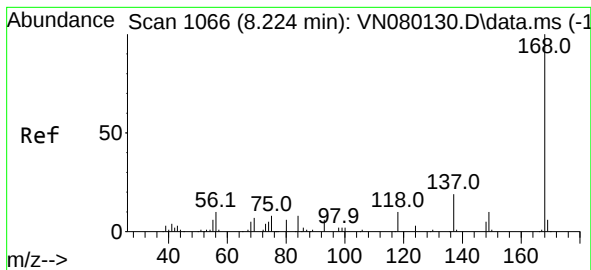
Manual Integrations
APPROVED

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

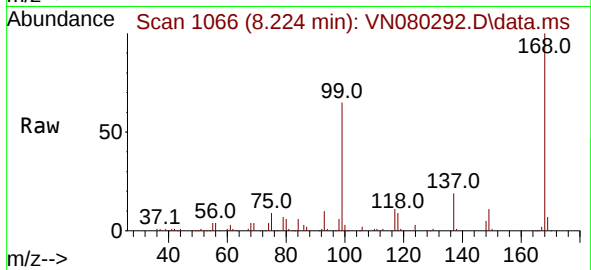
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

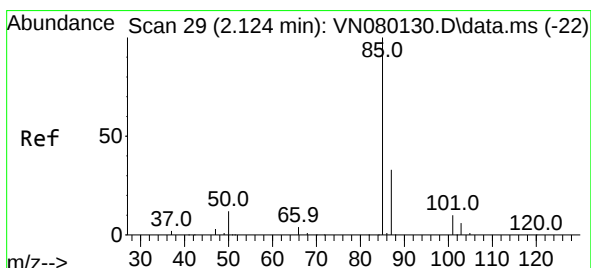
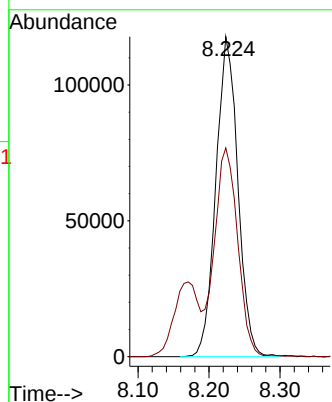
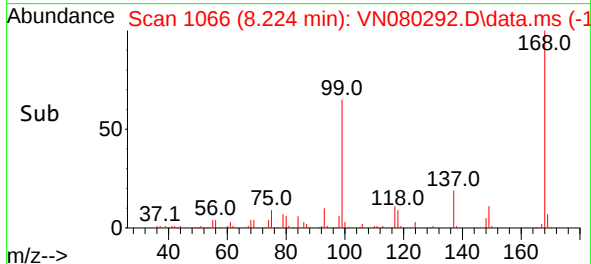
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion:168 Resp: 252509
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6

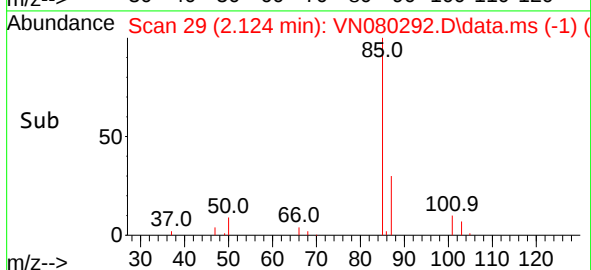
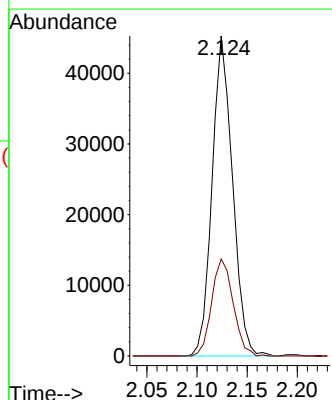
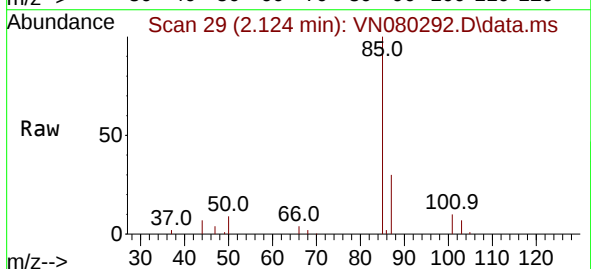
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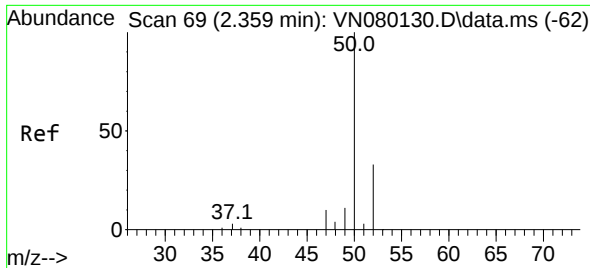
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#2
Dichlorodifluoromethane
Concen: 17.034 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion: 85 Resp: 64071
Ion Ratio Lower Upper
85 100
87 30.3 15.8 47.4





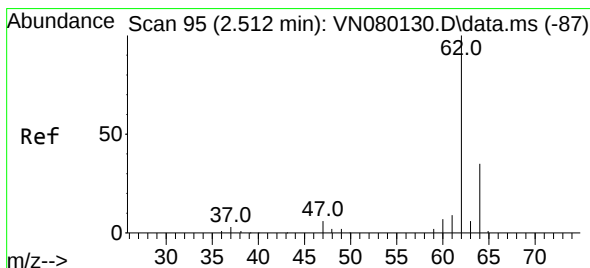
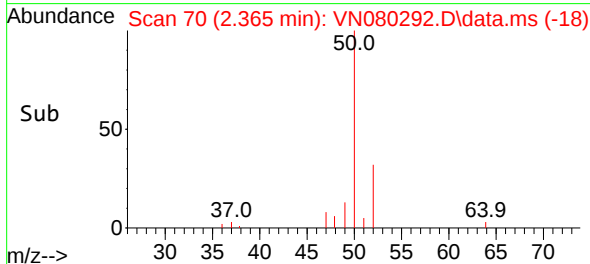
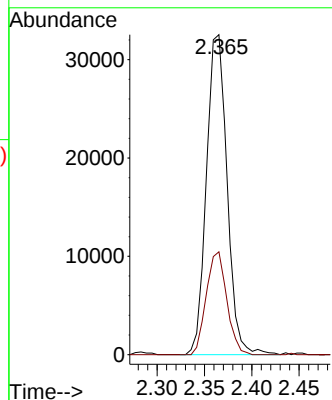
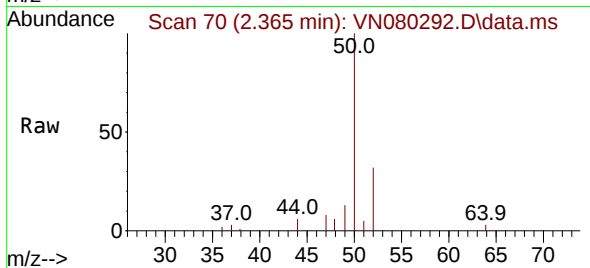
#3
Chloromethane
Concen: 17.446 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

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ClientSampleId :
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Tgt Ion: 50 Resp: 49336
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7

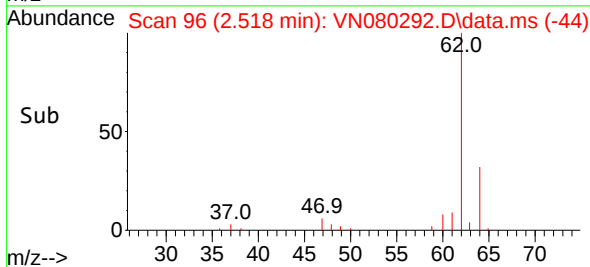
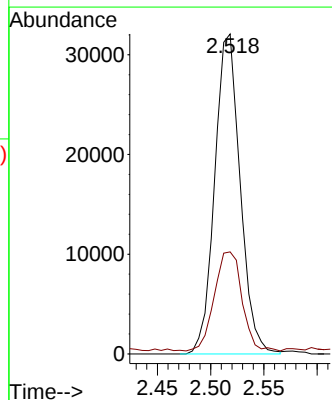
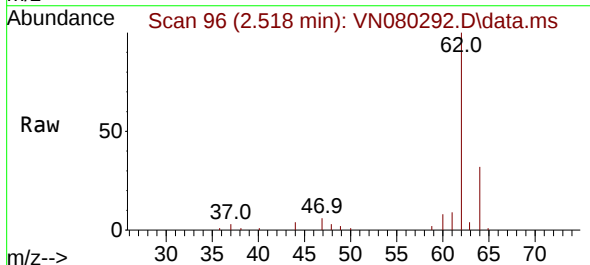
Manual Integrations
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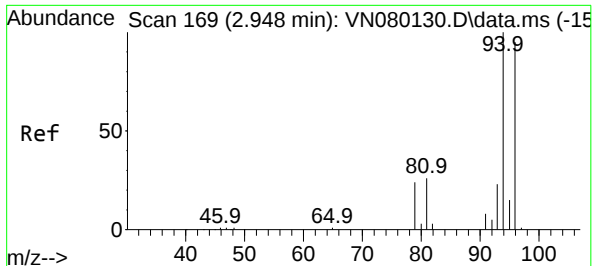
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#4
Vinyl Chloride
Concen: 17.796 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion: 62 Resp: 53256
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2





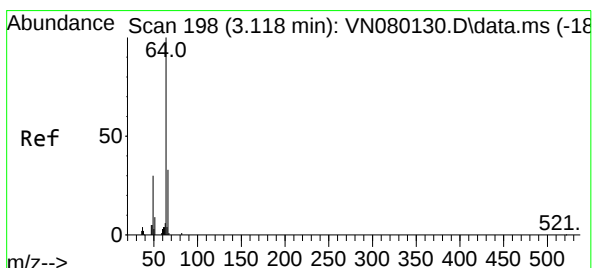
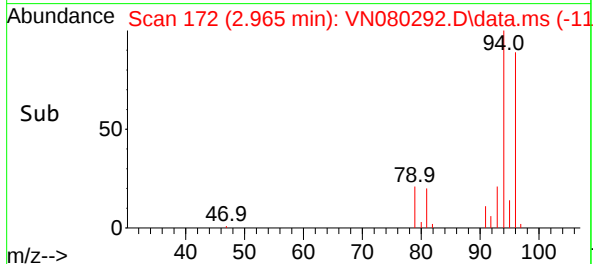
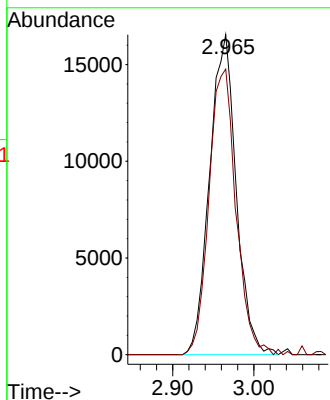
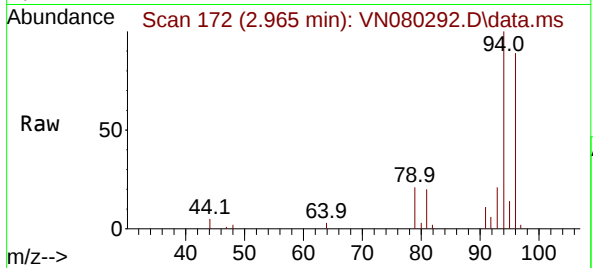
#5
Bromomethane
Concen: 18.552 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 3769
Ion Ratio Lower Upper
94 100
96 89.2 73.1 109.7

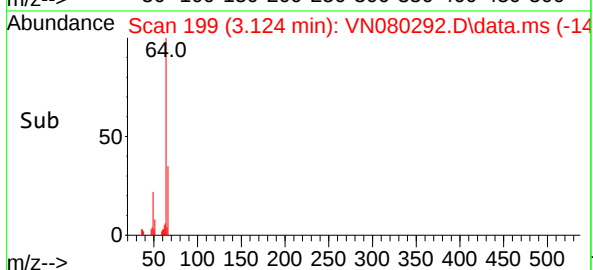
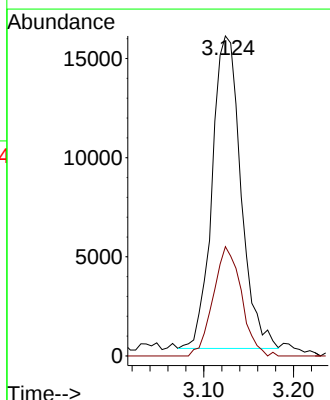
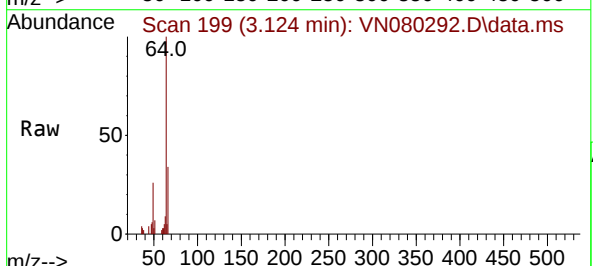
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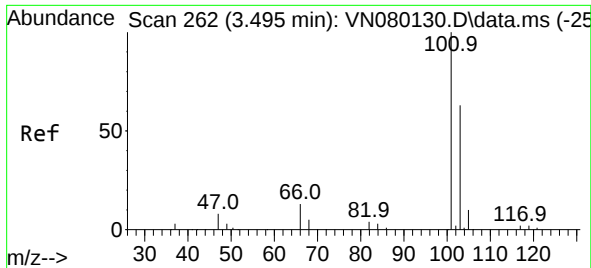
Reviewed By :John Carlone 11/29/2023
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#6
Chloroethane
Concen: 17.877 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion: 64 Resp: 35132
Ion Ratio Lower Upper
64 100
66 35.0 25.4 38.2





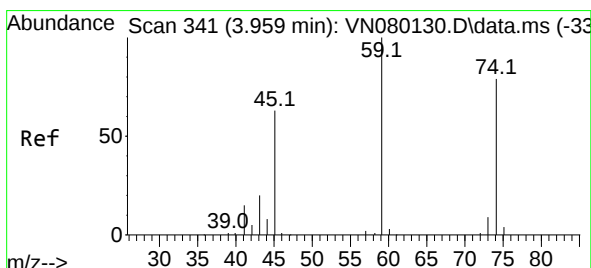
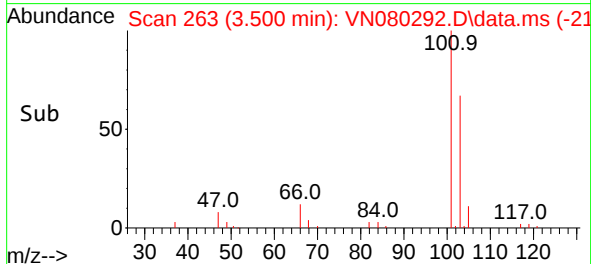
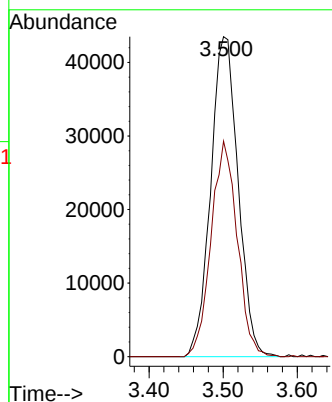
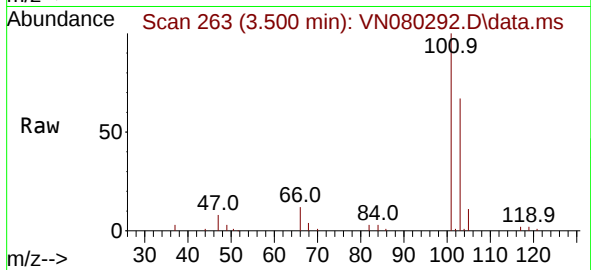
#7
Trichlorofluoromethane
Concen: 17.900 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion:101 Resp: 111744
Ion Ratio Lower Upper
101 100
103 67.3 50.7 76.1

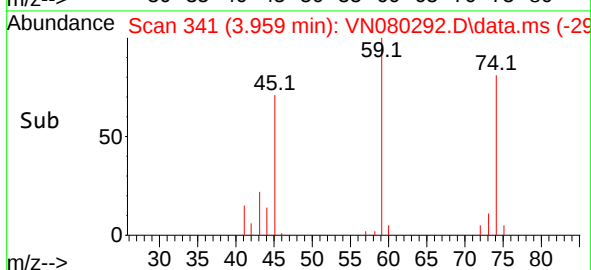
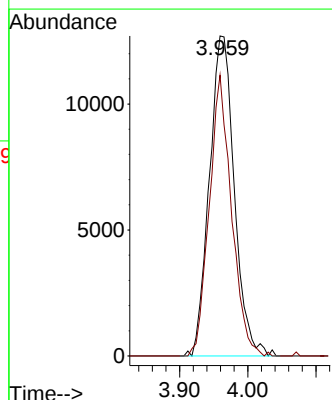
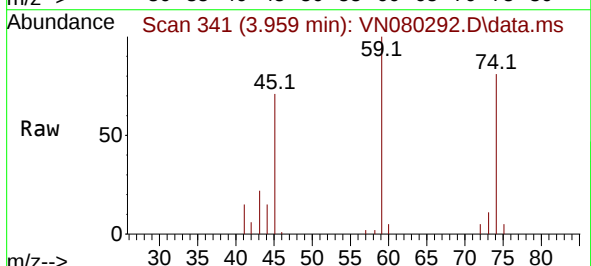
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#8
Diethyl Ether
Concen: 17.834 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion: 74 Resp: 32379
Ion Ratio Lower Upper
74 100
45 78.1 34.4 103.3





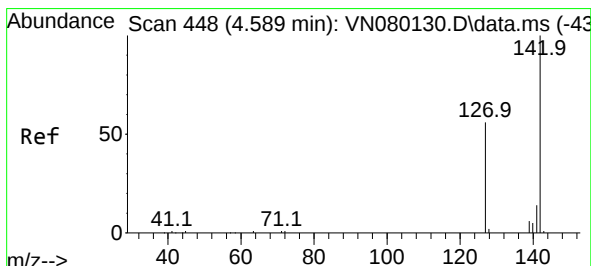
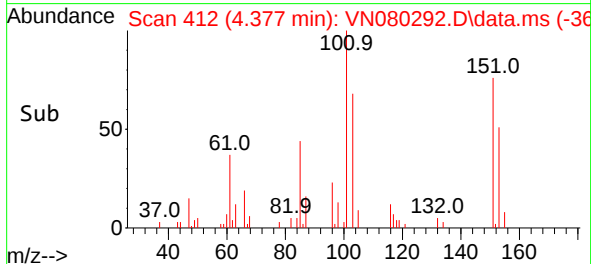
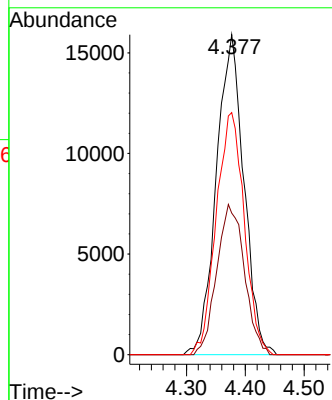
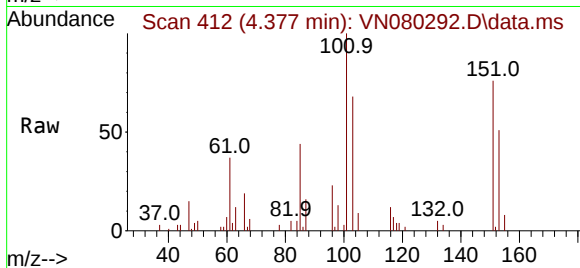
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.079 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080292.D
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ClientSampleId :
VN1128WBS01

Tgt Ion:101 Resp: 5158
Ion Ratio Lower Upper
101 100
85 47.3 36.6 55.0
151 77.1 57.6 86.4

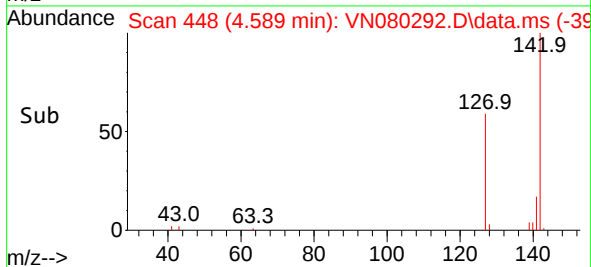
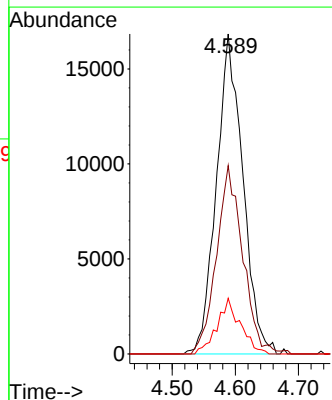
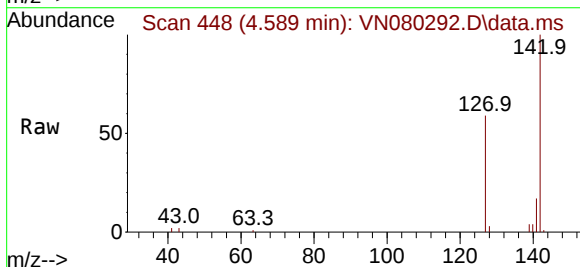
Manual Integrations
APPROVED

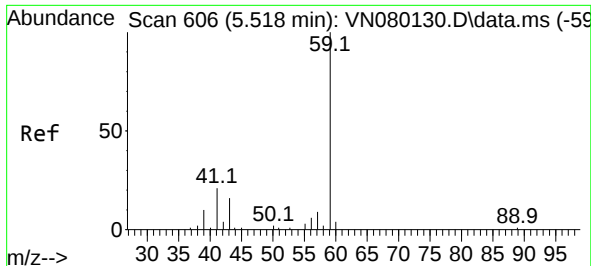
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#10
Methyl Iodide
Concen: 15.863 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

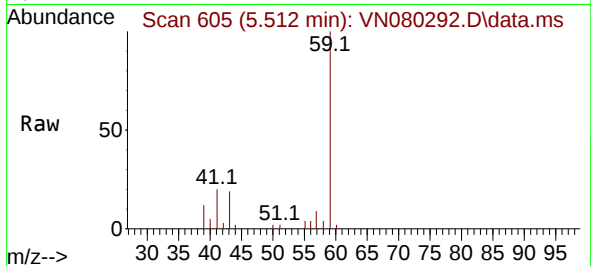
Tgt Ion:142 Resp: 48918
Ion Ratio Lower Upper
142 100
127 58.9 37.6 56.4#
141 17.4 11.4 17.0#





#11
Tert butyl alcohol
Concen: 80.114 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

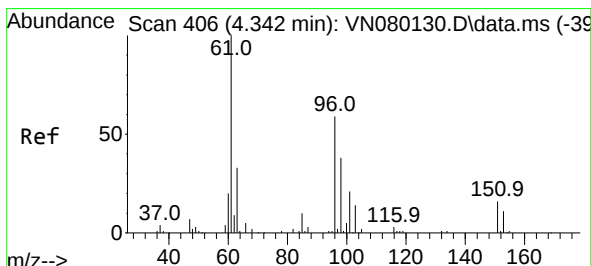
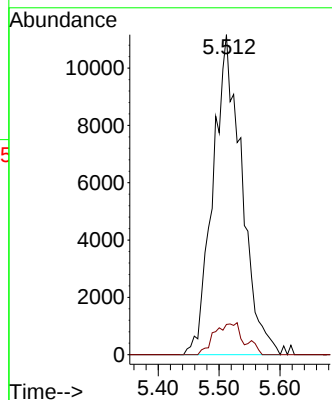
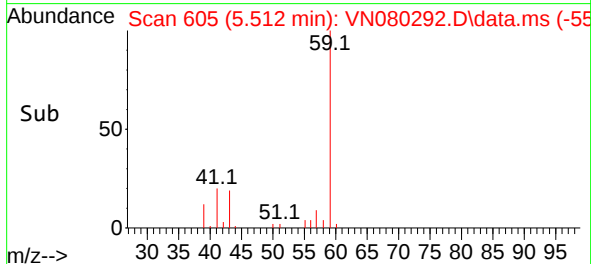
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



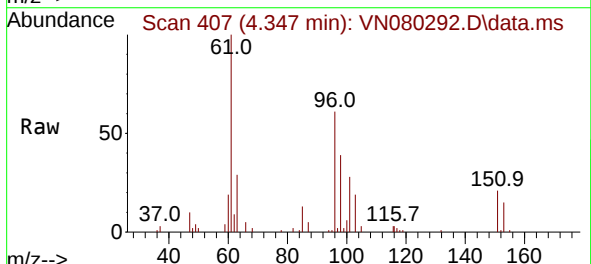
Tgt Ion: 59 Resp: 36732
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.4

Manual Integrations
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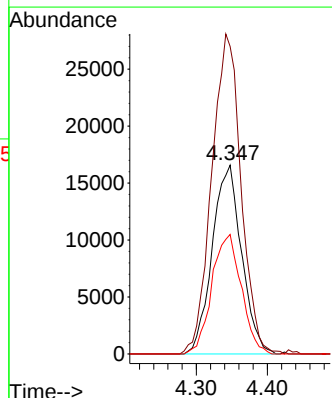
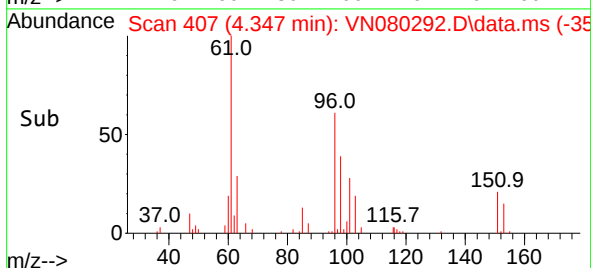
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

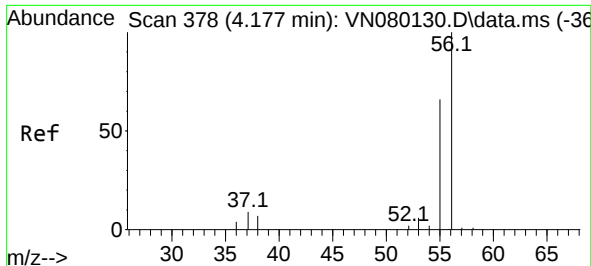


#12
1,1-Dichloroethene
Concen: 17.817 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05



Tgt Ion: 96 Resp: 47552
Ion Ratio Lower Upper
96 100
61 162.9 112.7 169.1
98 63.3 51.2 76.8





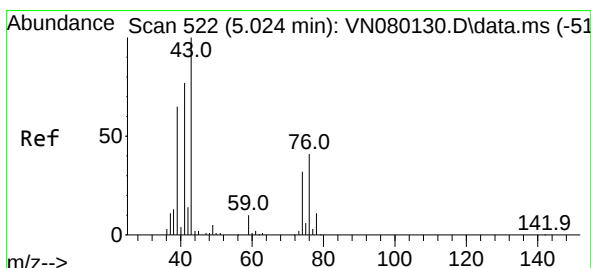
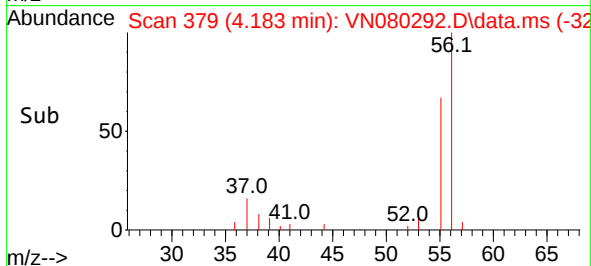
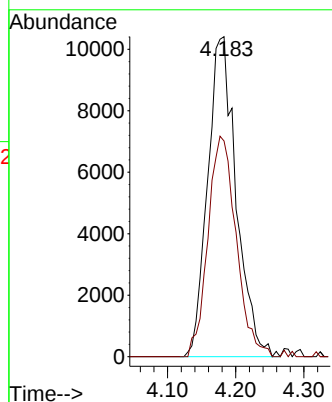
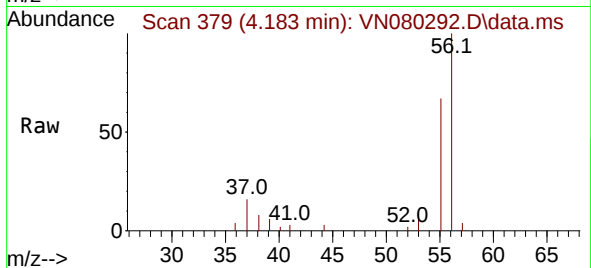
#13
Acrolein
Concen: 74.783 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 56 Resp: 30344
Ion Ratio Lower Upper
56 100
55 68.0 54.5 81.7

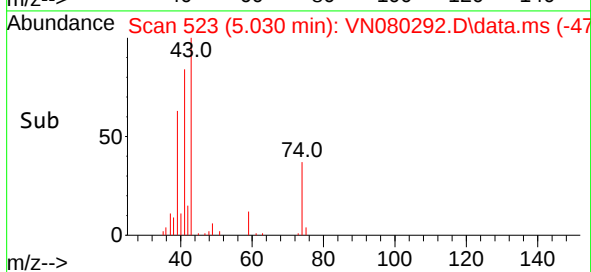
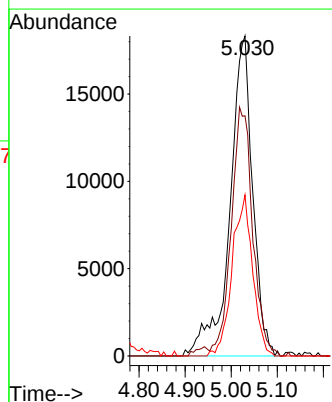
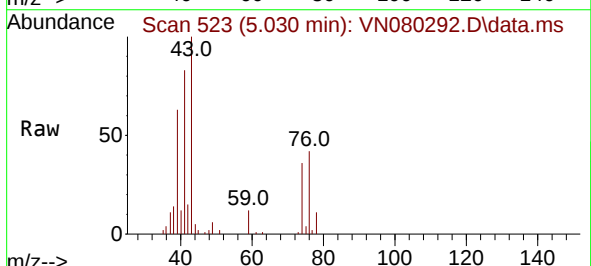
Manual Integrations
APPROVED

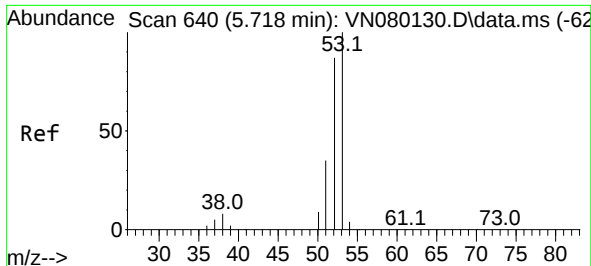
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#14
Allyl chloride
Concen: 18.832 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

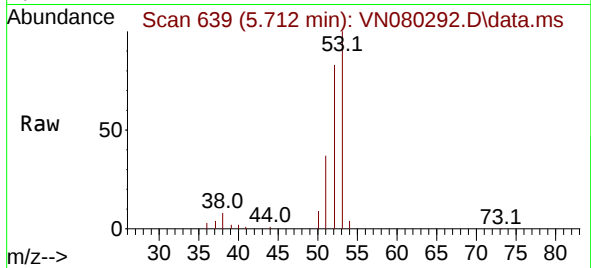
Tgt Ion: 41 Resp: 63234
Ion Ratio Lower Upper
41 100
39 72.7 58.8 88.2
76 45.1 39.1 58.7





#15
Acrylonitrile
Concen: 89.322 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

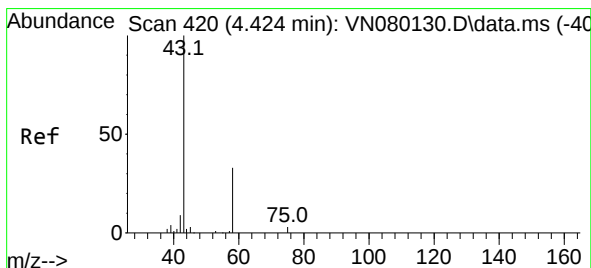
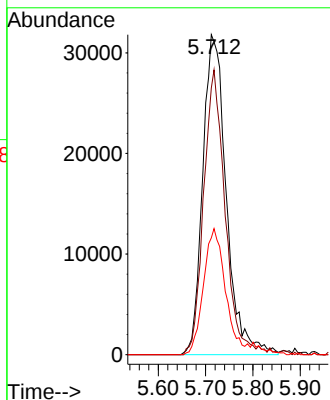
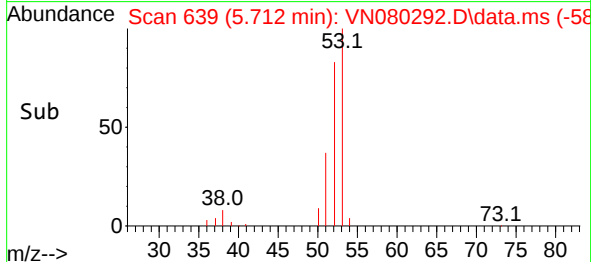
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion: 53 Resp: 10994
Ion Ratio Lower Upper
53 100
52 80.7 65.3 97.9
51 36.5 28.9 43.3

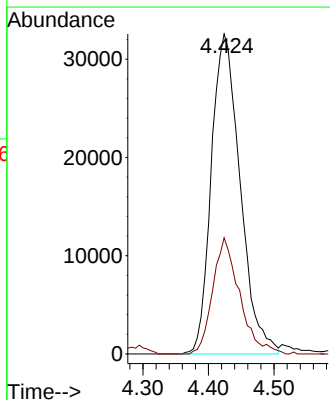
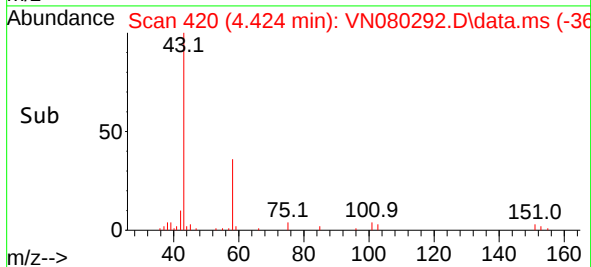
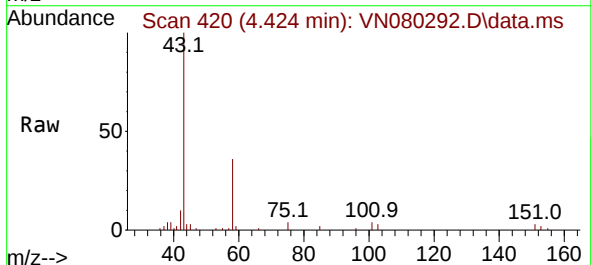
Manual Integrations
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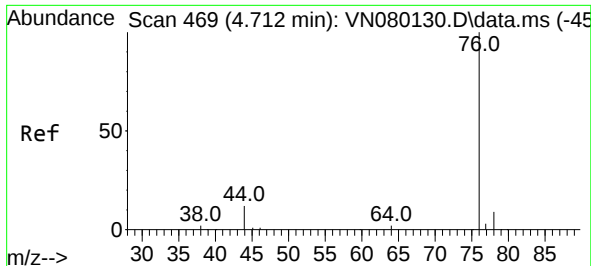
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#16
Acetone
Concen: 71.009 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion: 43 Resp: 99439
Ion Ratio Lower Upper
43 100
58 36.3 28.0 42.0





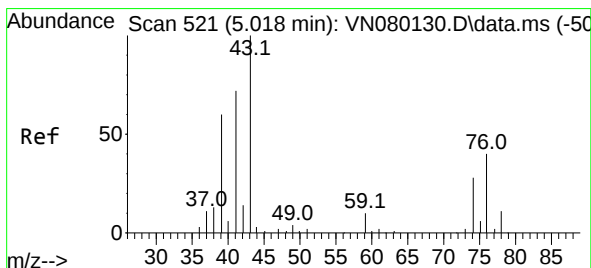
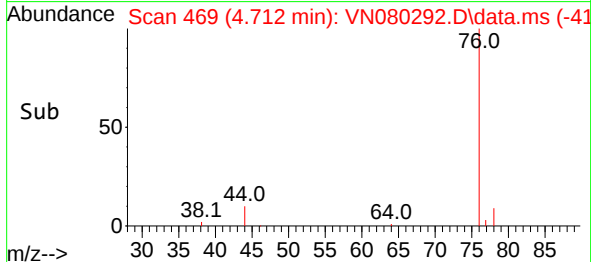
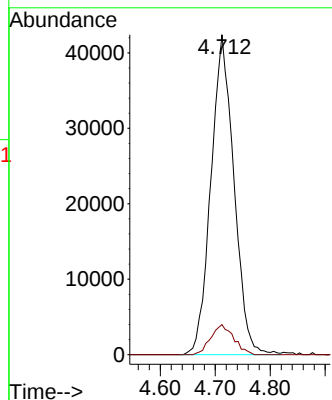
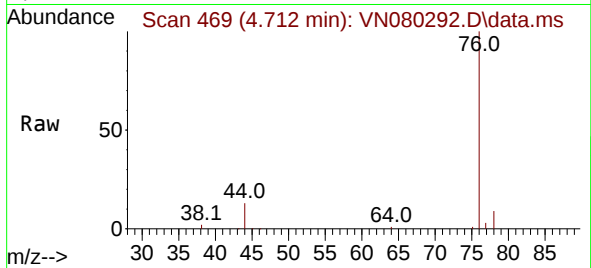
#17
Carbon Disulfide
Concen: 15.492 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 76 Resp: 12345
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

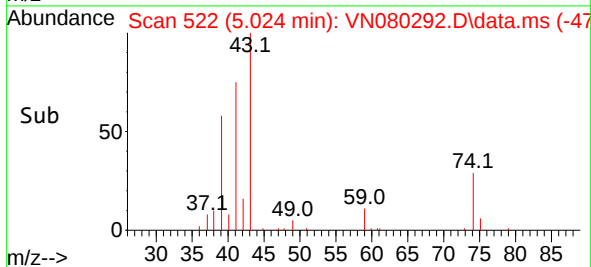
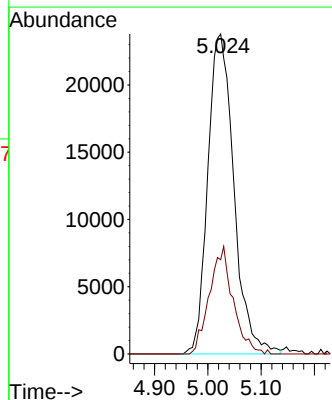
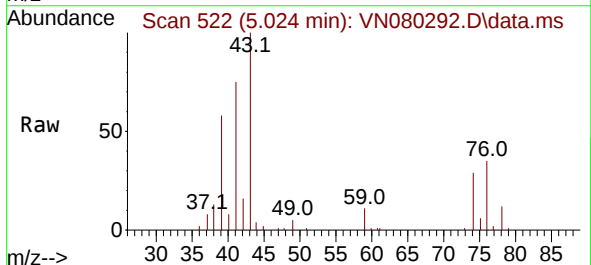
Manual Integrations
APPROVED

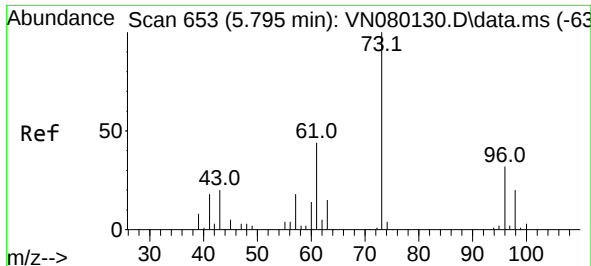
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#18
Methyl Acetate
Concen: 17.959 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion: 43 Resp: 80804
Ion Ratio Lower Upper
43 100
74 30.5 26.2 39.4





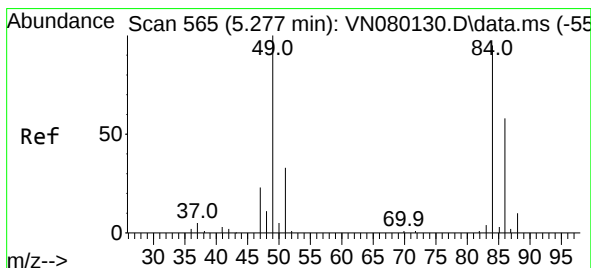
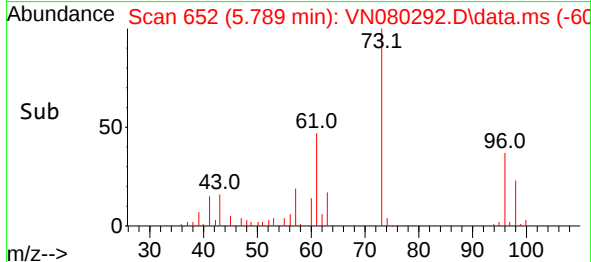
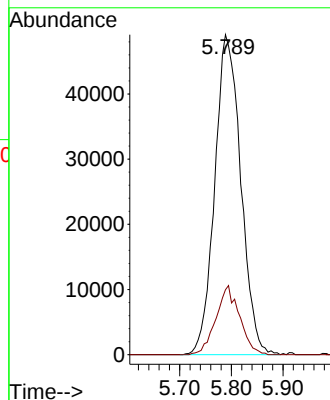
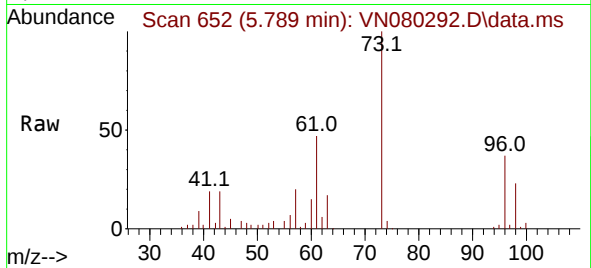
#19
Methyl tert-butyl Ether
Concen: 18.220 ug/l
RT: 5.789 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 73 Resp: 171724
Ion Ratio Lower Upper
73 100
57 20.3 15.6 23.4

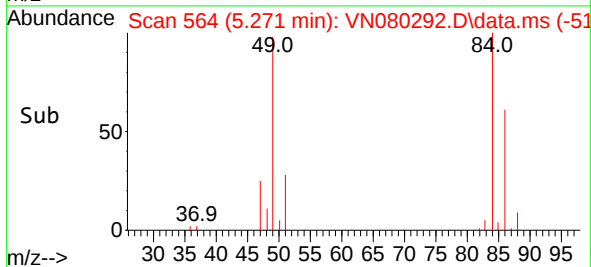
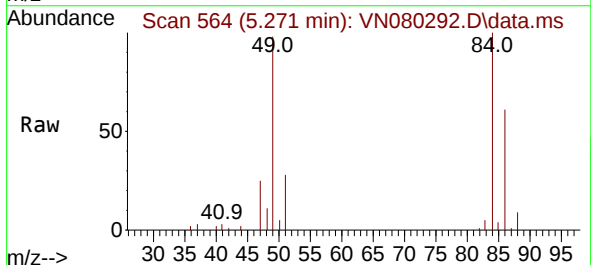
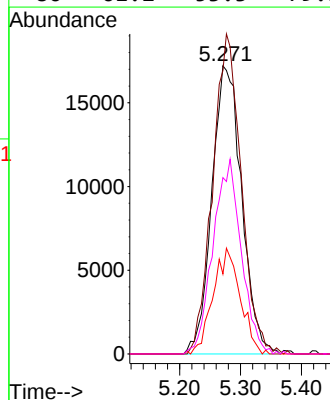
Manual Integrations
APPROVED

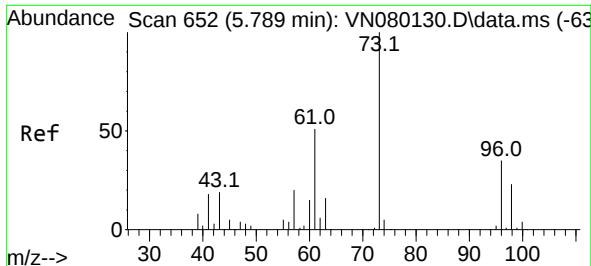
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#20
Methylene Chloride
Concen: 19.956 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

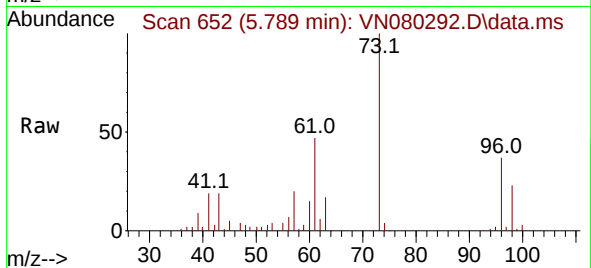
Tgt Ion: 84 Resp: 58523
Ion Ratio Lower Upper
84 100
49 98.3 79.7 119.5
51 27.8 25.2 37.8
86 61.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.222 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

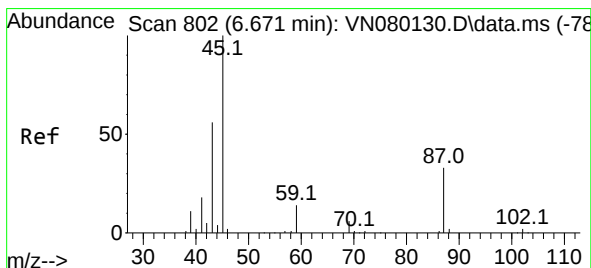
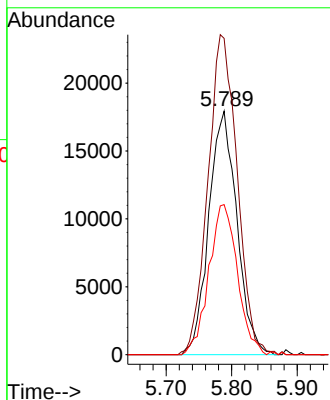
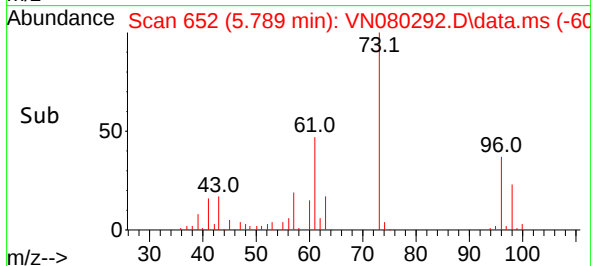
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion: 96 Resp: 5342
Ion Ratio Lower Upper
96 100
61 129.9 90.1 135.1
98 61.6 46.4 69.6

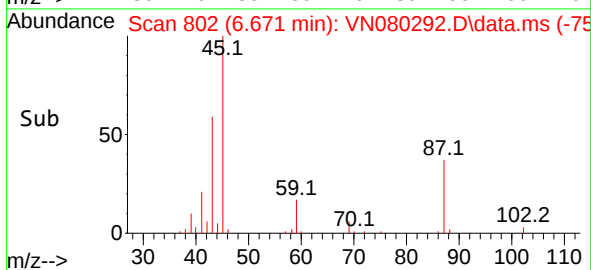
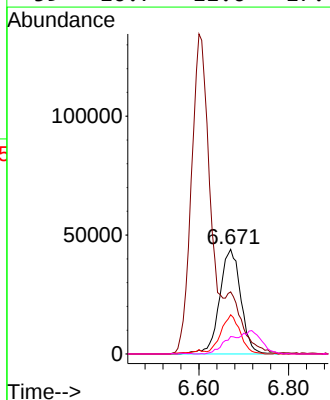
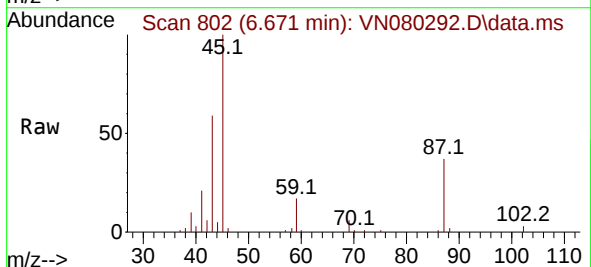
Manual Integrations
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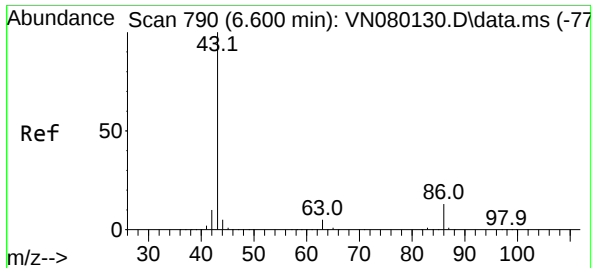
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#22
Diisopropyl ether
Concen: 19.438 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion: 45 Resp: 144406
Ion Ratio Lower Upper
45 100
43 58.5 45.5 68.3
87 37.5 31.8 47.8
59 16.7 11.6 17.4





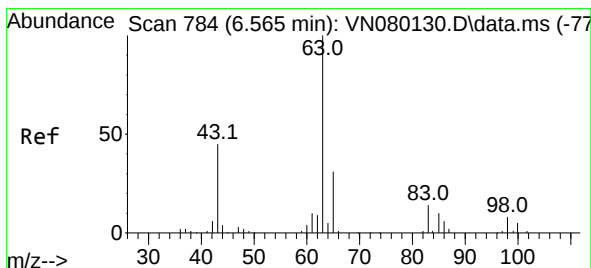
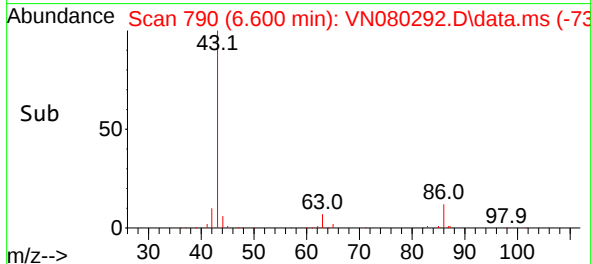
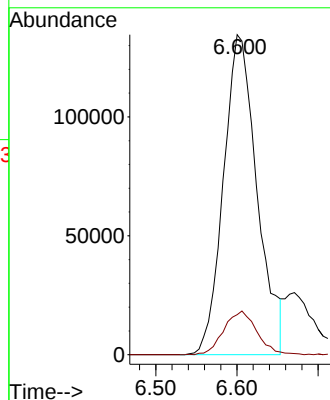
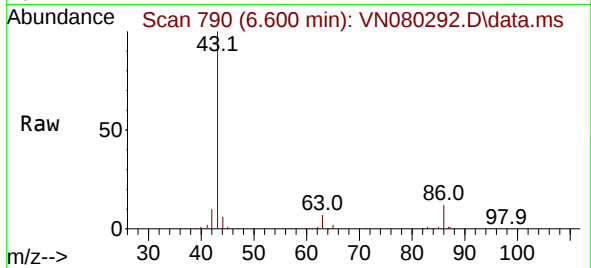
#23
 Vinyl Acetate
 Concen: 86.809 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080292.D
 Acq: 28 Nov 2023 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

Tgt Ion: 43 Resp: 38770
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

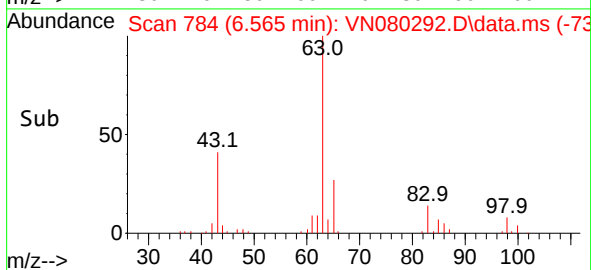
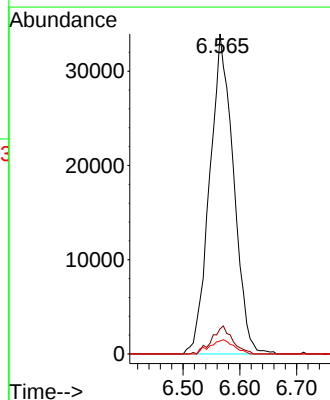
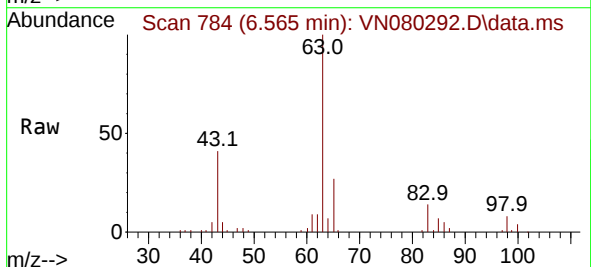
Manual Integrations
 APPROVED

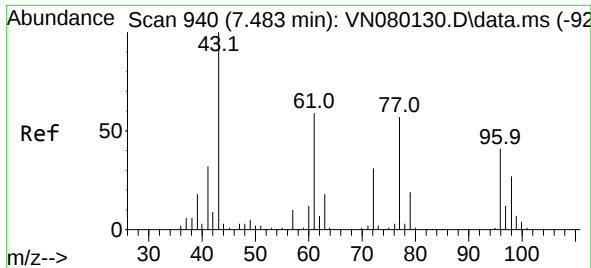
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#24
 1,1-Dichloroethane
 Concen: 18.267 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080292.D
 Acq: 28 Nov 2023 13:05

Tgt Ion: 63 Resp: 98837
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 4.0 2.5 7.4





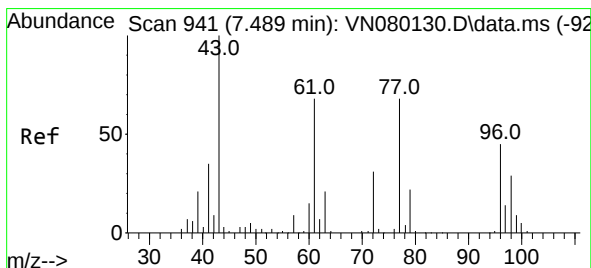
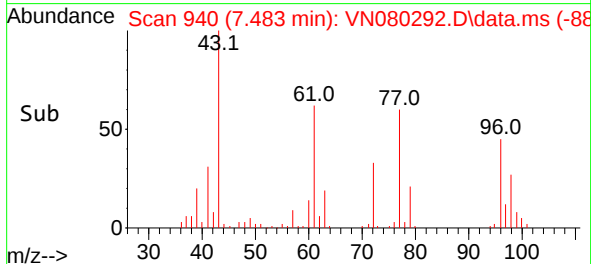
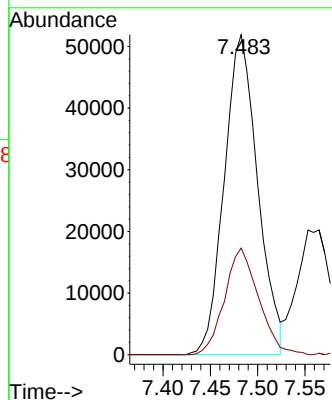
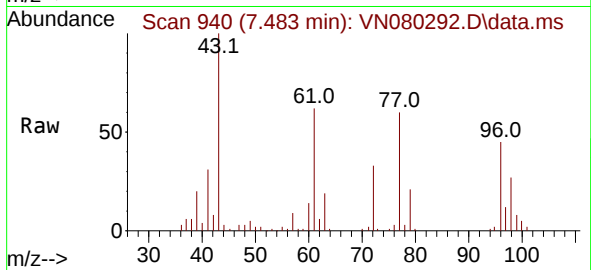
#25
2-Butanone
Concen: 76.755 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 43 Resp: 12770
Ion Ratio Lower Upper
43 100
72 33.3 30.2 45.2

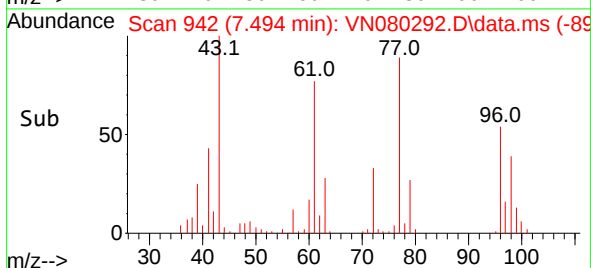
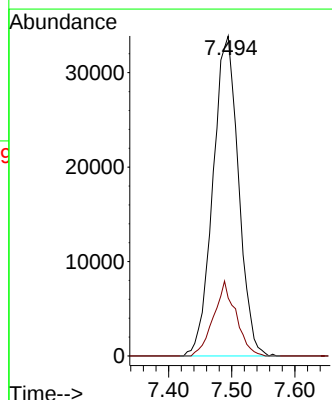
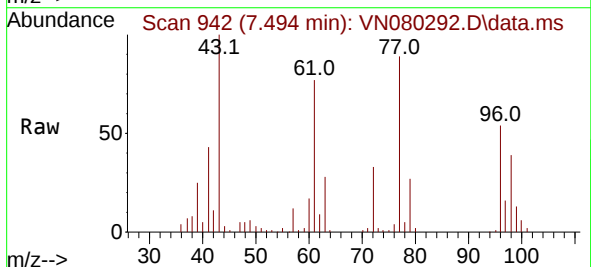
Manual Integrations
APPROVED

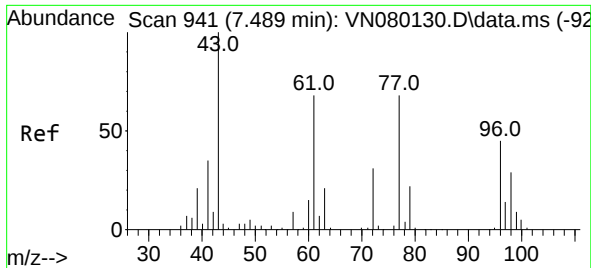
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#26
2,2-Dichloropropane
Concen: 17.753 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

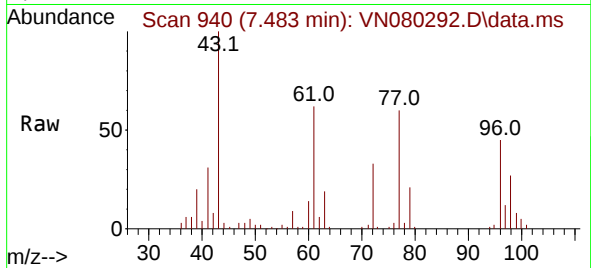
Tgt Ion: 77 Resp: 95302
Ion Ratio Lower Upper
77 100
97 20.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.199 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080292.D
 Acq: 28 Nov 2023 13:05

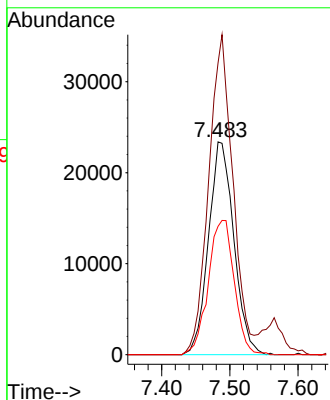
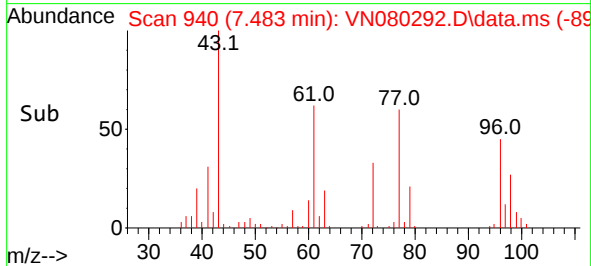
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01



Tgt Ion: 96 Resp: 6049
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 255.2
 98 64.8 0.0 128.8

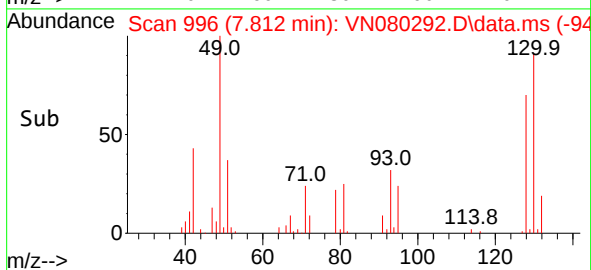
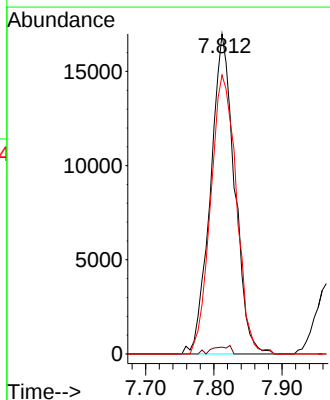
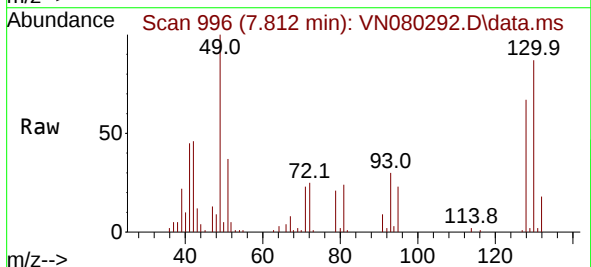
Manual Integrations
 APPROVED

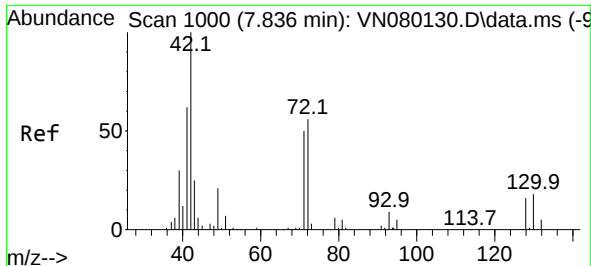
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#28
 Bromochloromethane
 Concen: 19.651 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080292.D
 Acq: 28 Nov 2023 13:05

Tgt Ion: 49 Resp: 41801
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 93.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 89.891 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion: 42 Resp: 80290

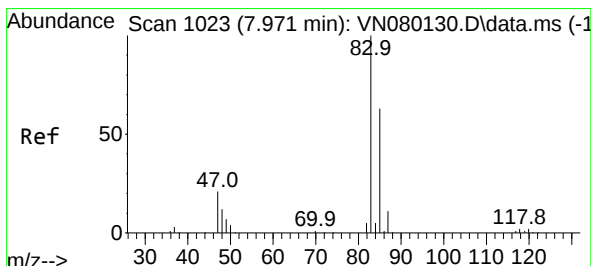
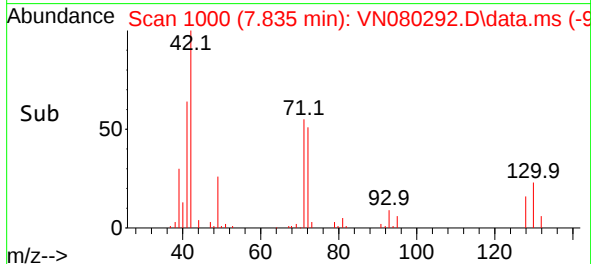
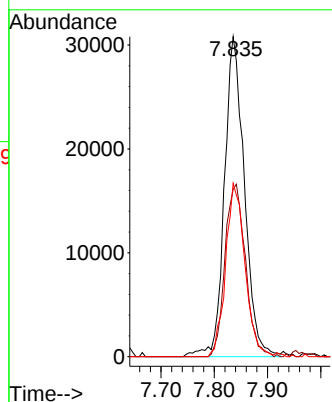
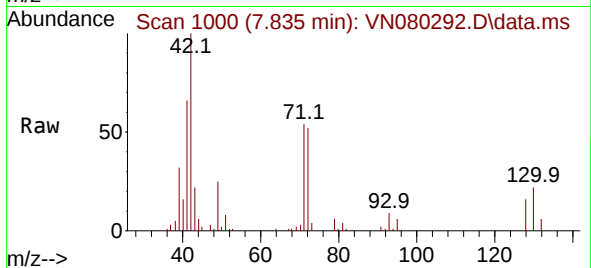
Ion	Ratio	Lower	Upper
42	100		
72	55.2	49.8	74.6
71	52.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#30

Chloroform

Concen: 19.449 ug/l

RT: 7.965 min Scan# 1022

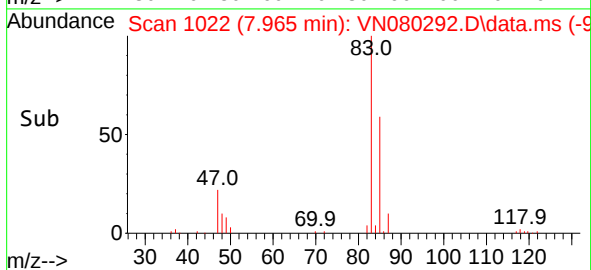
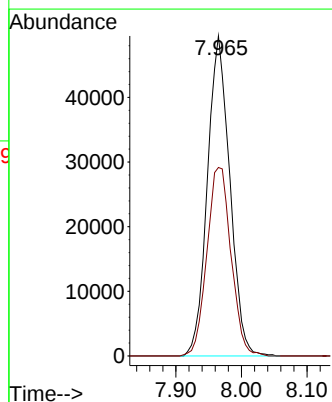
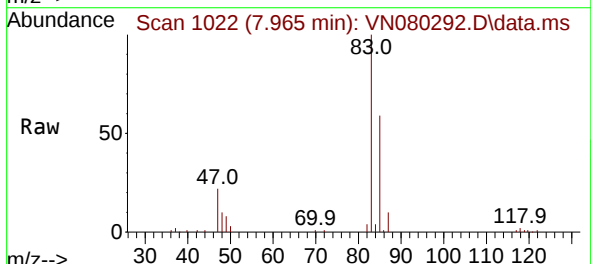
Delta R.T. -0.006 min

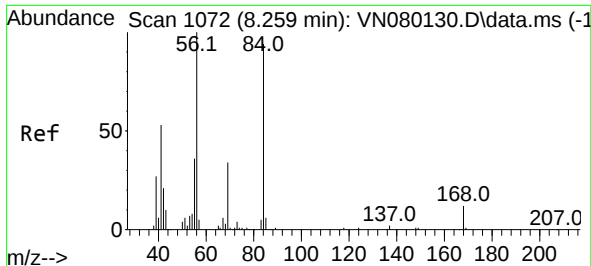
Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Tgt Ion: 83 Resp: 117621

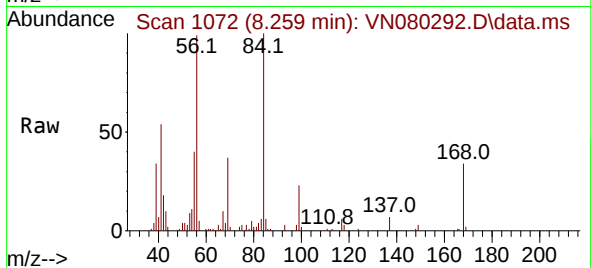
Ion	Ratio	Lower	Upper
83	100		
85	58.9	55.4	83.0





#31
Cyclohexane
Concen: 15.880 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

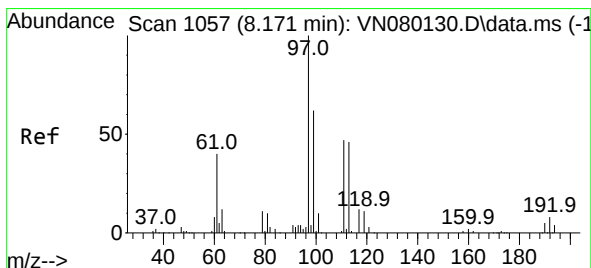
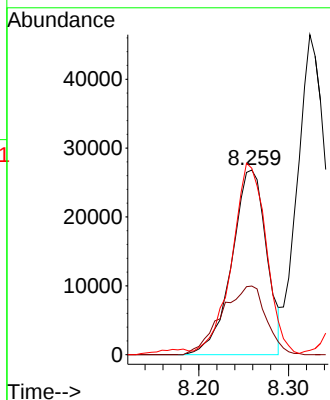
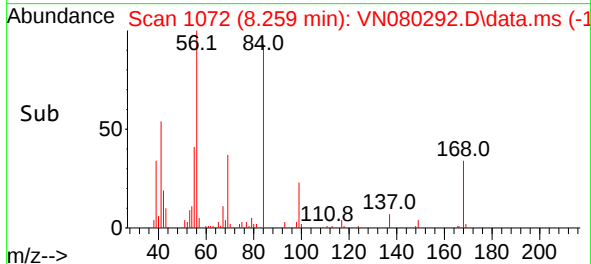
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



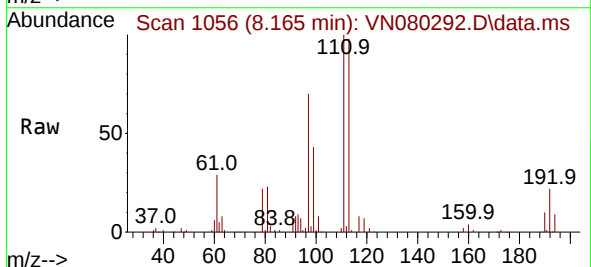
Tgt Ion: 56 Resp: 72000
Ion Ratio Lower Upper
56 100
69 37.2 26.8 40.2
84 98.4 81.8 122.6

Manual Integrations
APPROVED

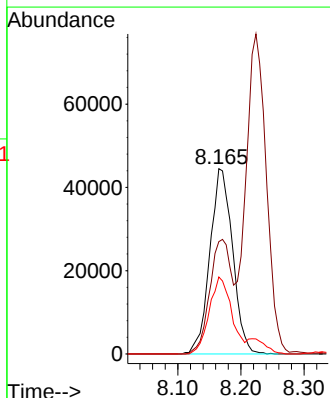
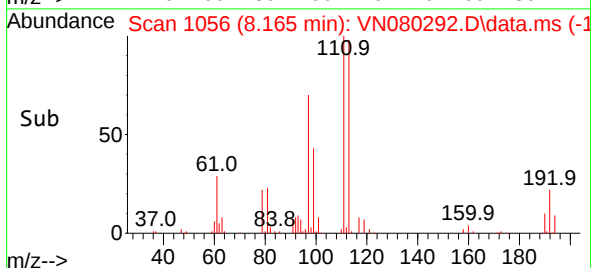
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

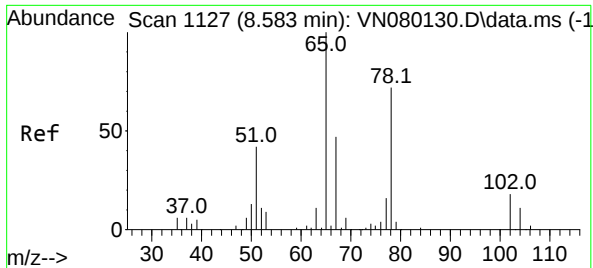


#32
1,1,1-Trichloroethane
Concen: 18.850 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05



Tgt Ion: 97 Resp: 111172
Ion Ratio Lower Upper
97 100
99 58.6 50.3 75.5
61 40.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.956 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion: 65 Resp: 199940

Ion Ratio Lower Upper

65 100

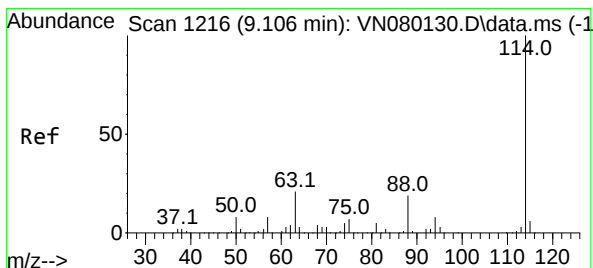
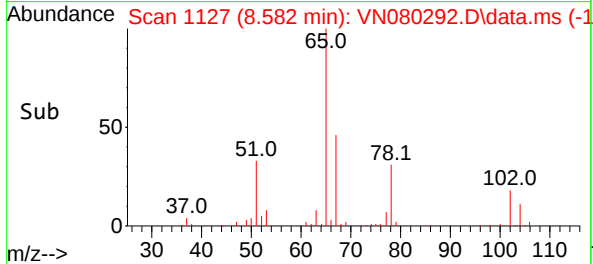
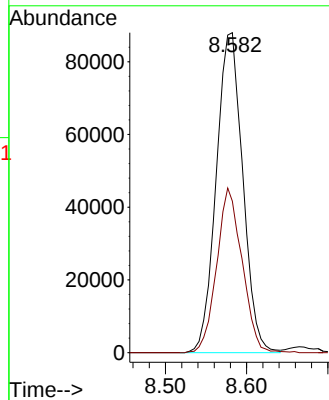
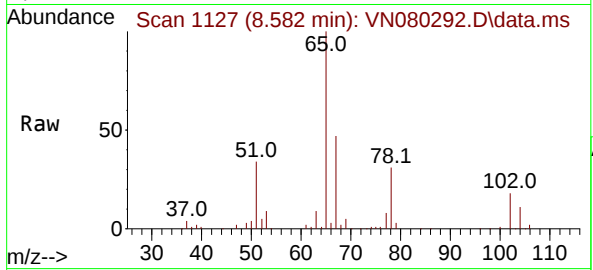
67 49.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

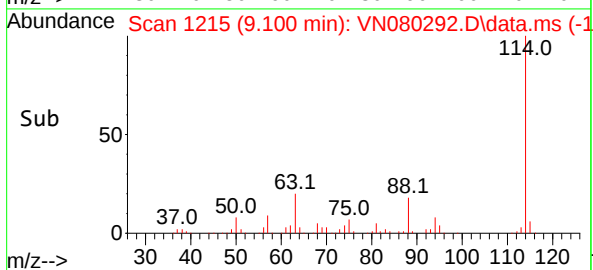
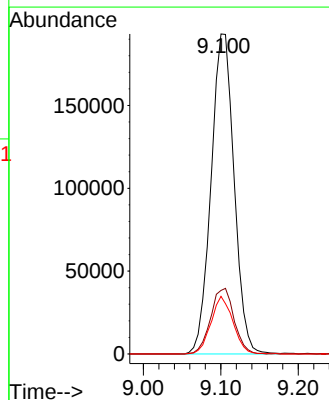
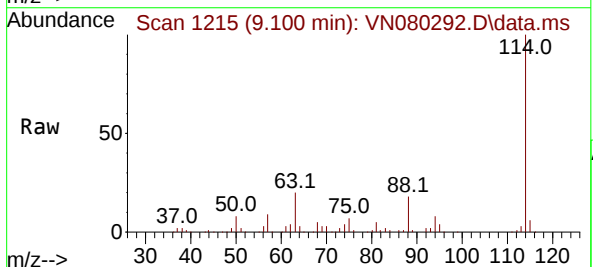
Tgt Ion:114 Resp: 399312

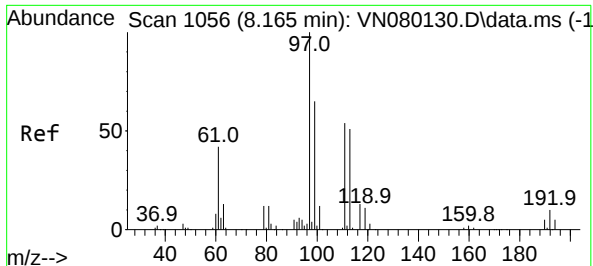
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 18.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.064 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion:113 Resp: 15340

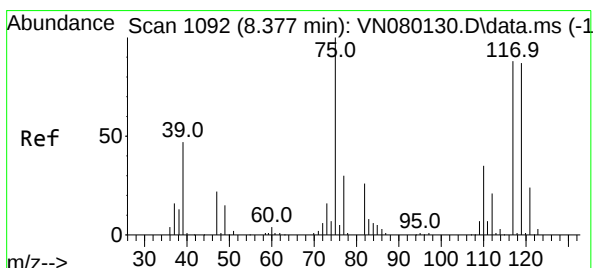
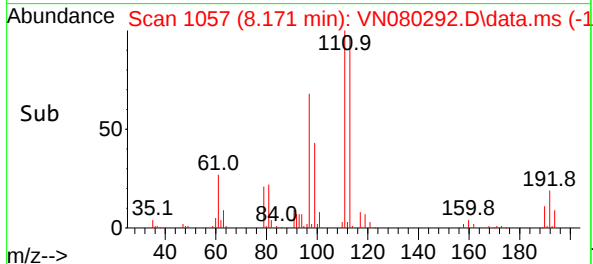
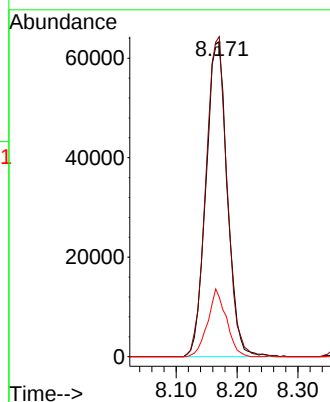
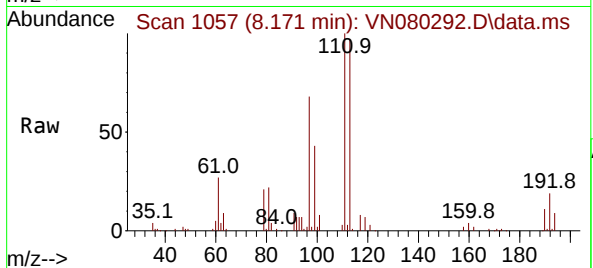
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	18.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#36

1,1-Dichloropropene

Concen: 18.314 ug/l

RT: 8.371 min Scan# 1091

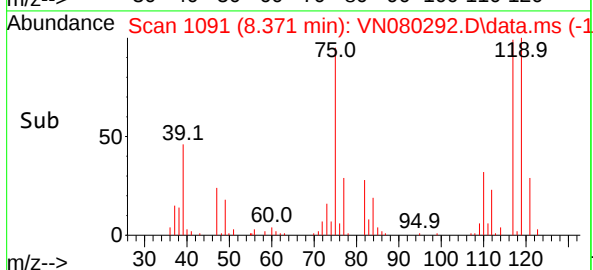
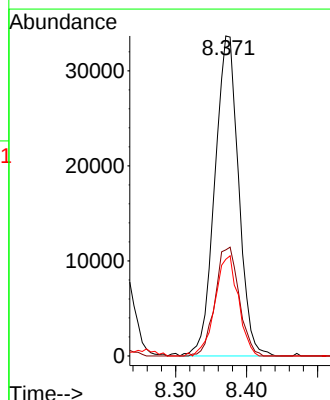
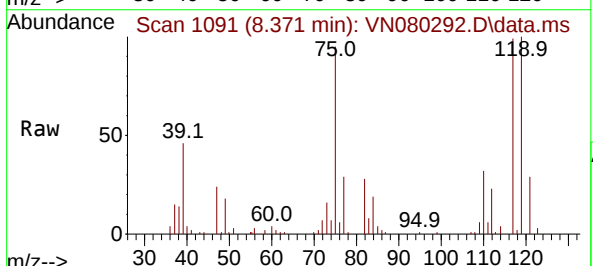
Delta R.T. -0.006 min

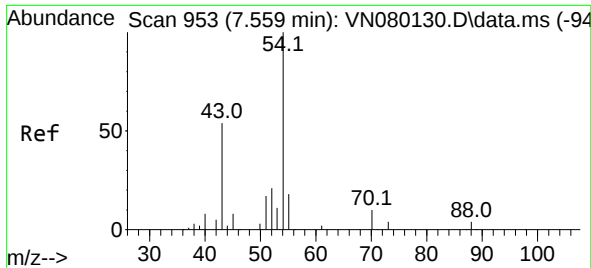
Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Tgt Ion: 75 Resp: 78123

Ion	Ratio	Lower	Upper
75	100		
110	34.3	19.1	57.3
77	30.7	25.0	37.4





#37

Ethyl Acetate

Concen: 18.022 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

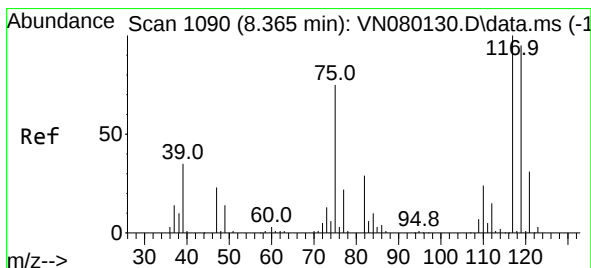
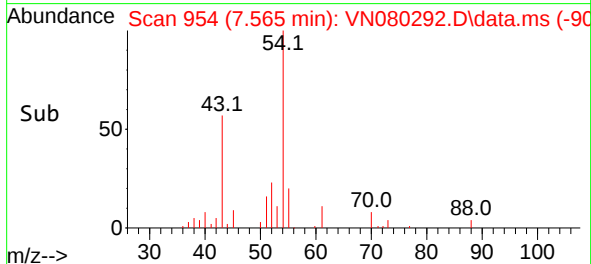
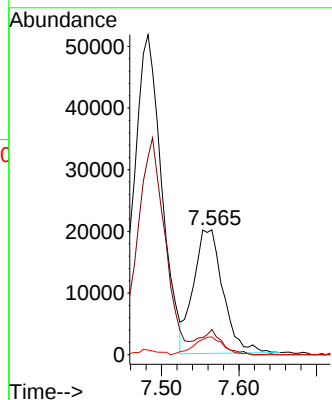
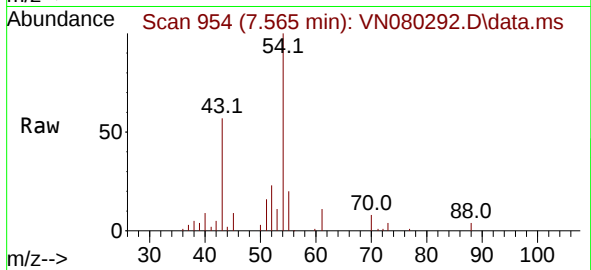
Tgt Ion: 43	Resp: 53320
Ion Ratio	Lower Upper
43 100	
61 14.4	13.2 19.8
70 14.0	11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#38

Carbon Tetrachloride

Concen: 18.486 ug/l

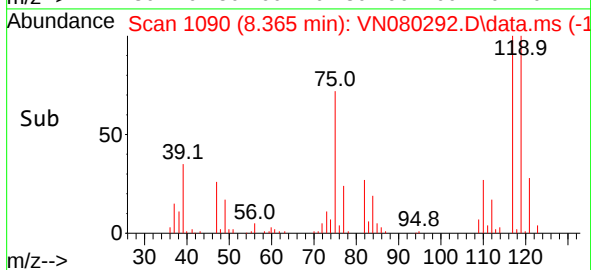
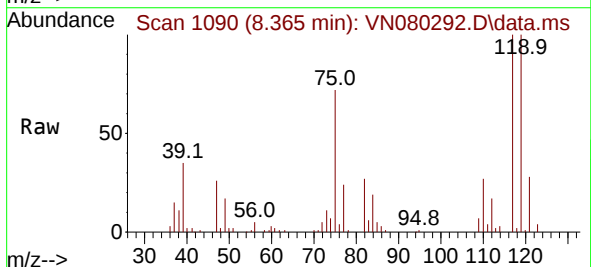
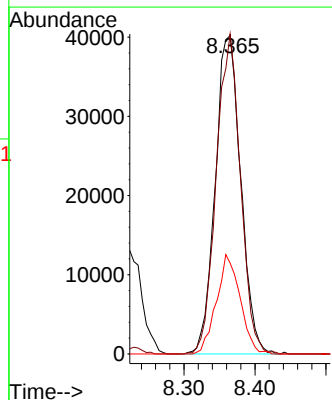
RT: 8.365 min Scan# 1090

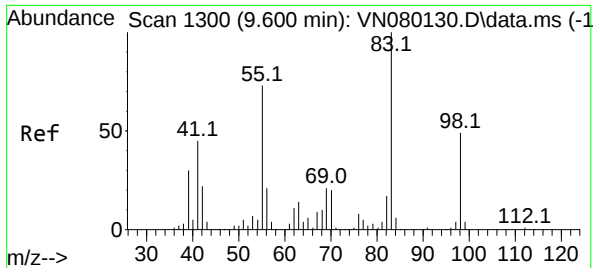
Delta R.T. -0.000 min

Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Tgt Ion: 117	Resp: 100070
Ion Ratio	Lower Upper
117 100	
119 100.5	77.3 115.9
121 28.6	23.3 34.9





#39

Methylcyclohexane

Concen: 16.380 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion: 83 Resp: 67372

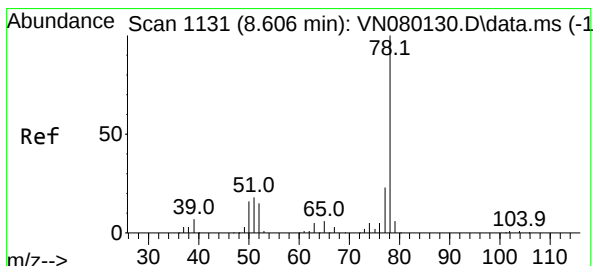
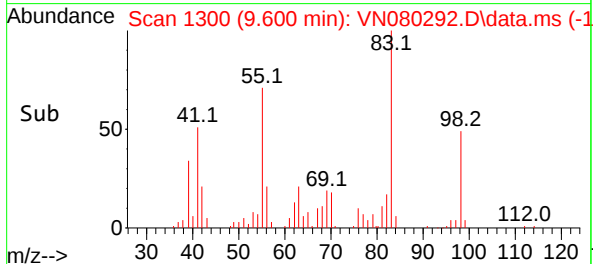
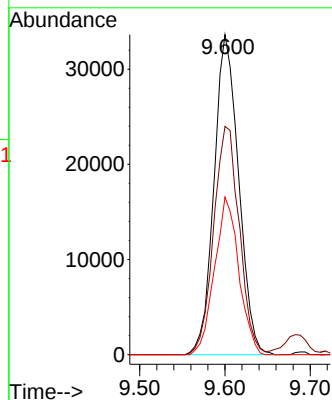
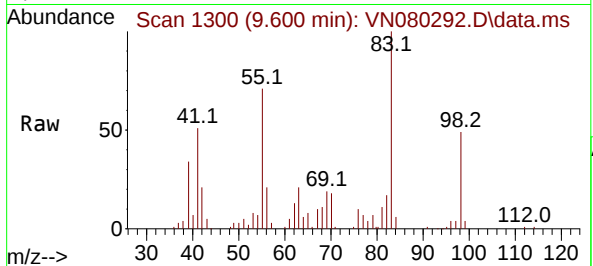
Ion	Ratio	Lower	Upper
83	100		
55	71.4	49.1	73.7
98	49.3	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#40

Benzene

Concen: 18.651 ug/l

RT: 8.606 min Scan# 1131

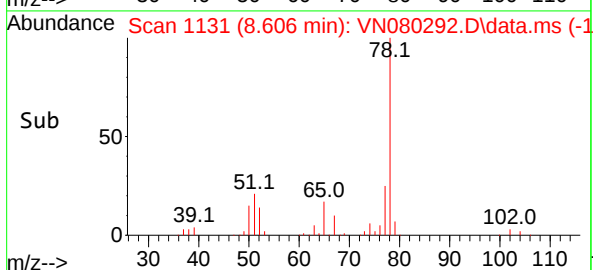
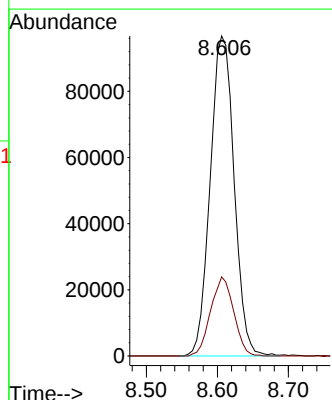
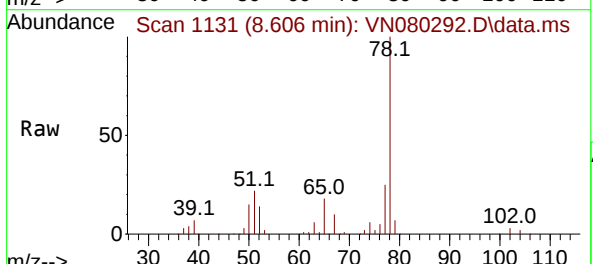
Delta R.T. -0.000 min

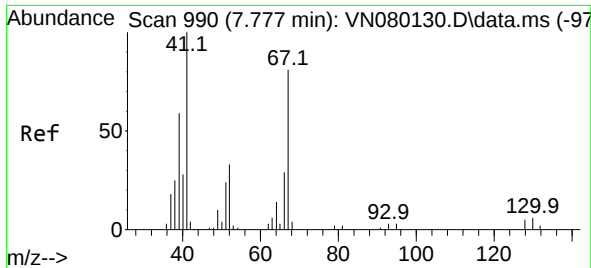
Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Tgt Ion: 78 Resp: 226121

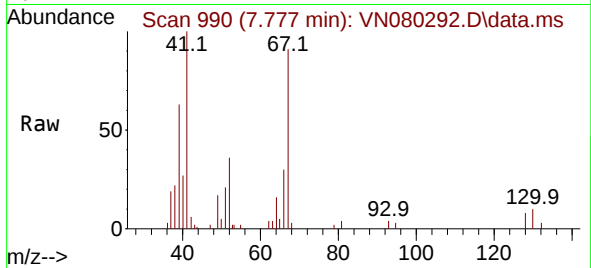
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.6





#41
Methacrylonitrile
Concen: 18.380 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

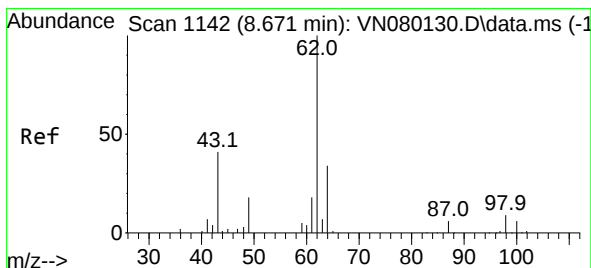
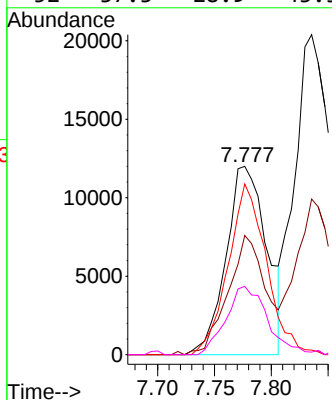
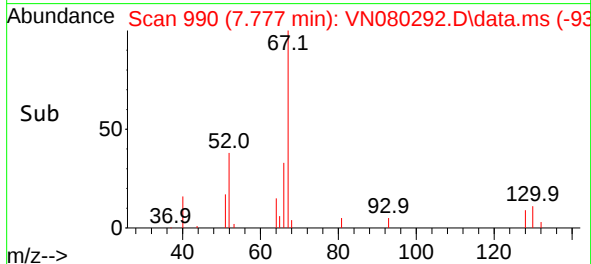
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion: 41 Resp: 29860
Ion Ratio Lower Upper
41 100
39 58.9 42.6 64.0
67 85.6 77.5 116.3
52 37.3 28.9 43.3

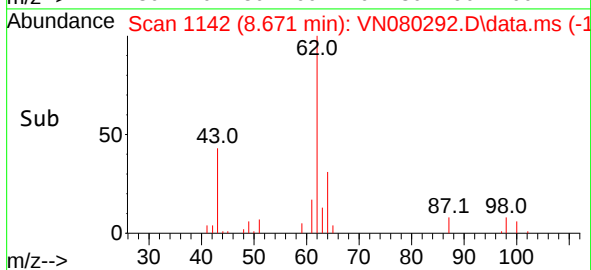
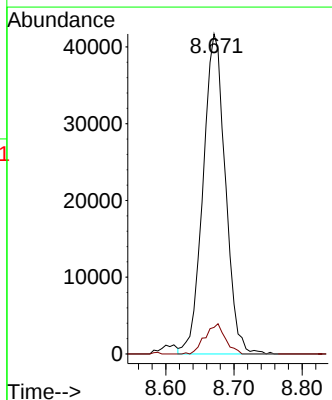
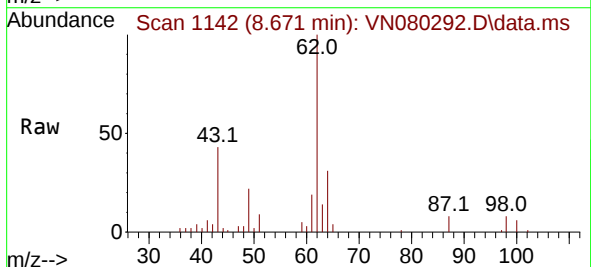
Manual Integrations
APPROVED

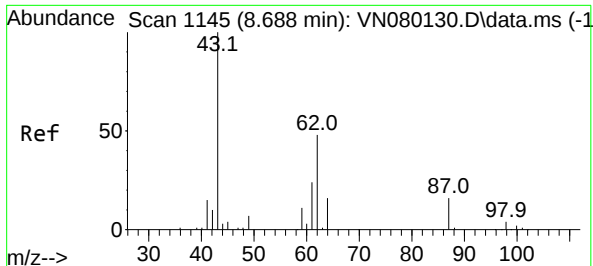
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#42
1,2-Dichloroethane
Concen: 19.148 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion: 62 Resp: 94975
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43

Isopropyl Acetate

Concen: 15.044 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion: 43 Resp: 86620

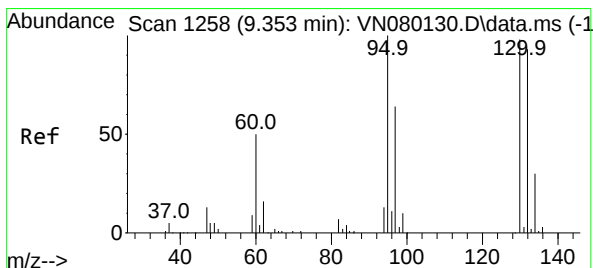
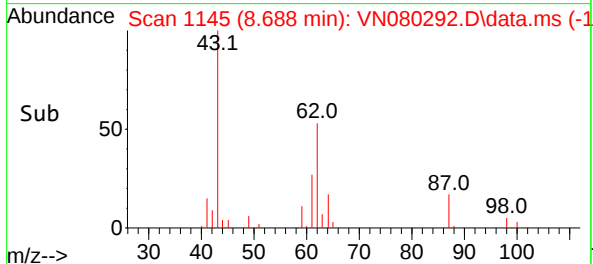
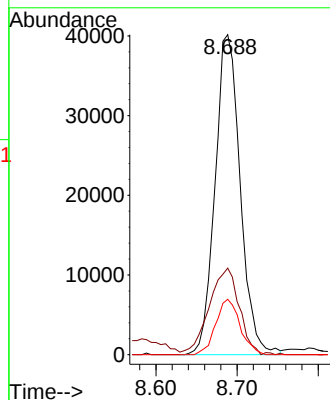
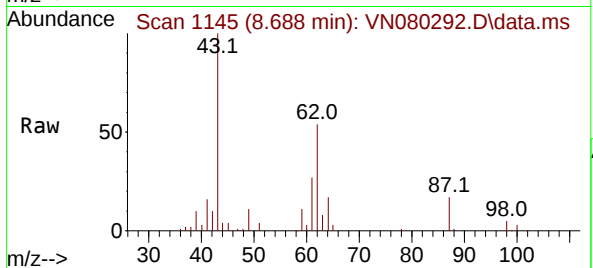
Ion	Ratio	Lower	Upper
43	100		
61	32.4	24.7	37.1
87	16.7	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#44

Trichloroethene

Concen: 18.509 ug/l

RT: 9.347 min Scan# 1257

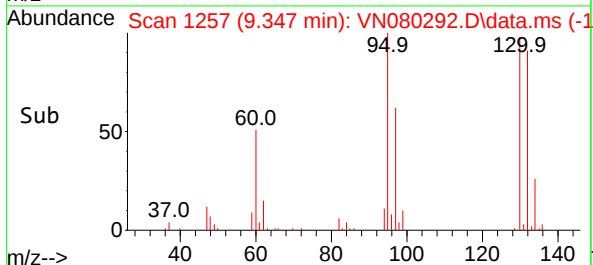
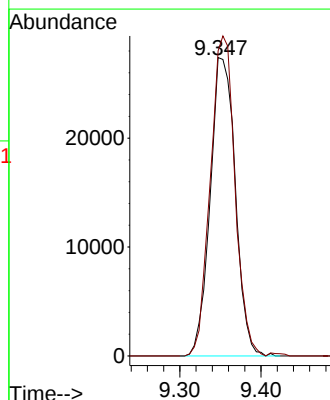
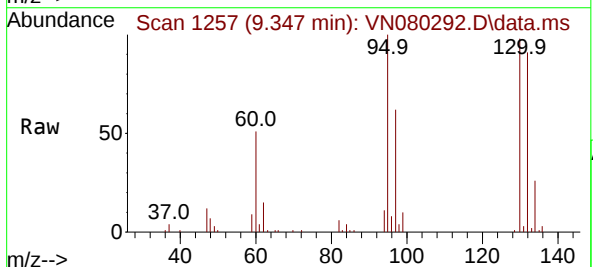
Delta R.T. -0.006 min

Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Tgt Ion:130 Resp: 58862

Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	204.6





#45

1,2-Dichloropropane

Concen: 19.260 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion: 63 Resp: 5426

Ion Ratio Lower Upper

63 100

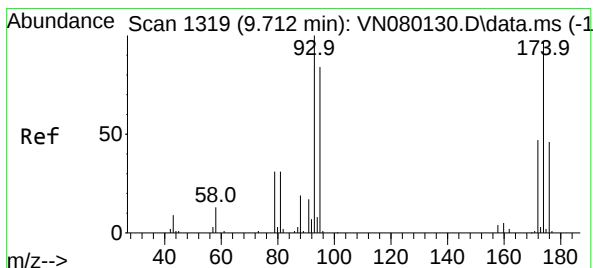
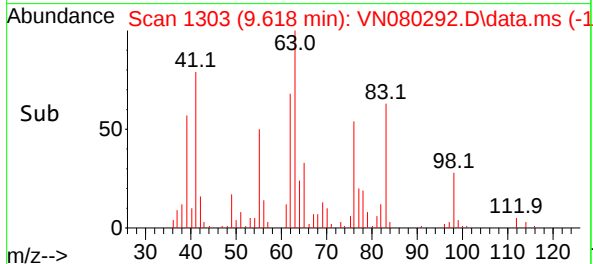
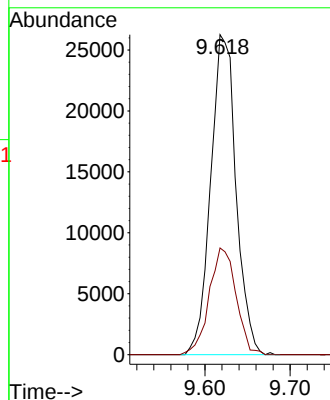
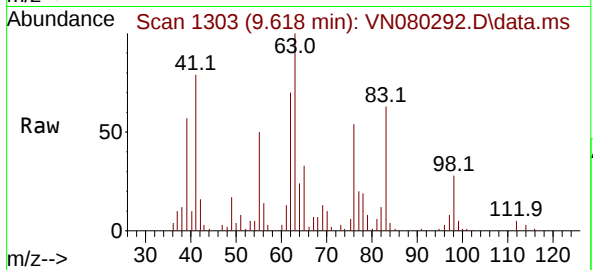
65 33.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#46

Dibromomethane

Concen: 18.976 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

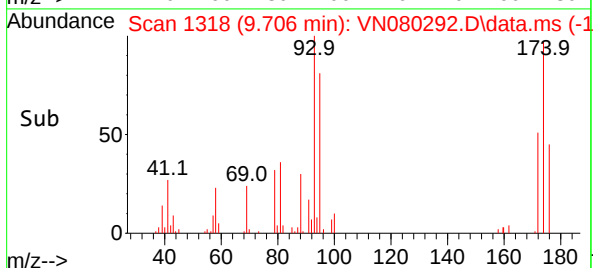
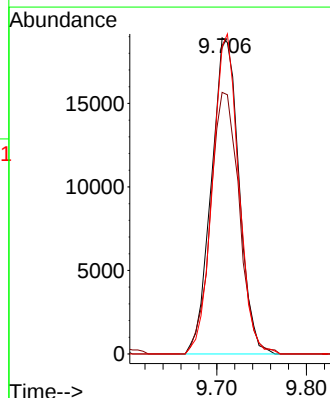
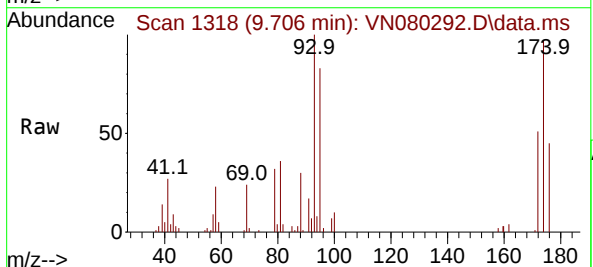
Tgt Ion: 93 Resp: 40472

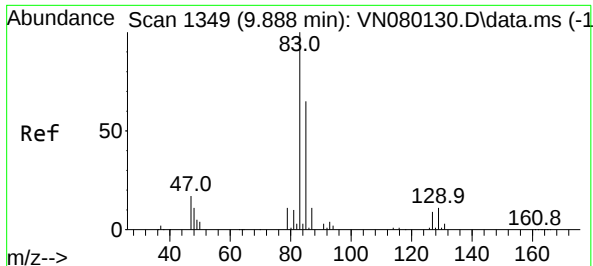
Ion Ratio Lower Upper

93 100

95 86.0 63.8 95.8

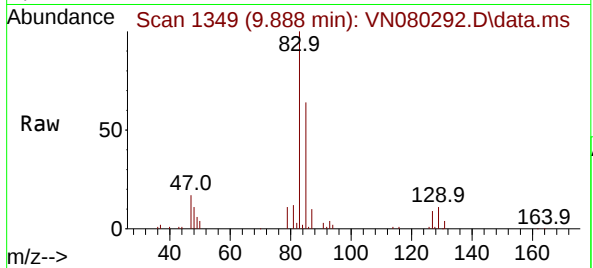
174 95.4 65.6 98.4





#47
Bromodichloromethane
Concen: 19.500 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

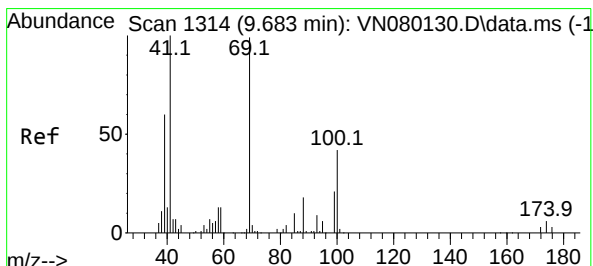
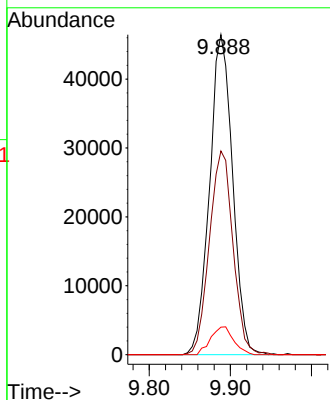
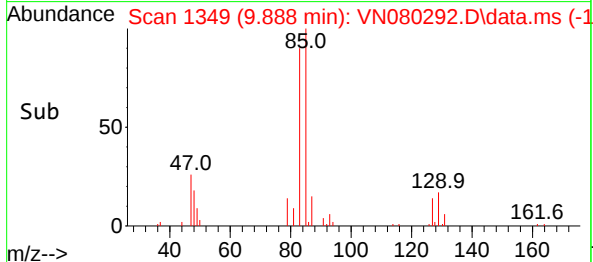
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion: 83 Resp: 91486
Ion Ratio Lower Upper
83 100
85 63.7 49.6 74.4
127 8.6 7.0 10.6

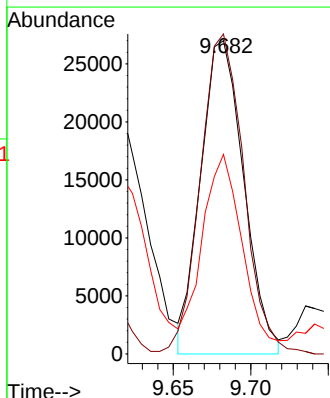
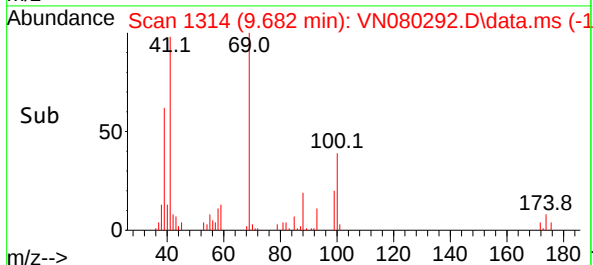
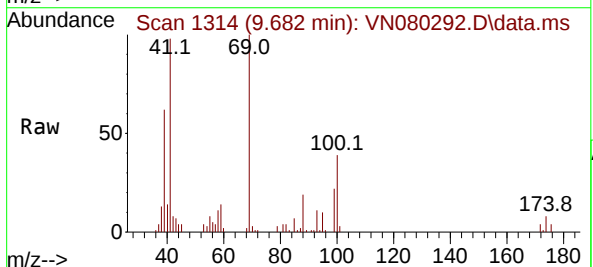
Manual Integrations
APPROVED

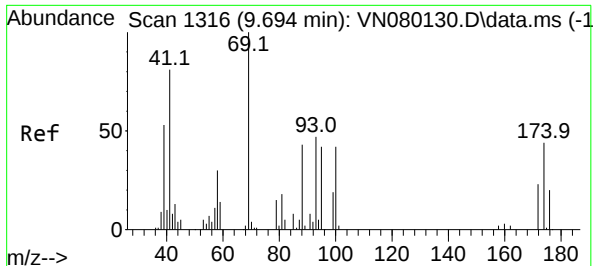
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#48
Methyl methacrylate
Concen: 17.587 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion: 41 Resp: 52186
Ion Ratio Lower Upper
41 100
69 103.1 90.4 135.6
39 60.2 54.6 81.8





#49

1,4-Dioxane

Concen: 339.170 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion: 88 Resp: 1674

Ion Ratio Lower Upper

88 100

43 28.8 17.0 25.6

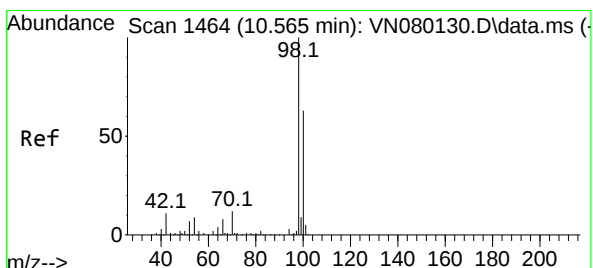
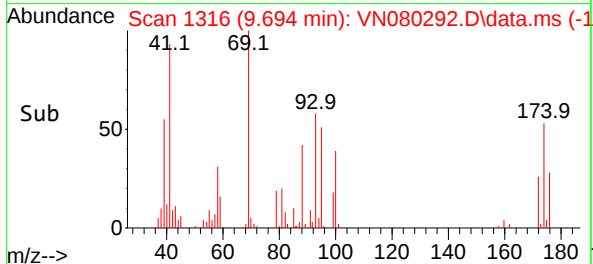
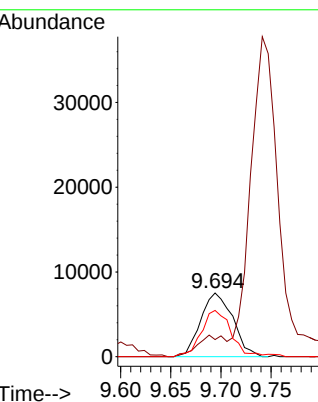
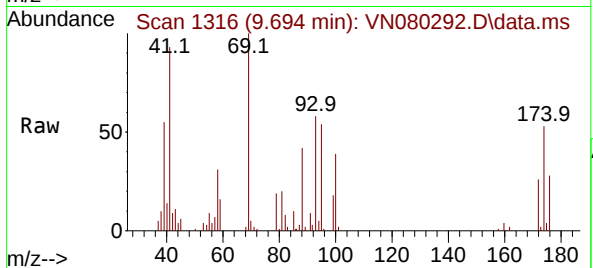
58 68.4 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#50

Toluene-d8

Concen: 50.755 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080292.D

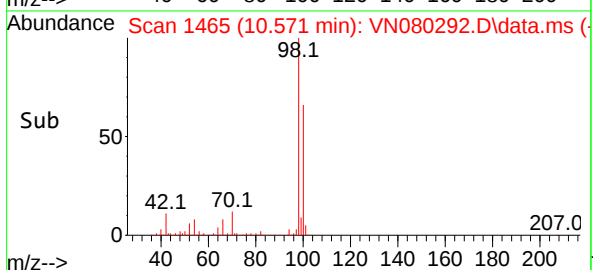
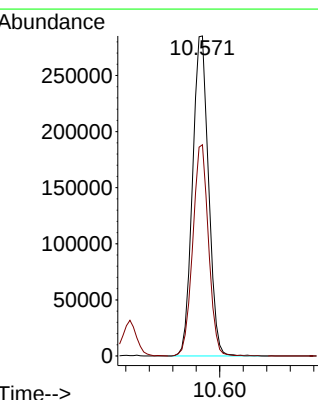
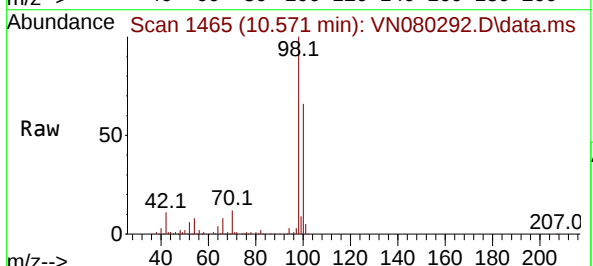
Acq: 28 Nov 2023 13:05

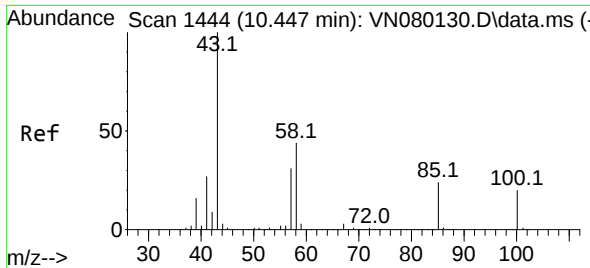
Tgt Ion: 98 Resp: 539079

Ion Ratio Lower Upper

98 100

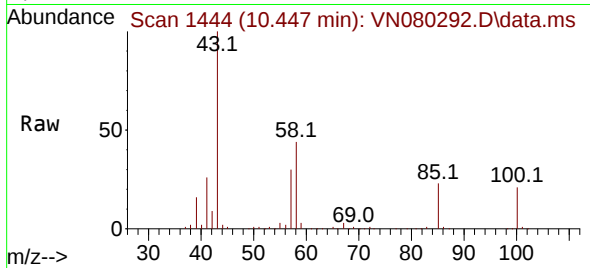
100 64.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 90.896 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

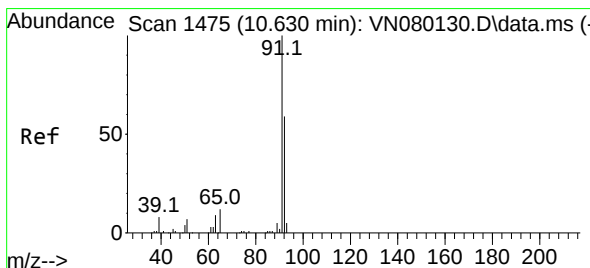
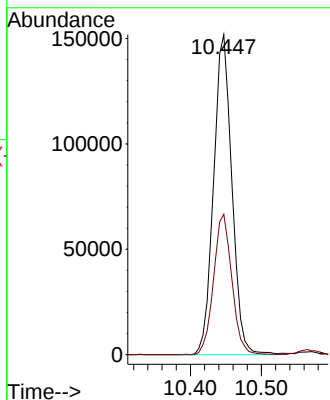
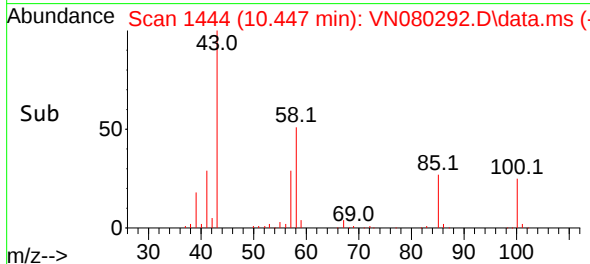
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion: 43 Resp: 270964
Ion Ratio Lower Upper
43 100
58 43.9 36.6 54.8

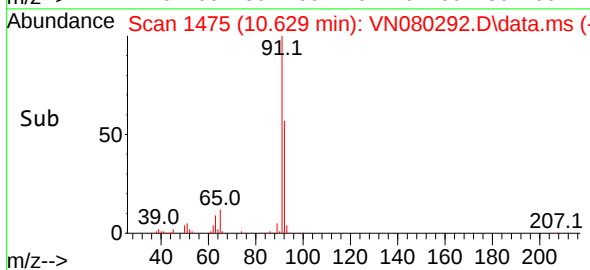
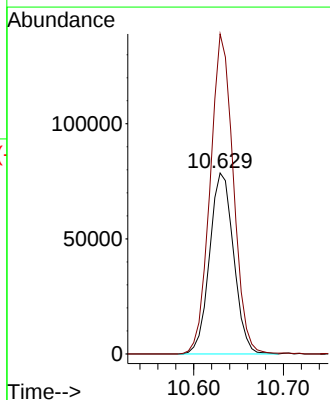
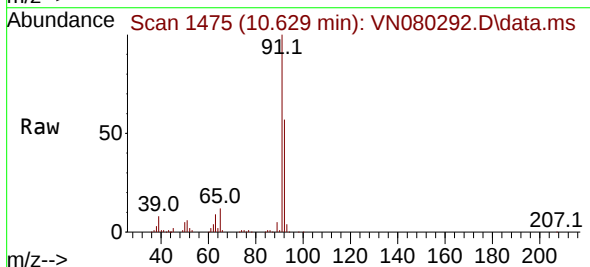
Manual Integrations
APPROVED

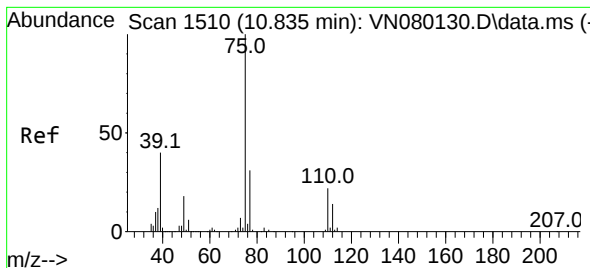
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#52
Toluene
Concen: 19.252 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion: 92 Resp: 146073
Ion Ratio Lower Upper
92 100
91 171.0 137.4 206.0





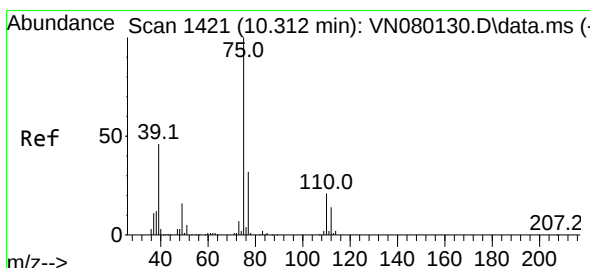
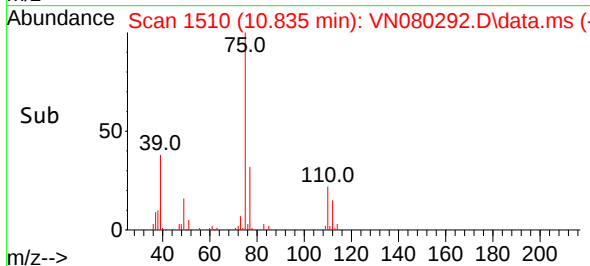
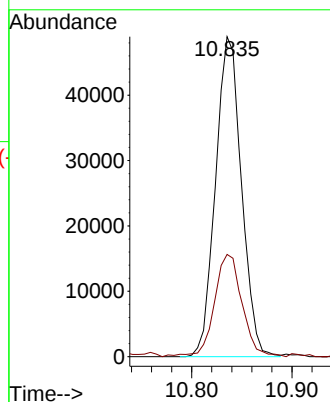
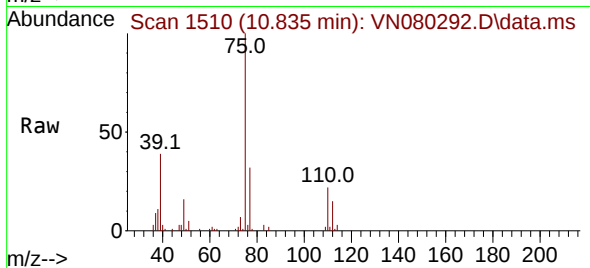
#53
t-1,3-Dichloropropene
Concen: 18.175 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 75 Resp: 87608
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

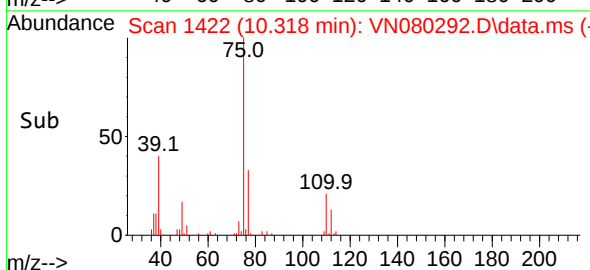
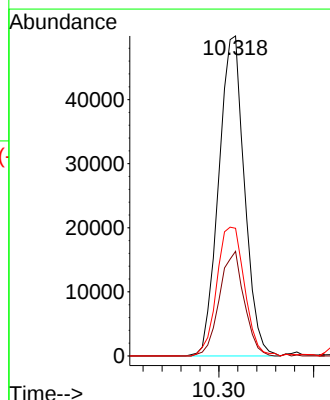
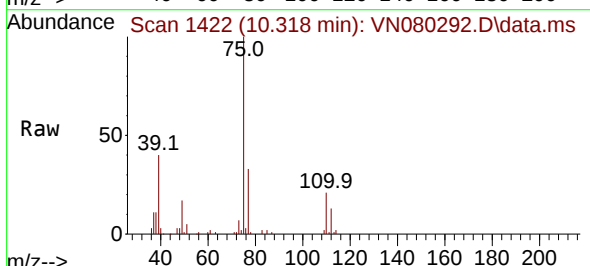
Manual Integrations
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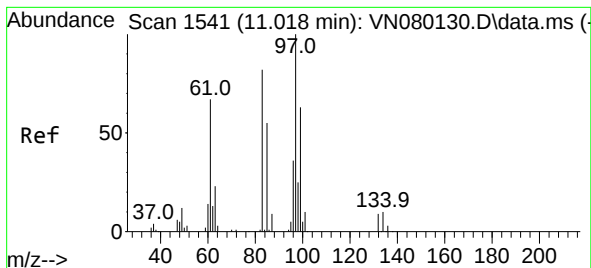
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#54
cis-1,3-Dichloropropene
Concen: 19.140 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion: 75 Resp: 94257
Ion Ratio Lower Upper
75 100
77 32.7 26.1 39.1
39 39.9 31.6 47.4





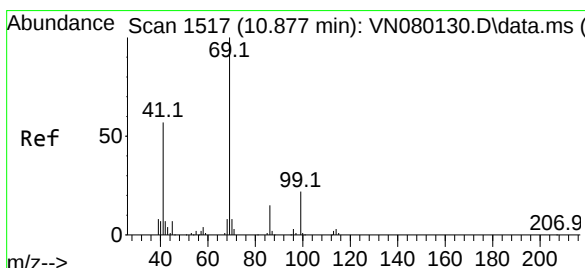
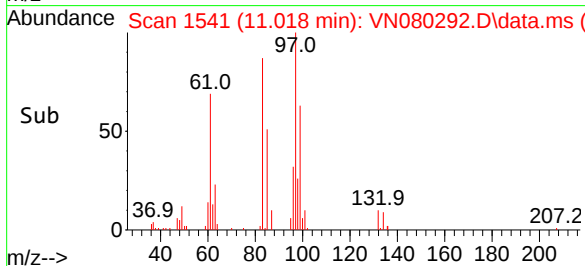
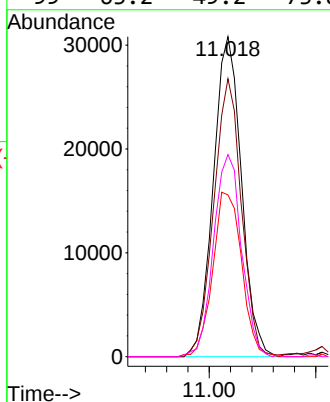
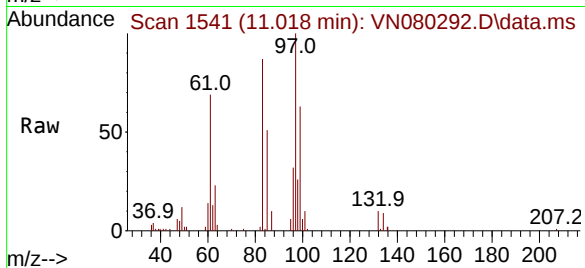
#55
1,1,2-Trichloroethane
Concen: 19.471 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Instrument : MSVOA_N
ClientSampleId : VN1128WBS01

Tgt Ion: 97	Resp: 5638
Ion Ratio	Lower Upper
97 100	
83 86.9	65.1 97.7
85 50.5	43.4 65.2
99 63.2	49.2 73.8

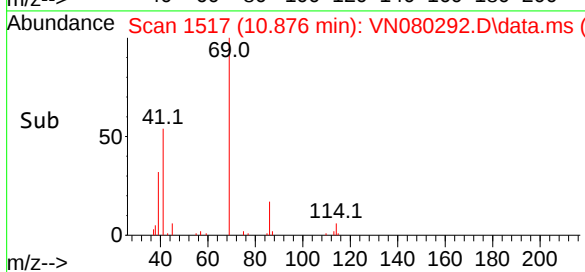
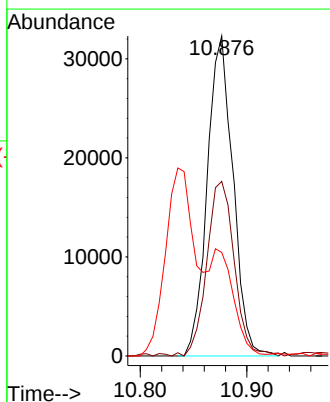
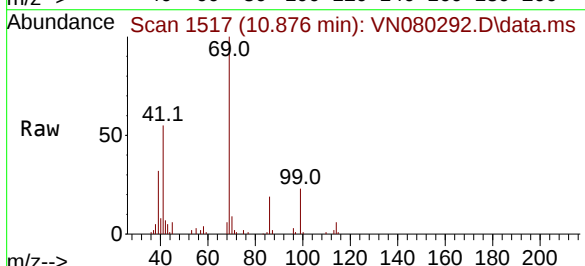
Manual Integrations
APPROVED

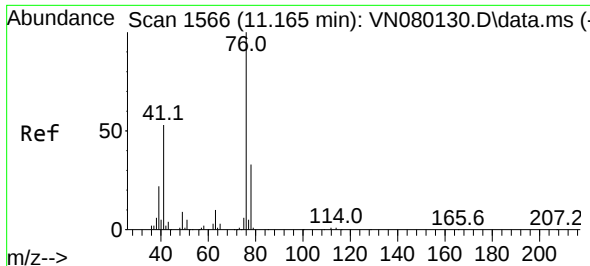
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#56
Ethyl methacrylate
Concen: 18.340 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion: 69	Resp: 54256
Ion Ratio	Lower Upper
69 100	
41 58.3	39.6 59.4
39 0.0	28.6 43.0#





#57

1,3-Dichloropropane

Concen: 19.280 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion: 76 Resp: 9748

Ion Ratio Lower Upper

76 100

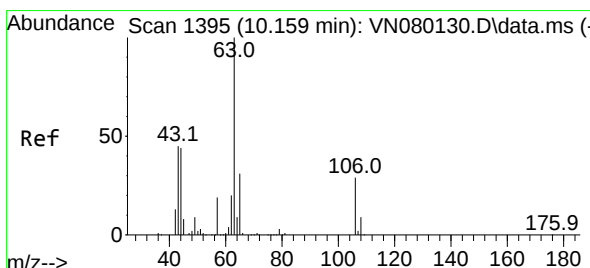
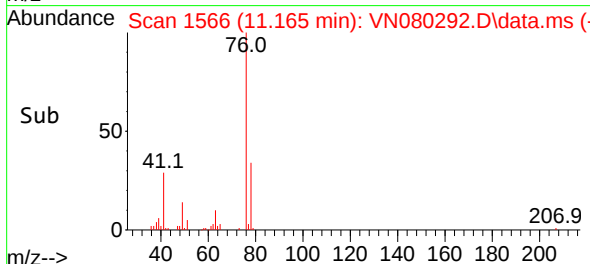
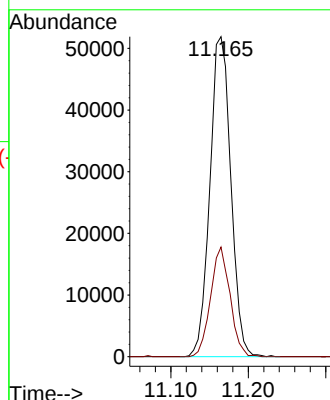
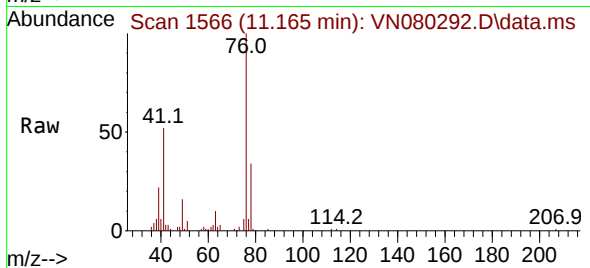
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#58

2-Chloroethyl Vinyl ether

Concen: 88.044 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080292.D

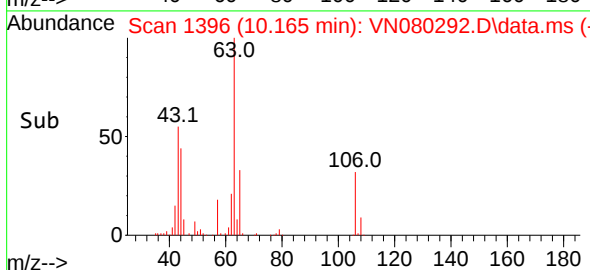
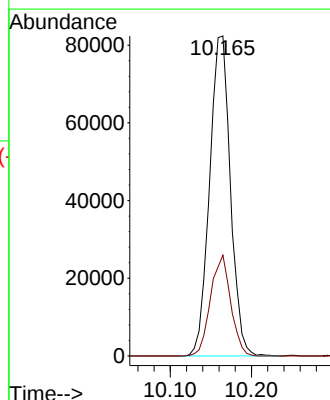
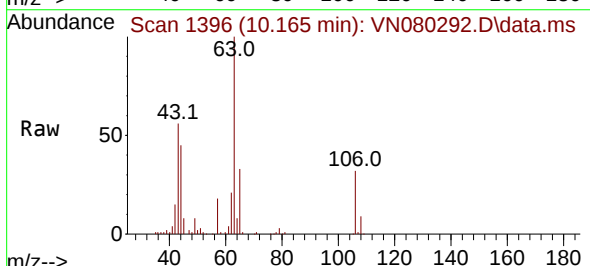
Acq: 28 Nov 2023 13:05

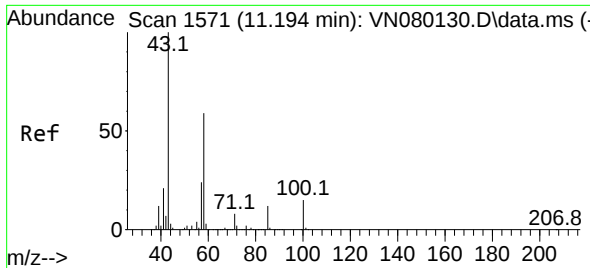
Tgt Ion: 63 Resp: 146740

Ion Ratio Lower Upper

63 100

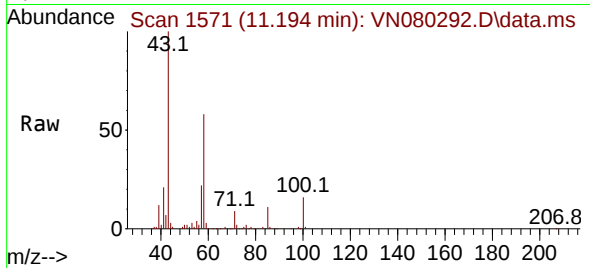
106 30.5 26.2 39.4





#59
2-Hexanone
Concen: 81.801 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

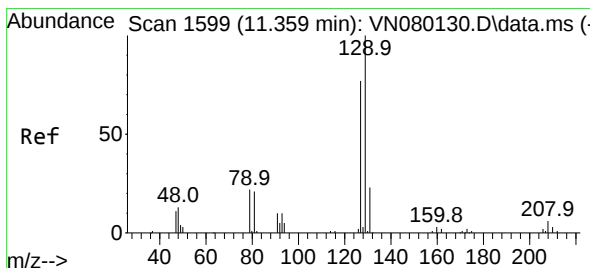
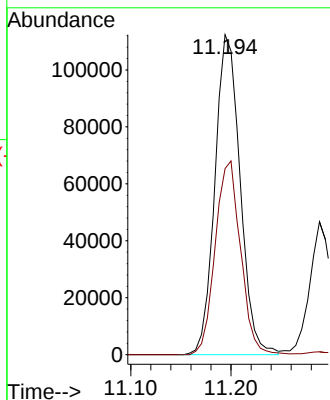
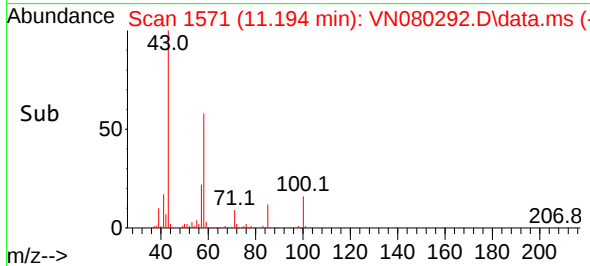
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion: 43 Resp: 195949
Ion Ratio Lower Upper
43 100
58 60.9 31.7 95.1

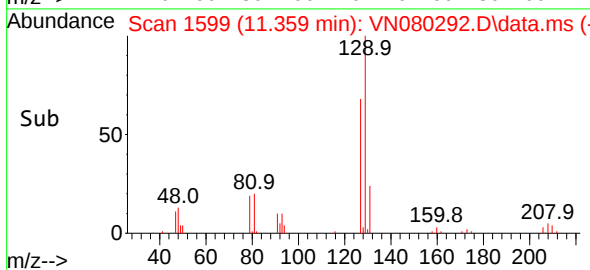
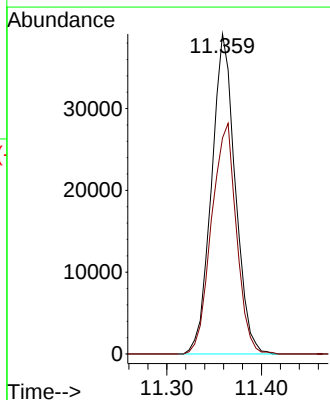
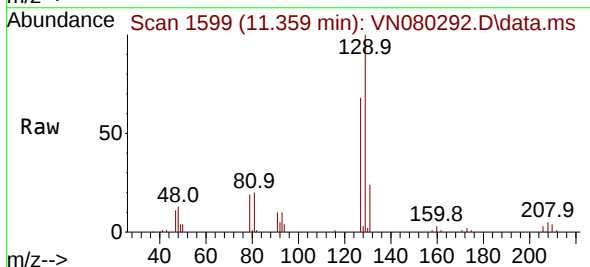
Manual Integrations
APPROVED

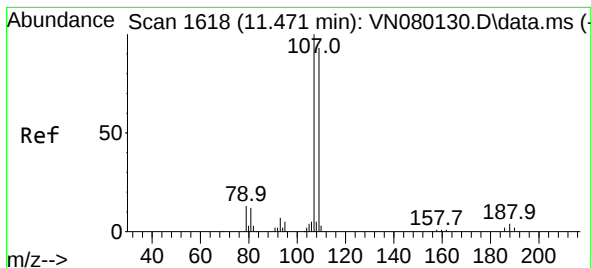
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#60
Dibromochloromethane
Concen: 19.609 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion:129 Resp: 67983
Ion Ratio Lower Upper
129 100
127 75.7 38.6 116.0





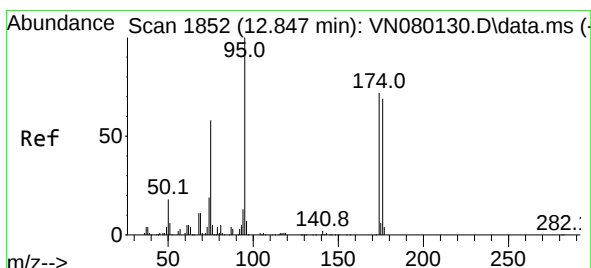
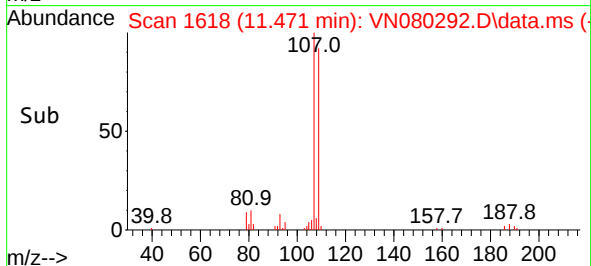
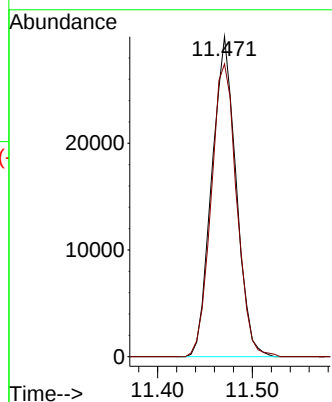
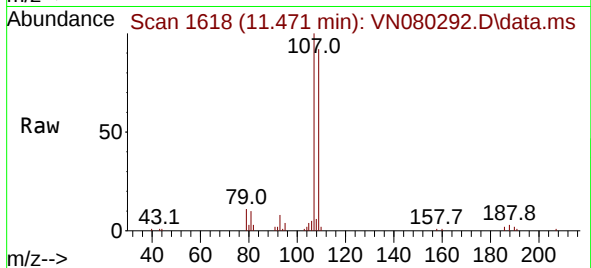
#61
1,2-Dibromoethane
Concen: 18.114 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion:107 Resp: 53514
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8

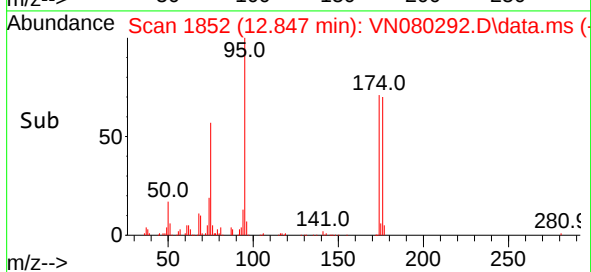
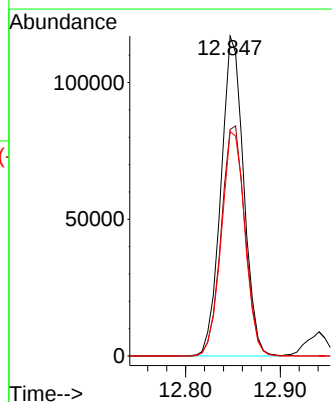
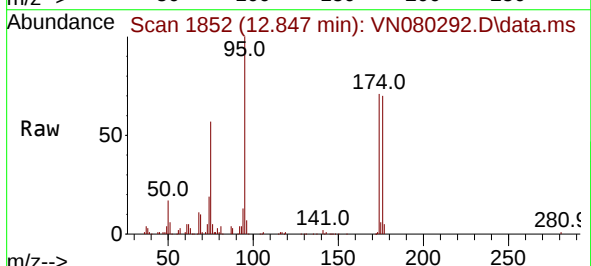
Manual Integrations
APPROVED

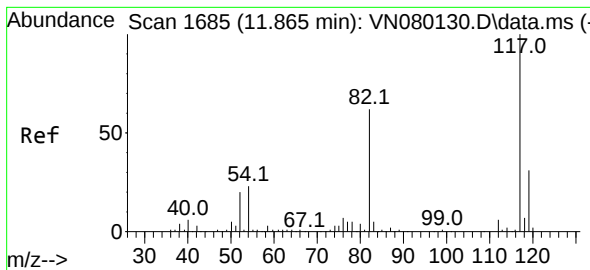
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#62
4-Bromofluorobenzene
Concen: 48.544 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

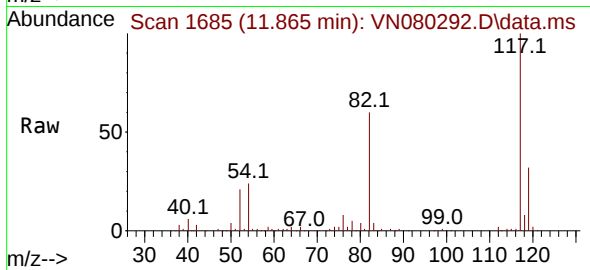
Tgt Ion: 95 Resp: 194748
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 72.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

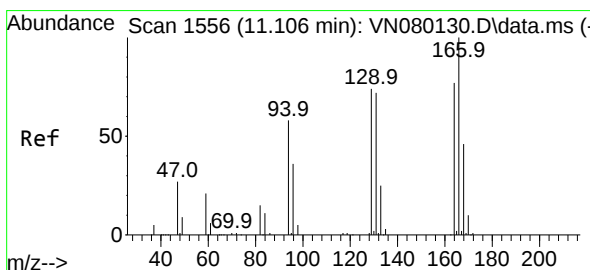
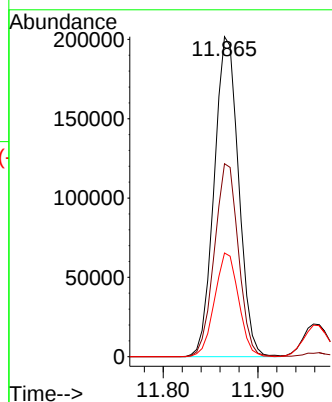
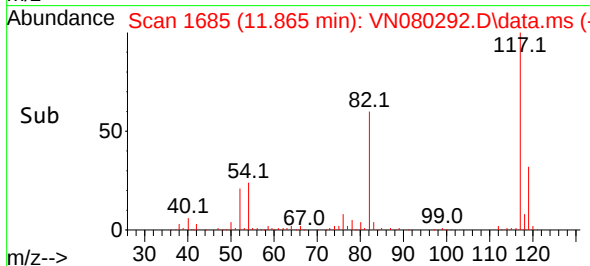
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion:117 Resp: 361674
Ion Ratio Lower Upper
117 100
82 60.3 44.0 66.0
119 32.4 25.6 38.4

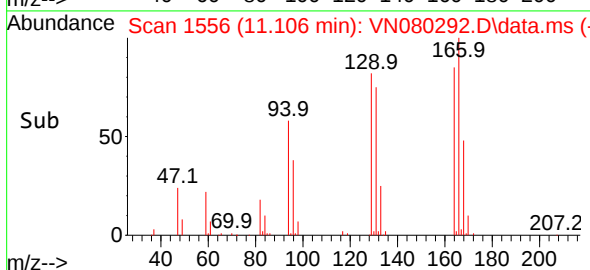
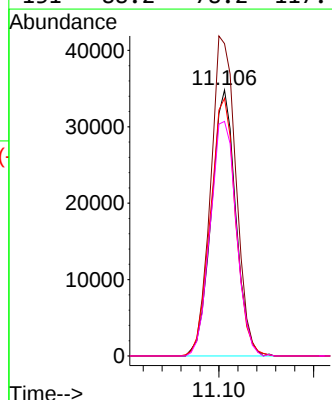
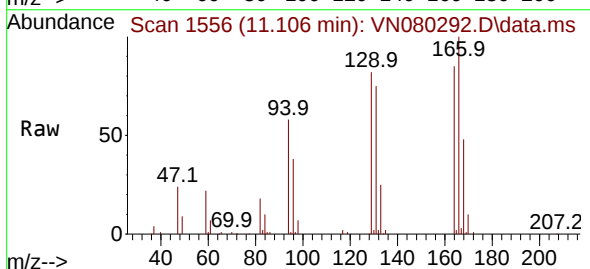
Manual Integrations
APPROVED

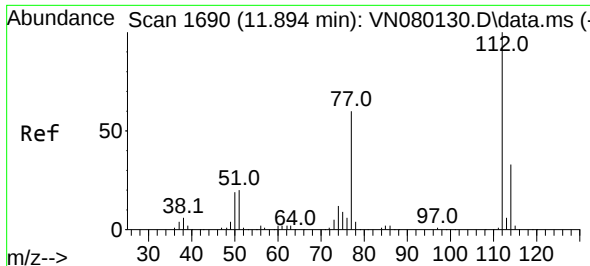
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#64
Tetrachloroethene
Concen: 22.435 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

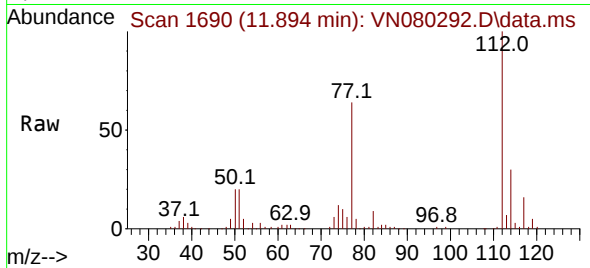
Tgt Ion:164 Resp: 61924
Ion Ratio Lower Upper
164 100
166 117.4 101.4 152.0
129 96.9 82.4 123.6
131 88.2 78.2 117.4





#65
Chlorobenzene
Concen: 18.520 ug/l
RT: 11.894 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

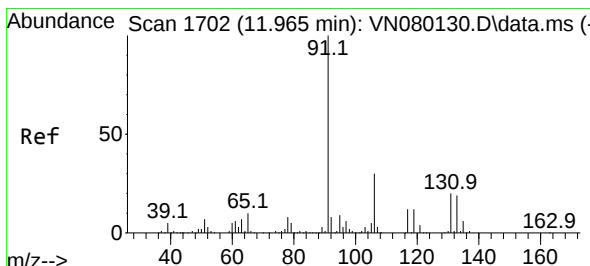
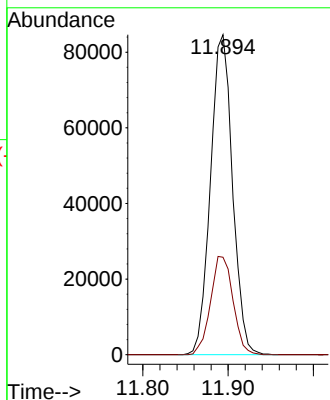
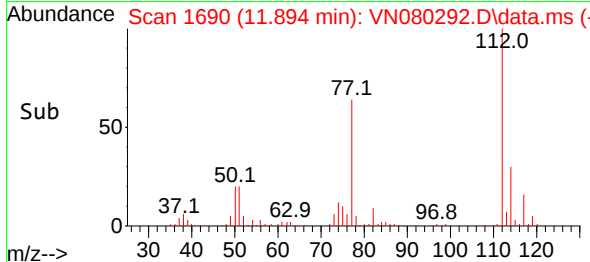
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



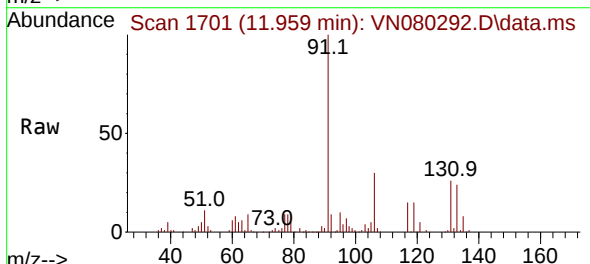
Tgt Ion:112 Resp: 151770
Ion Ratio Lower Upper
112 100
114 30.5 25.0 37.4

Manual Integrations
APPROVED

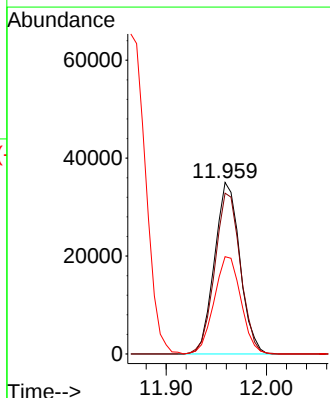
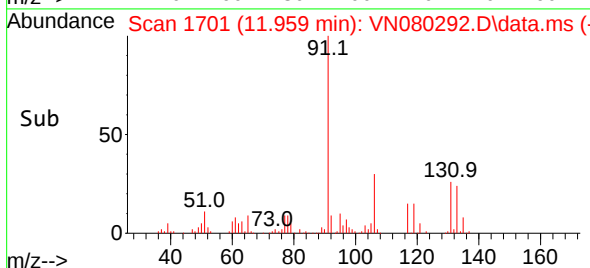
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

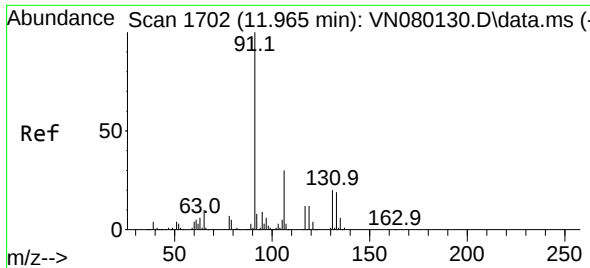


#66
1,1,1,2-Tetrachloroethane
Concen: 19.389 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05



Tgt Ion:131 Resp: 61662
Ion Ratio Lower Upper
131 100
133 94.6 46.4 139.1
119 59.9 34.1 102.2





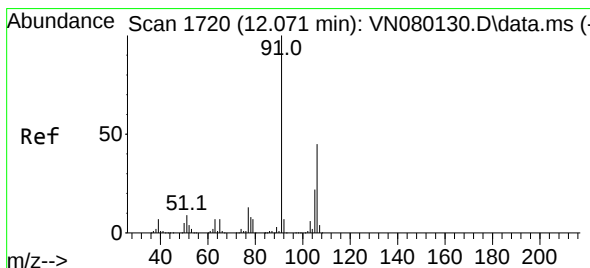
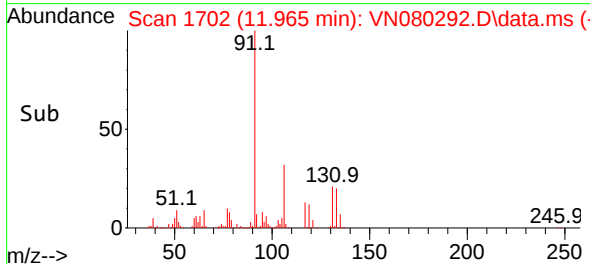
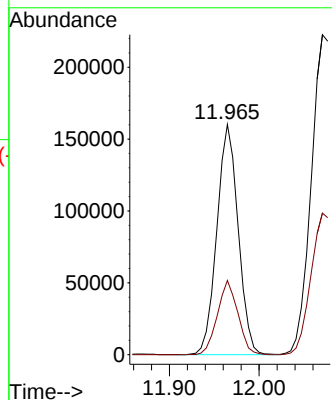
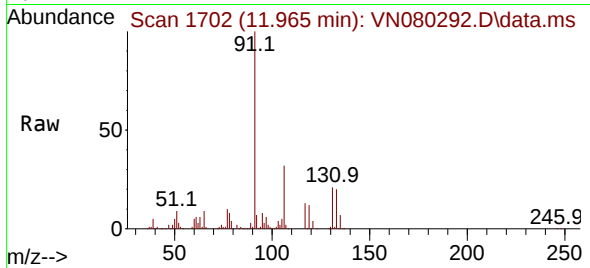
#67
Ethyl Benzene
Concen: 18.092 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 91 Resp: 26384
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4

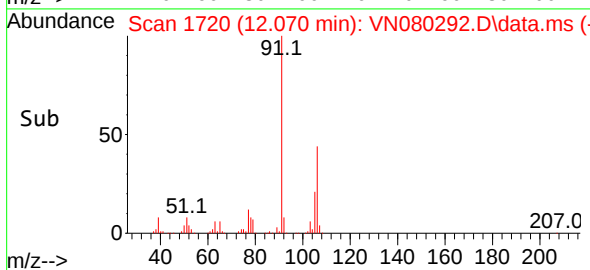
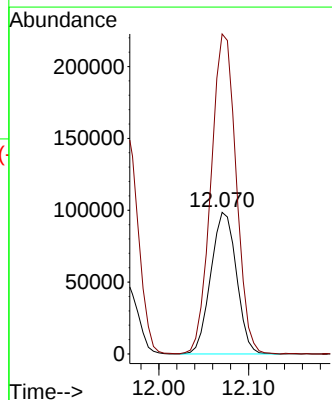
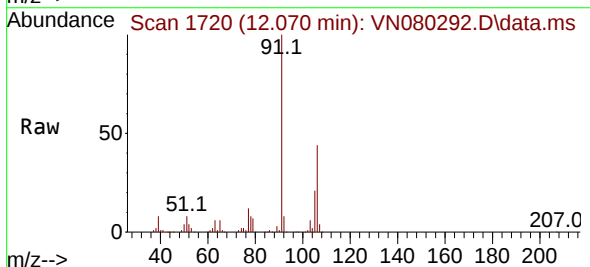
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#68
m/p-Xylenes
Concen: 36.840 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion:106 Resp: 195880
Ion Ratio Lower Upper
106 100
91 221.5 159.6 239.4





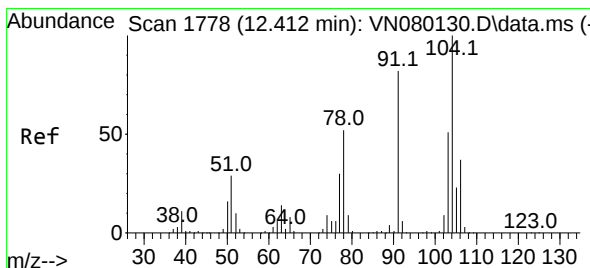
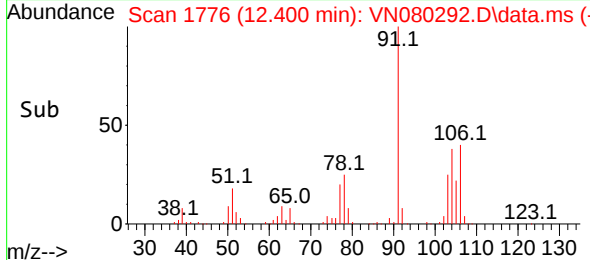
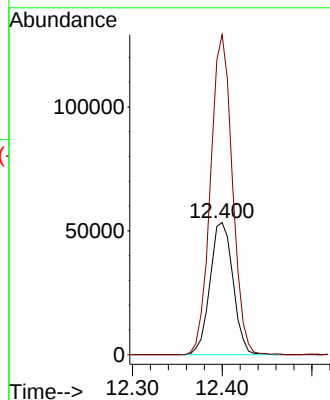
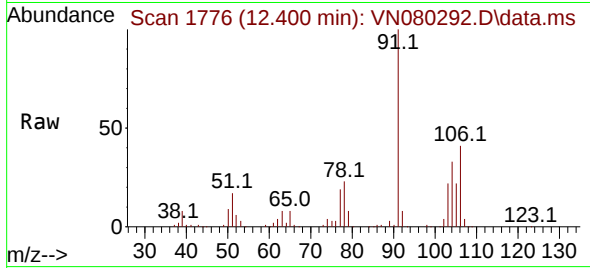
#69
o-Xylene
Concen: 18.906 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion:106 Resp: 94735
Ion Ratio Lower Upper
106 100
91 230.9 105.2 315.5

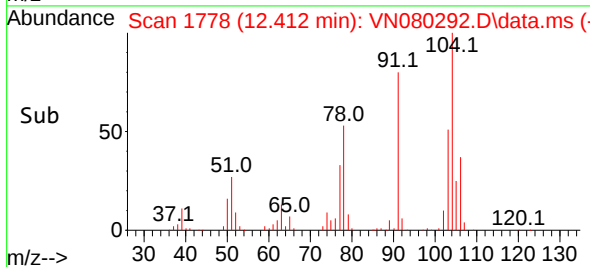
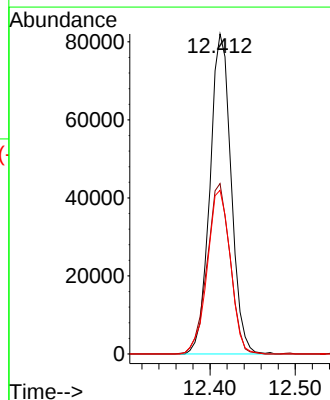
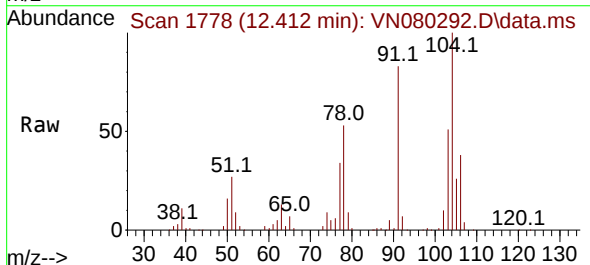
Manual Integrations
APPROVED

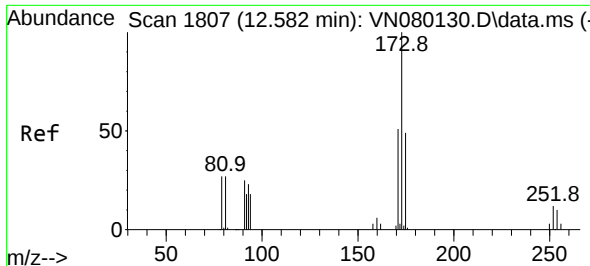
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#70
Styrene
Concen: 19.014 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

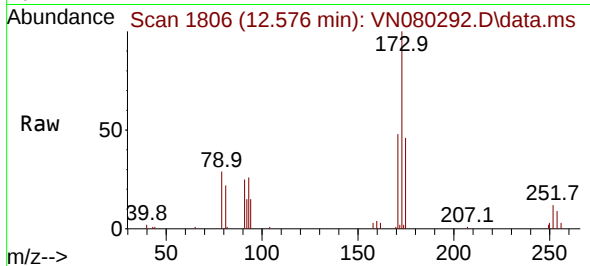
Tgt Ion:104 Resp: 141813
Ion Ratio Lower Upper
104 100
78 57.5 39.5 59.3
103 55.5 43.2 64.8





#71
Bromoform
Concen: 19.305 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

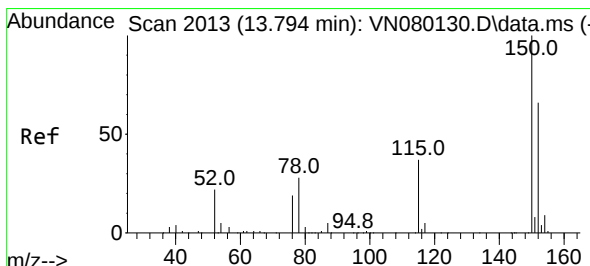
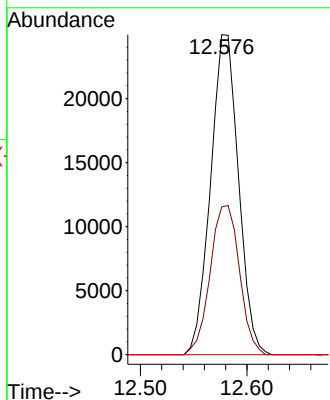
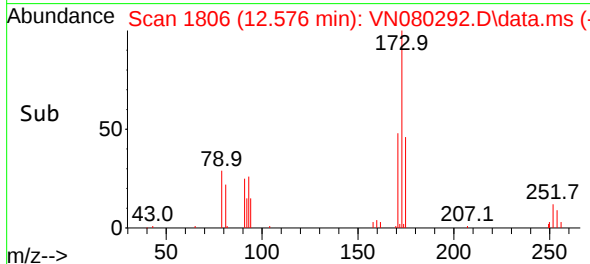
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



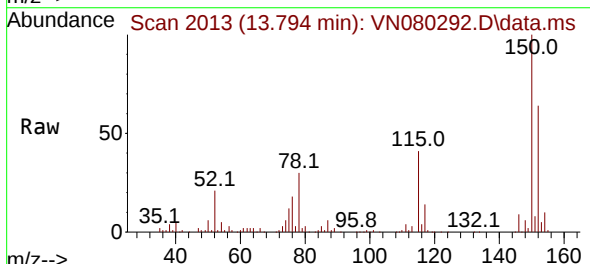
Tgt Ion:173 Resp: 45530
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

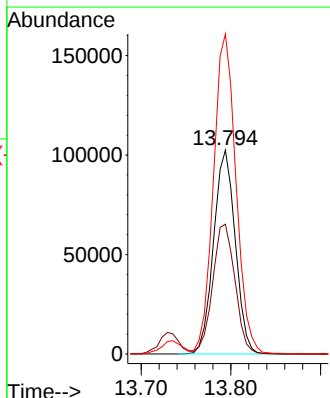
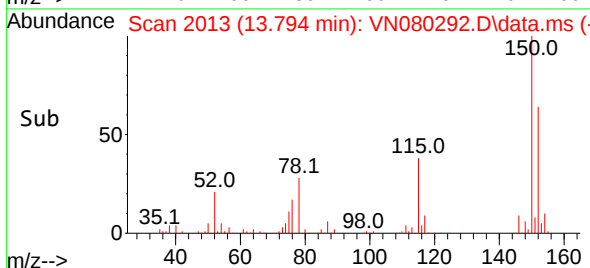
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

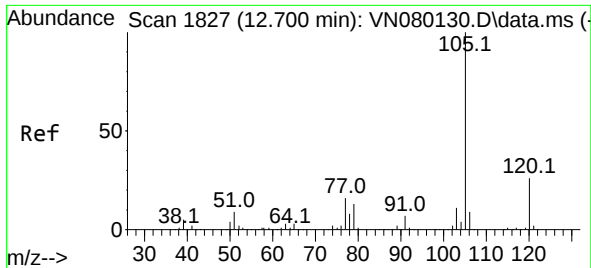


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05



Tgt Ion:152 Resp: 171914
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 162.8 0.0 355.8





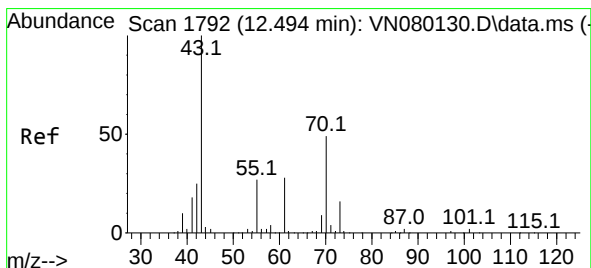
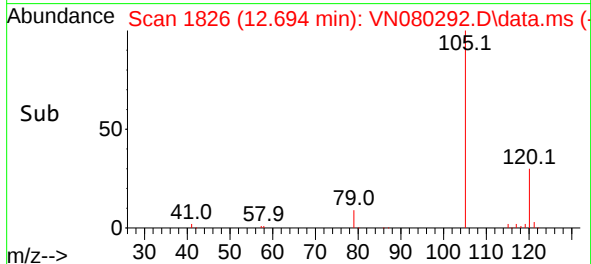
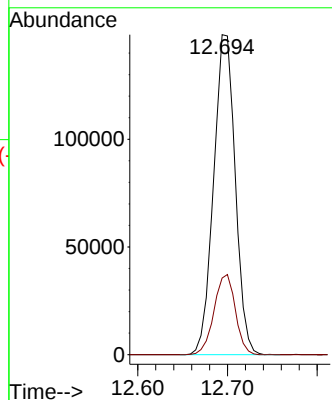
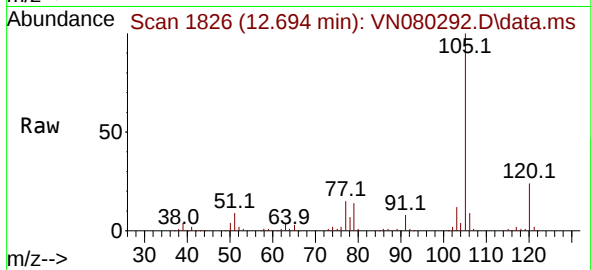
#73
Isopropylbenzene
Concen: 18.621 ug/l
RT: 12.694 min Scan# 1827
Delta R.T. -0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion:105 Resp: 24875
Ion Ratio Lower Upper
105 100
120 24.6 13.1 39.1

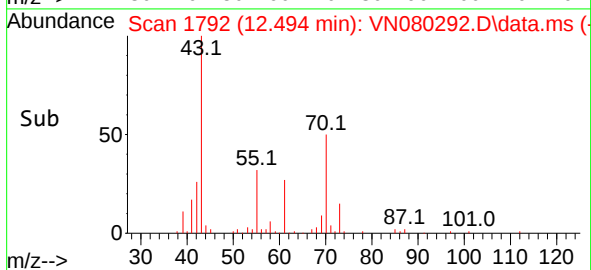
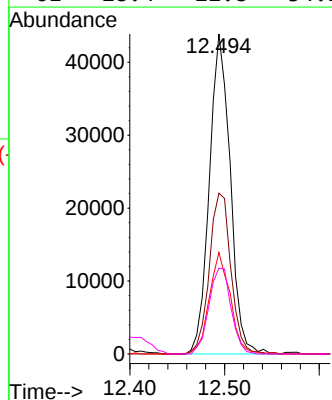
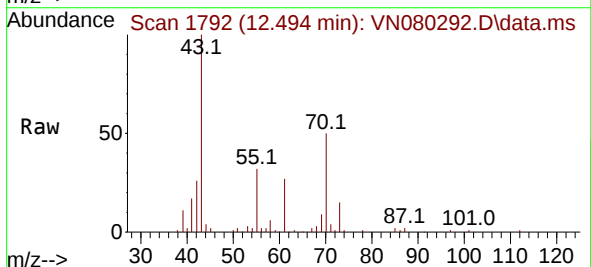
Manual Integrations
APPROVED

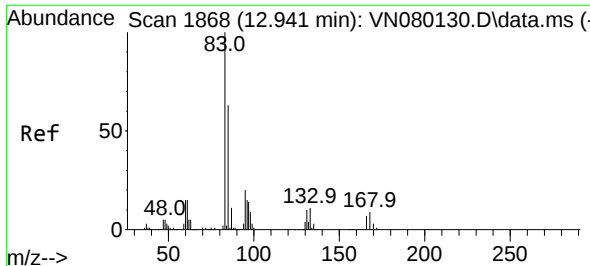
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#74
N-ethyl acetate
Concen: 16.139 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

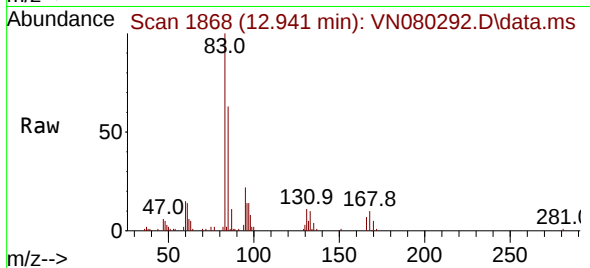
Tgt Ion: 43 Resp: 67233
Ion Ratio Lower Upper
43 100
70 52.1 43.4 65.2
55 31.8 21.4 32.0
61 28.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.474 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

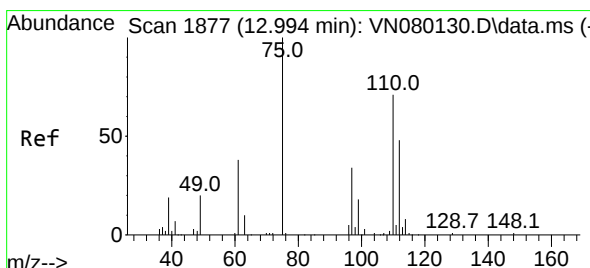
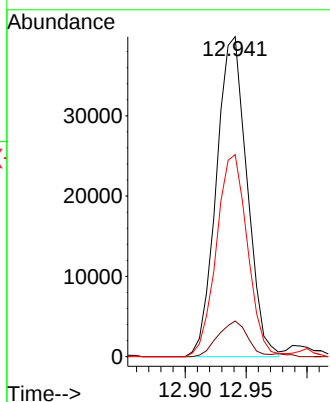
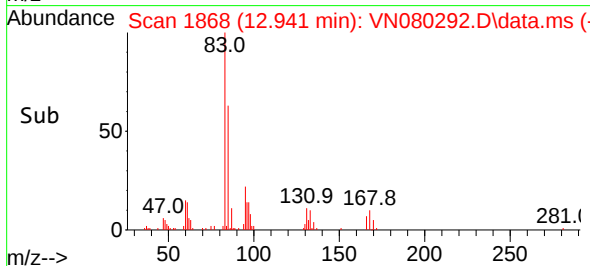
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



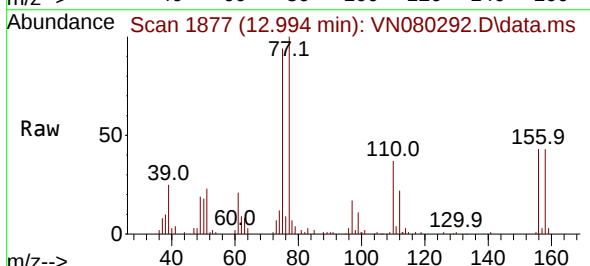
Tgt Ion: 83 Resp: 6986
Ion Ratio Lower Upper
83 100
131 11.2 5.0 15.0
85 64.0 31.9 95.7

Manual Integrations
APPROVED

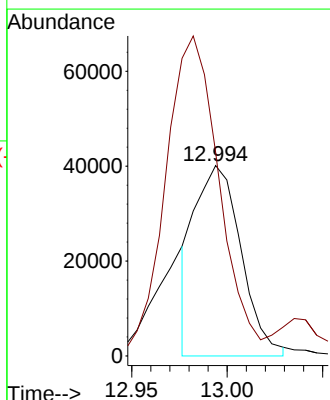
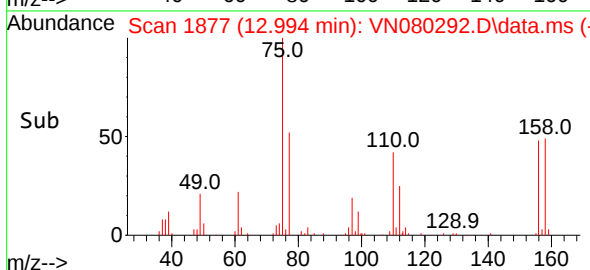
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

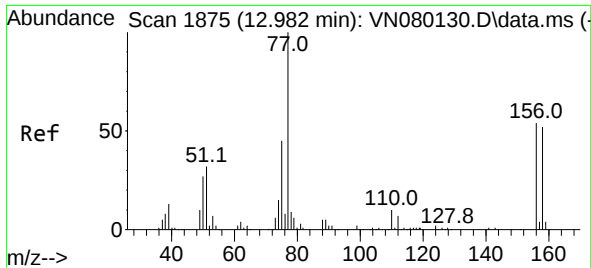


#76
1,2,3-Trichloropropane
Concen: 16.127 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05



Tgt Ion: 75 Resp: 67932
Ion Ratio Lower Upper
75 100
77 194.2 84.5 253.5





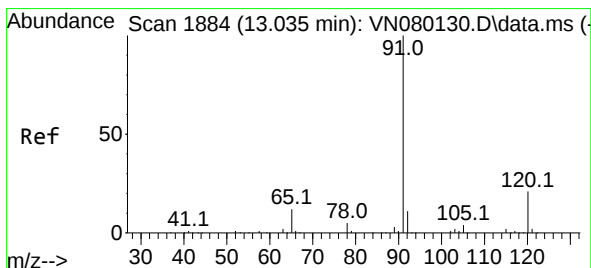
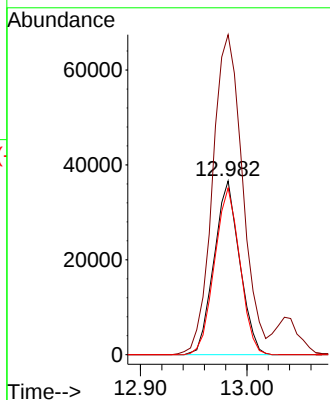
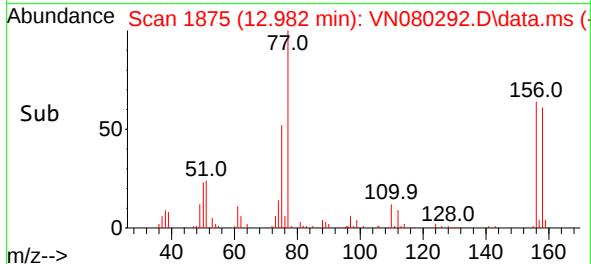
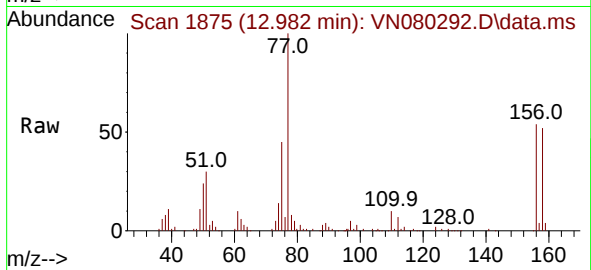
#77
Bromobenzene
Concen: 18.147 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion:156 Resp: 61120
Ion Ratio Lower Upper
156 100
77 215.9 107.7 323.3
158 94.8 48.4 145.3

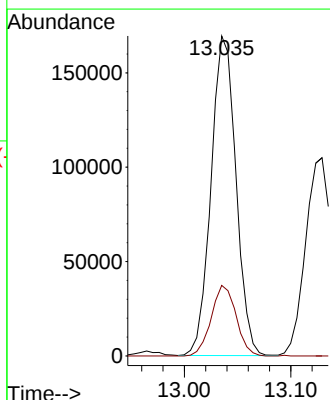
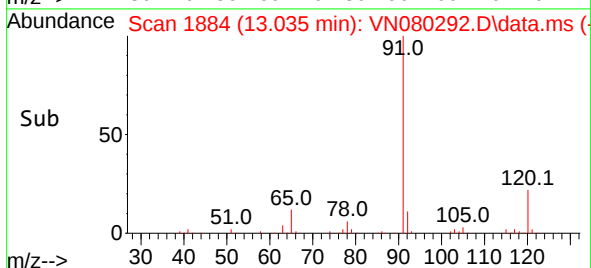
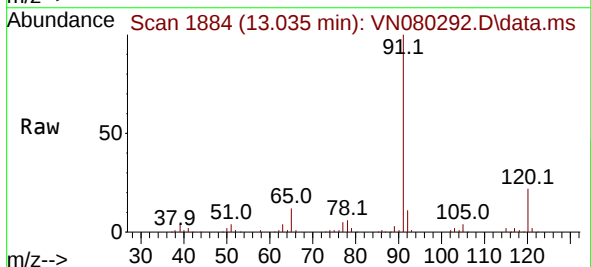
Manual Integrations
APPROVED

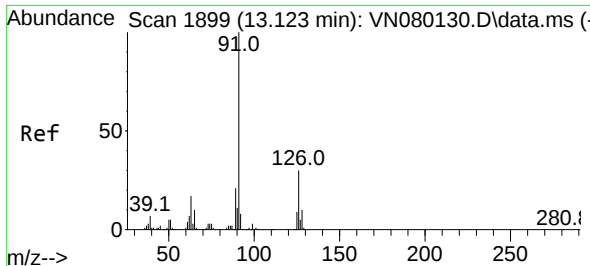
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#78
n-propylbenzene
Concen: 18.422 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

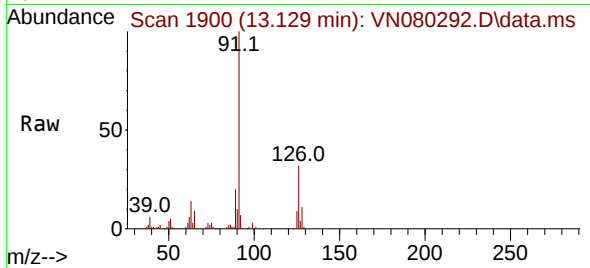
Tgt Ion: 91 Resp: 275203
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.916 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

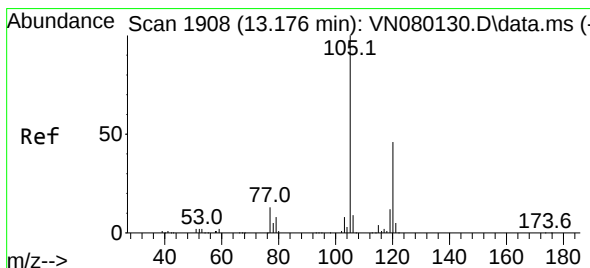
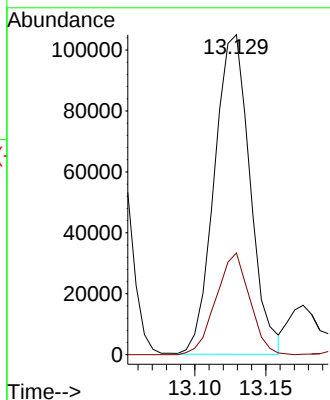
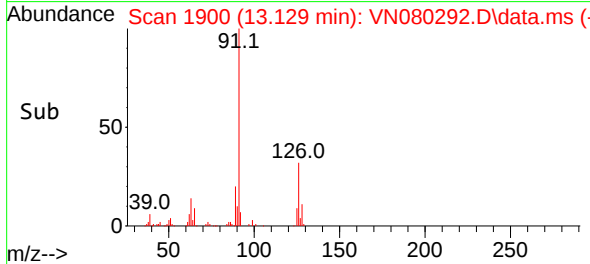
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion: 91 Resp: 183520
Ion Ratio Lower Upper
91 100
126 30.0 16.3 48.8

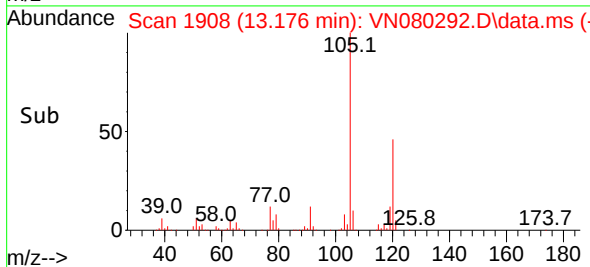
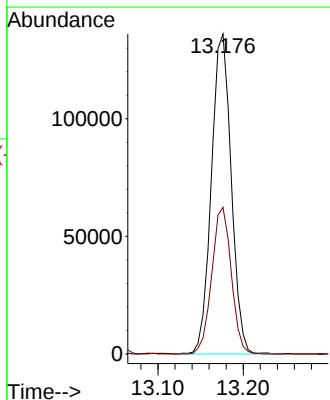
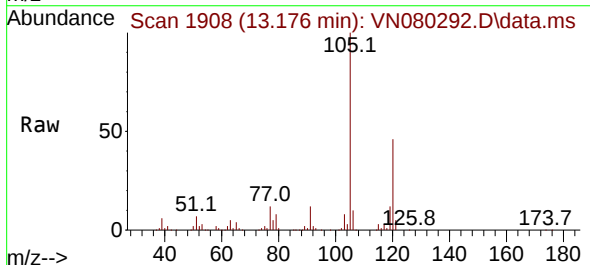
Manual Integrations
APPROVED

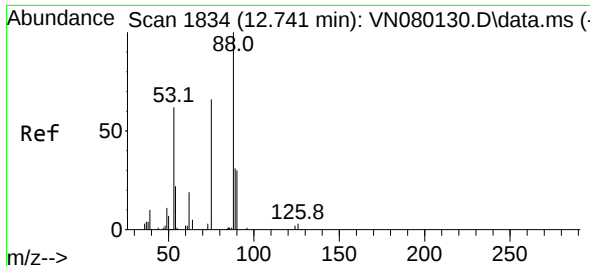
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.913 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

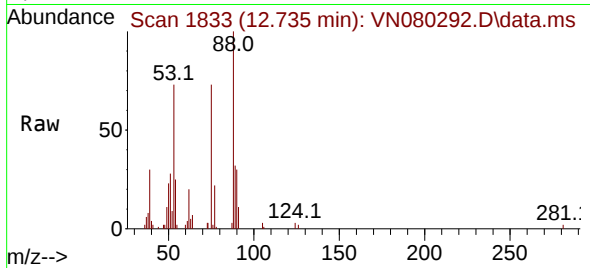
Tgt Ion:105 Resp: 219941
Ion Ratio Lower Upper
105 100
120 45.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.868 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

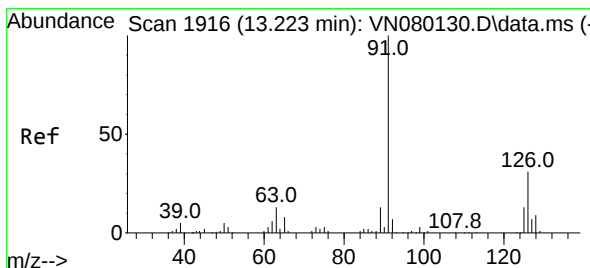
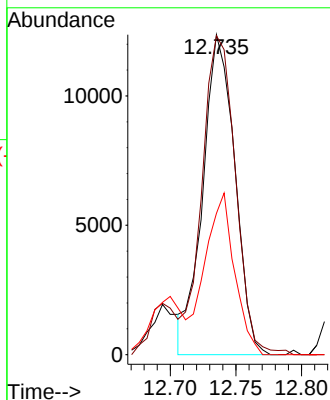
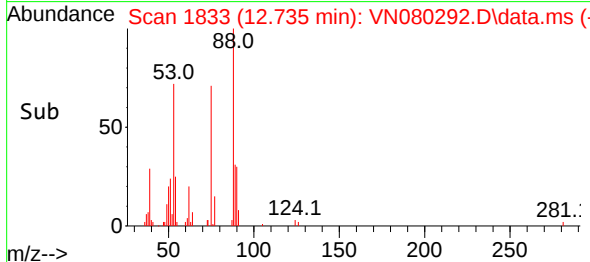
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion: 75 Resp: 21030
Ion Ratio Lower Upper
75 100
53 104.2 67.4 101.2
89 46.7 38.8 58.2

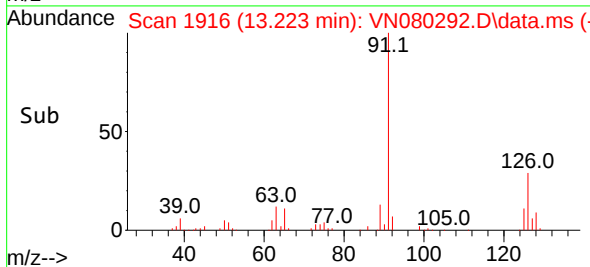
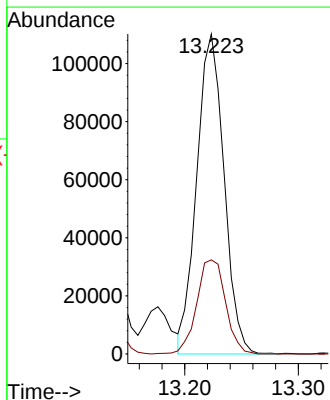
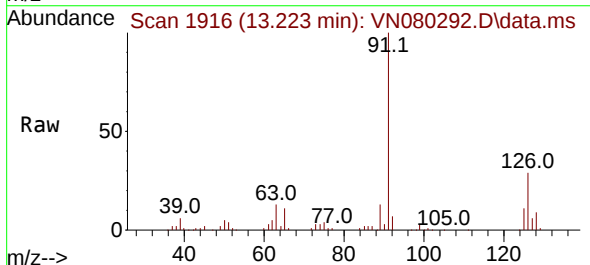
Manual Integrations
APPROVED

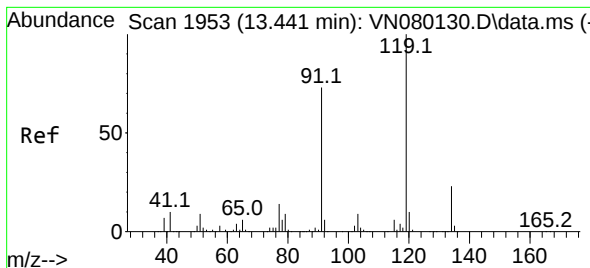
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#82
4-Chlorotoluene
Concen: 18.504 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion: 91 Resp: 183922
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 17.949 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080292.D

Acq: 28 Nov 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion:119 Resp: 167380

Ion Ratio Lower Upper

119 100

91 71.1 33.9 101.7

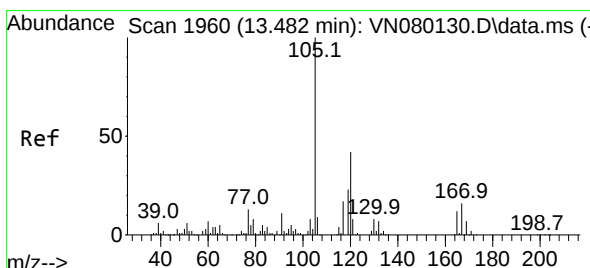
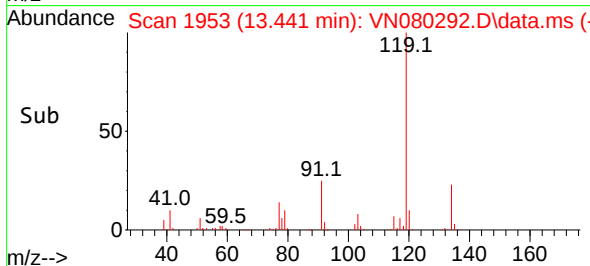
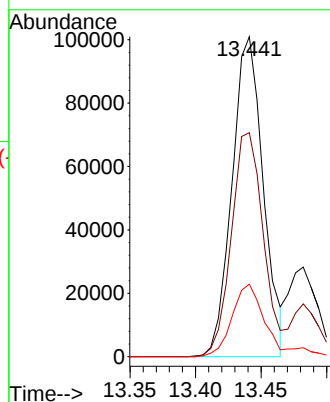
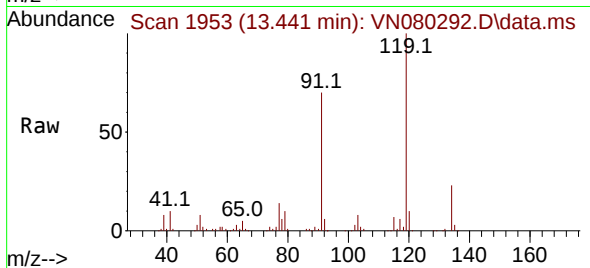
134 23.1 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.869 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080292.D

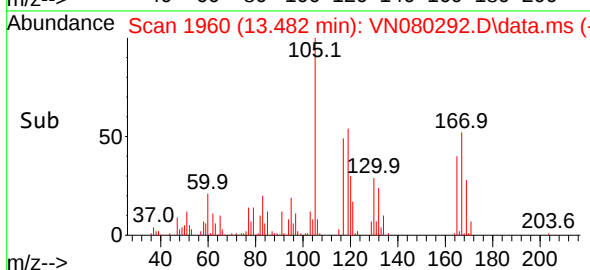
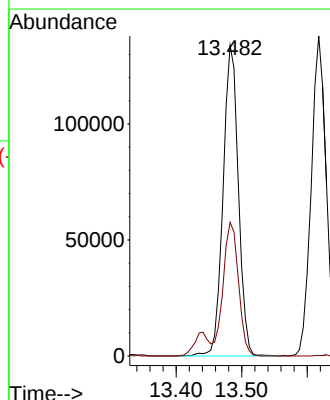
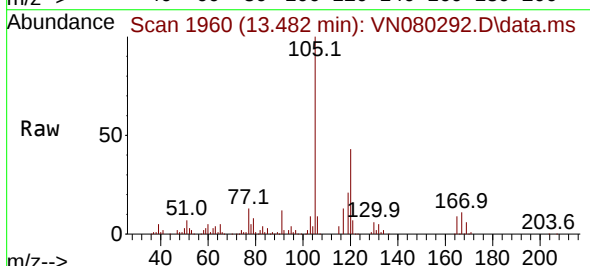
Acq: 28 Nov 2023 13:05

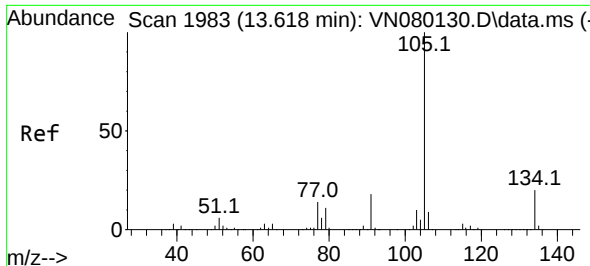
Tgt Ion:105 Resp: 216069

Ion Ratio Lower Upper

105 100

120 43.4 22.0 66.0





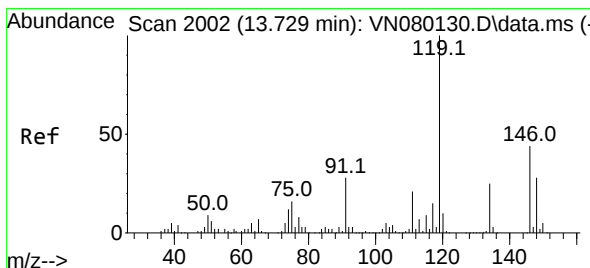
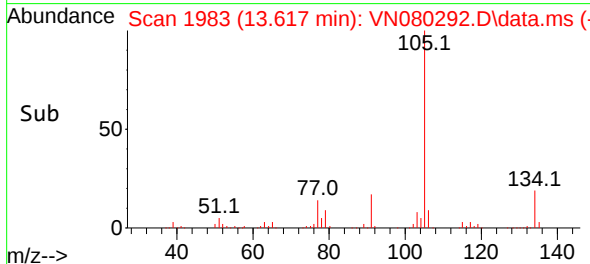
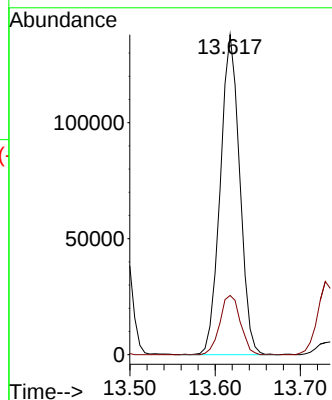
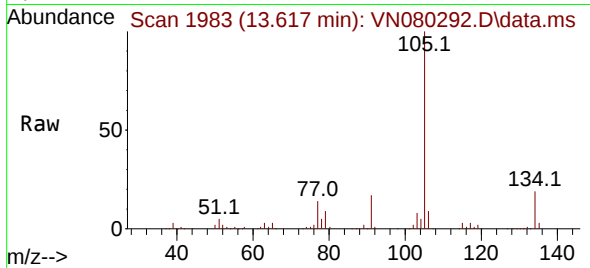
#85
 sec-Butylbenzene
 Concen: 18.487 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080292.D
 Acq: 28 Nov 2023 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

Tgt Ion:105 Resp: 21808
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

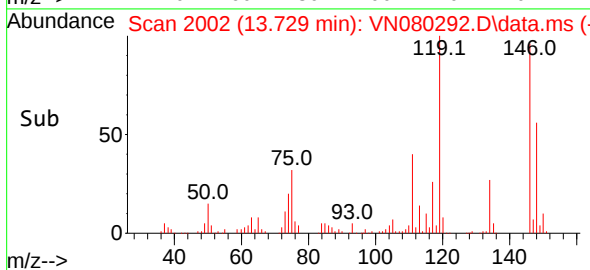
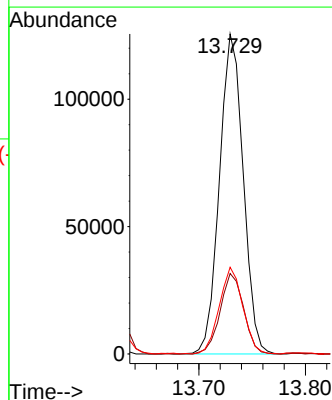
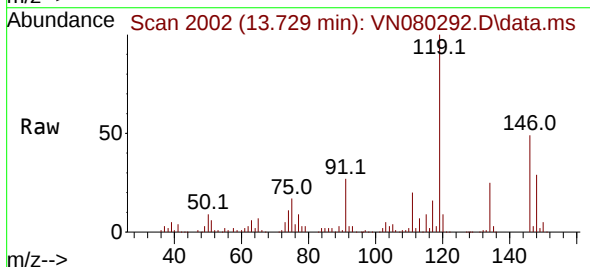
Manual Integrations
 APPROVED

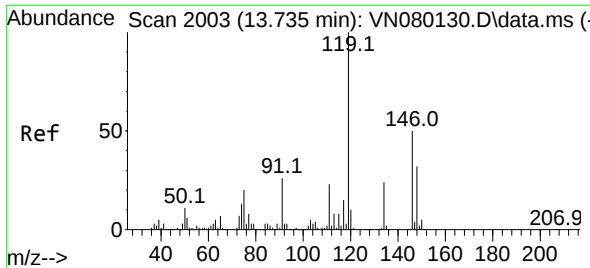
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#86
 p-Isopropyltoluene
 Concen: 18.454 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080292.D
 Acq: 28 Nov 2023 13:05

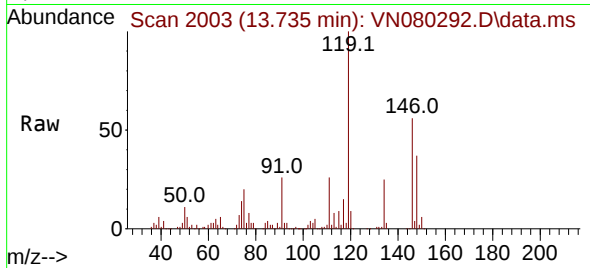
Tgt Ion:119 Resp: 194478
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 26.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.676 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

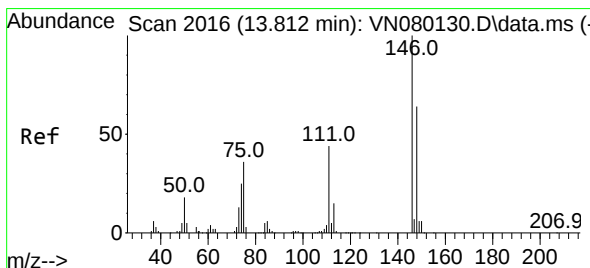
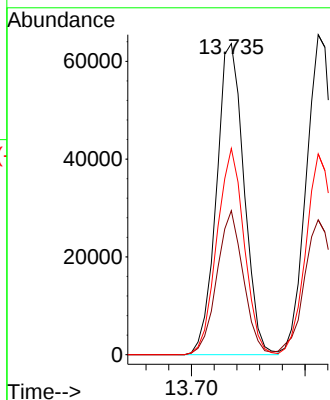
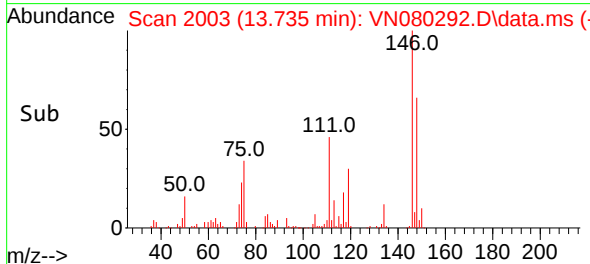
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



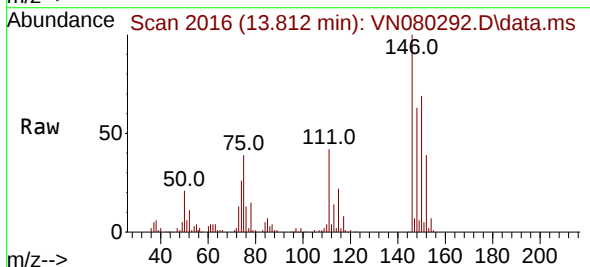
Tgt Ion:146 Resp: 107258
Ion Ratio Lower Upper
146 100
111 44.5 22.1 66.3
148 65.6 32.0 96.0

Manual Integrations
APPROVED

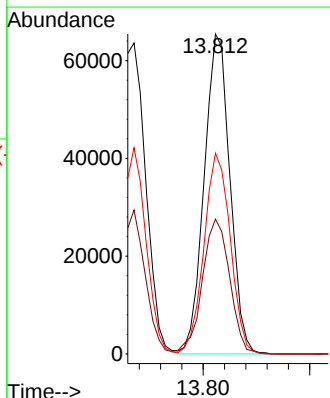
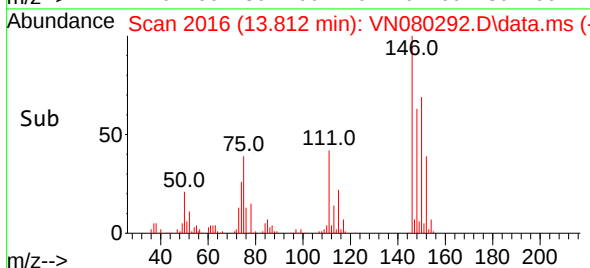
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

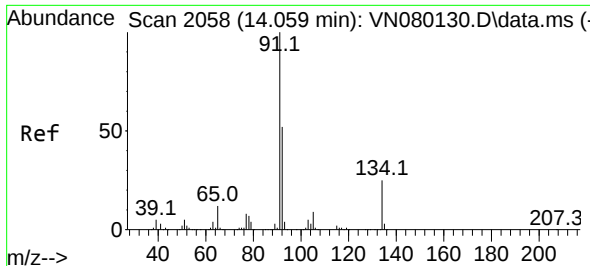


#88
1,4-Dichlorobenzene
Concen: 18.019 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05



Tgt Ion:146 Resp: 109887
Ion Ratio Lower Upper
146 100
111 45.0 20.6 61.8
148 64.2 31.6 94.8





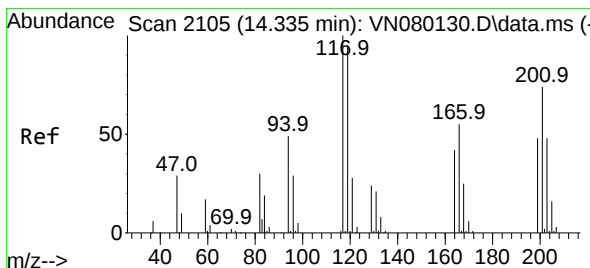
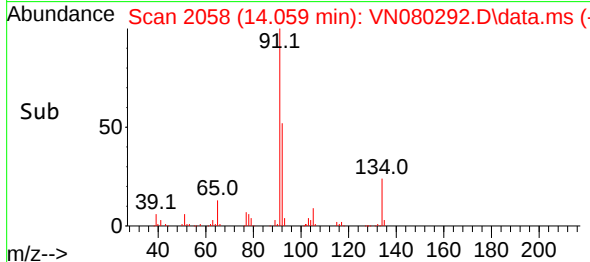
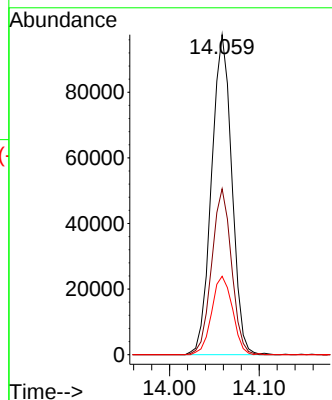
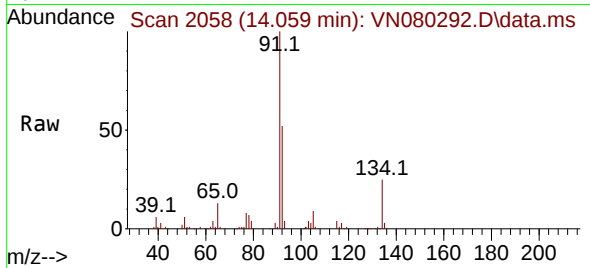
#89
n-Butylbenzene
Concen: 17.359 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 91 Resp: 153119
Ion Ratio Lower Upper
91 100
92 50.7 26.4 79.0
134 25.2 12.6 37.6

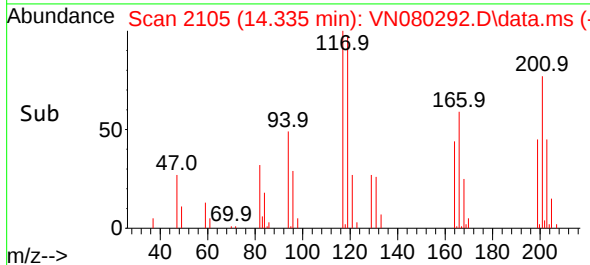
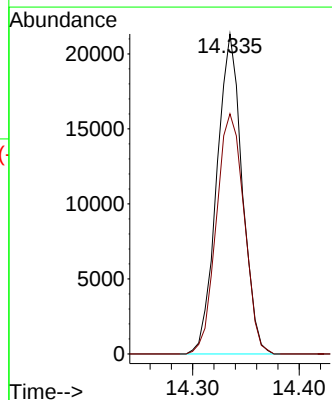
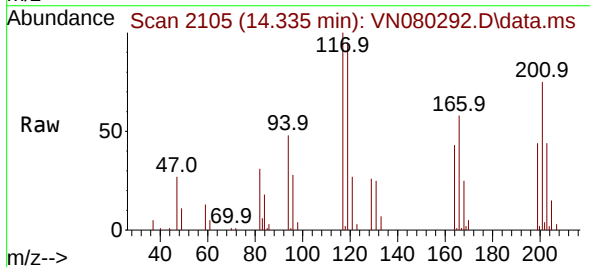
Manual Integrations
APPROVED

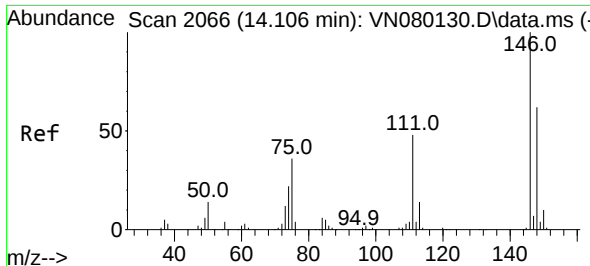
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#90
Hexachloroethane
Concen: 17.192 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

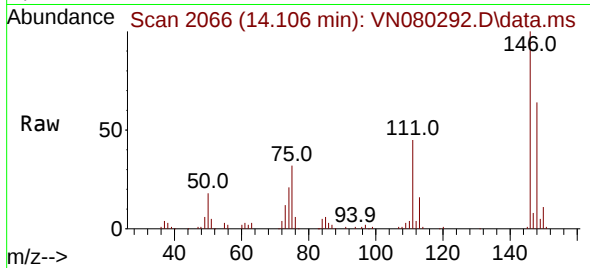
Tgt Ion:117 Resp: 35320
Ion Ratio Lower Upper
117 100
201 82.0 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.431 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

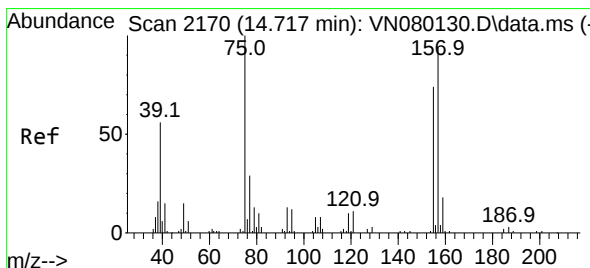
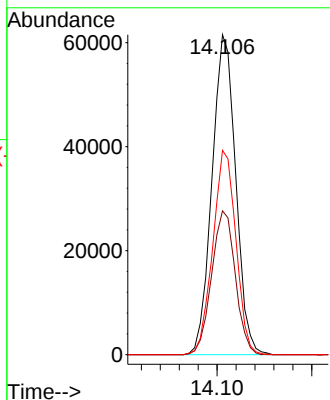
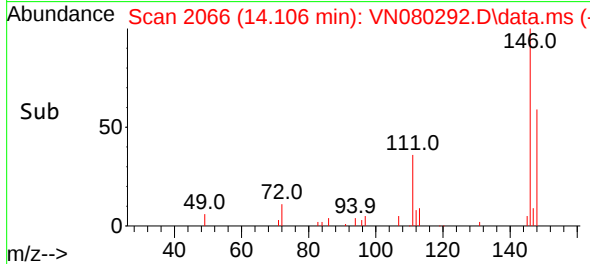
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



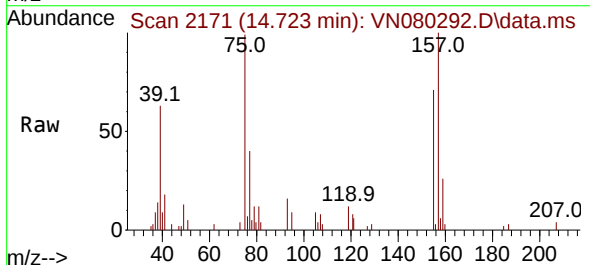
Tgt Ion:146 Resp: 107024
Ion Ratio Lower Upper
146 100
111 45.0 22.0 66.0
148 62.3 31.8 95.3

Manual Integrations
APPROVED

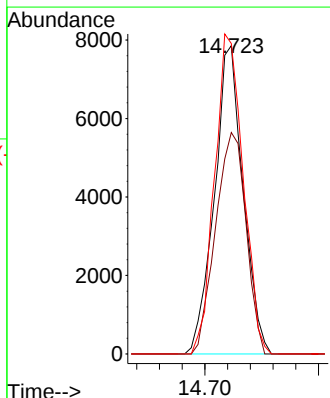
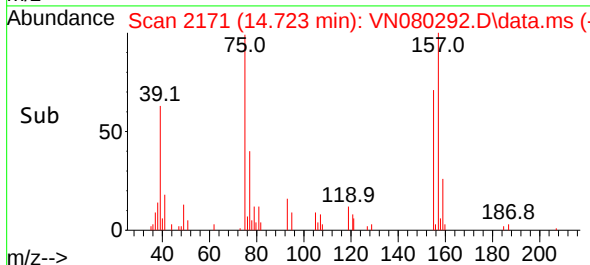
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

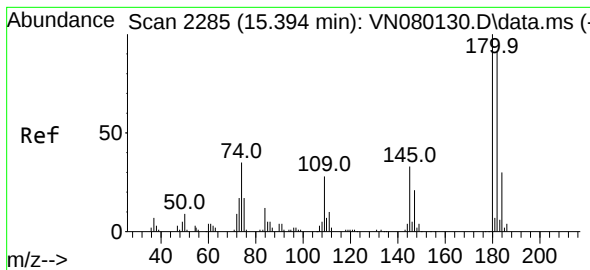


#92
1,2-Dibromo-3-Chloropropane
Concen: 14.868 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05



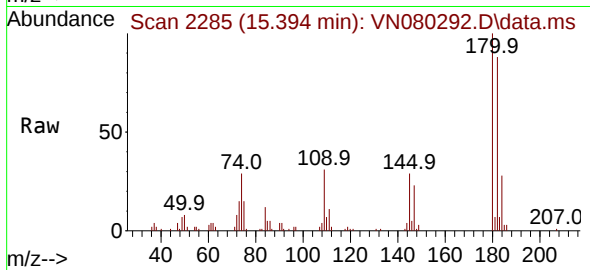
Tgt Ion: 75 Resp: 13808
Ion Ratio Lower Upper
75 100
155 76.0 39.1 117.2
157 103.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.433 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

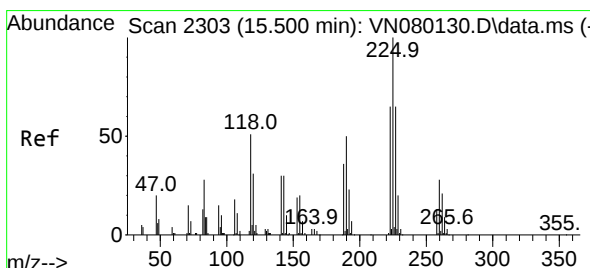
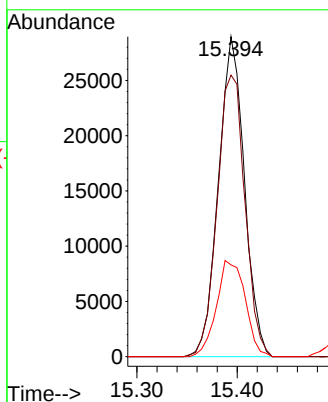
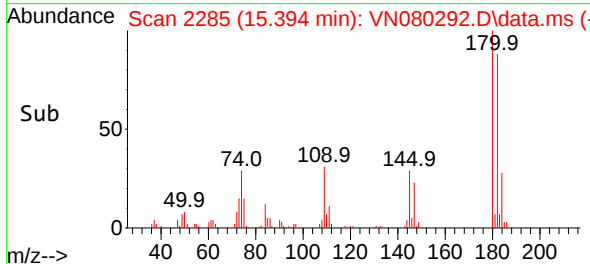
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion:180 Resp: 5212
Ion Ratio Lower Upper
180 100
182 94.0 46.1 138.2
145 33.2 16.6 49.8

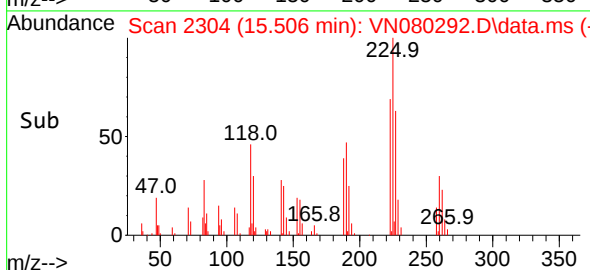
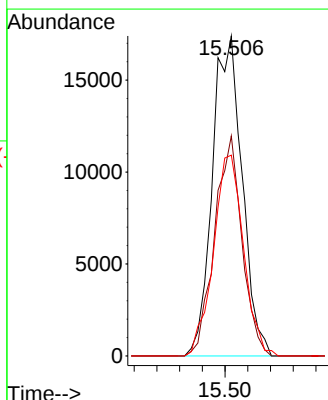
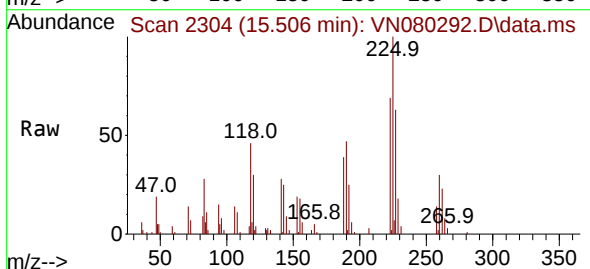
Manual Integrations
APPROVED

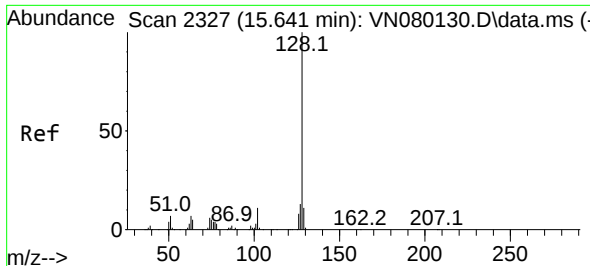
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#94
Hexachlorobutadiene
Concen: 16.254 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

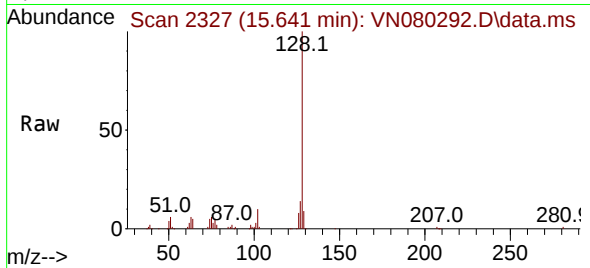
Tgt Ion:225 Resp: 31590
Ion Ratio Lower Upper
225 100
223 63.3 31.3 93.8
227 63.6 31.9 95.9





#95
Naphthalene
Concen: 13.090 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

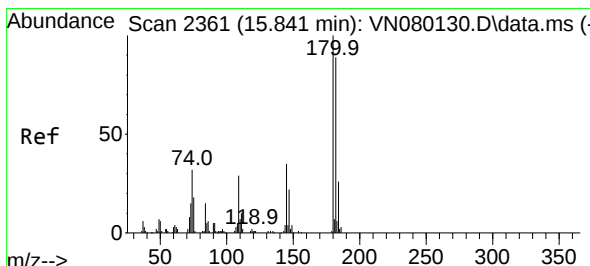
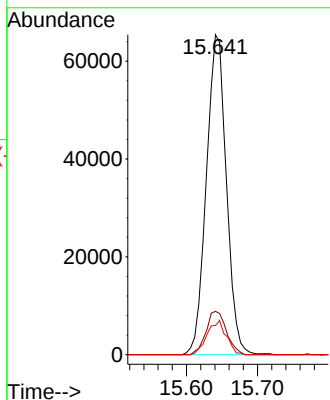
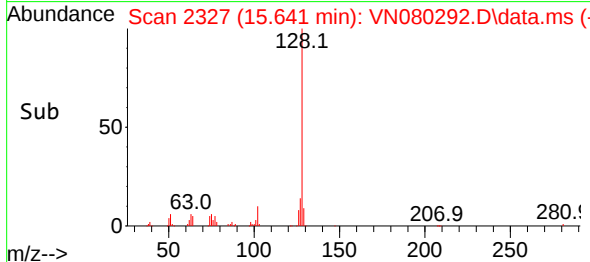
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion:128 Resp: 128194
Ion Ratio Lower Upper
128 100
127 13.9 10.0 15.0
129 10.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.114 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080292.D
Acq: 28 Nov 2023 13:05

Tgt Ion:180 Resp: 47846
Ion Ratio Lower Upper
180 100
182 98.0 46.2 138.6
145 35.8 17.5 52.6

