

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080329.D
 Acq On : 04 Dec 2023 11:25
 Operator : JC\MD
 Sample : VN1204WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2023
 Supervised By : Mahesh Dadoda 12/05/2023

Quant Time: Dec 05 04:11:30 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	221440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	336915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	177916	48.660	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.320%		
35) Dibromofluoromethane	8.171	113	129620	52.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.280%		
50) Toluene-d8	10.571	98	458703	51.186	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.380%		
62) 4-Bromofluorobenzene	12.853	95	171240	50.589	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	64078	19.426	ug/l	98
3) Chloromethane	2.359	50	41441	16.711	ug/l	99
4) Vinyl Chloride	2.512	62	48428	18.453	ug/l	91
5) Bromomethane	2.953	94	32560	18.275	ug/l	95
6) Chloroethane	3.124	64	31773	18.481	ug/l	90
7) Trichlorofluoromethane	3.500	101	109465	19.995	ug/l	100
8) Diethyl Ether	3.959	74	27731	17.417	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	48634	19.436	ug/l	93
10) Methyl Iodide	4.589	142	51025	18.868	ug/l #	85
11) Tert butyl alcohol	5.512	59	39658	98.632	ug/l	97
12) 1,1-Dichloroethene	4.342	96	45988	19.649	ug/l	95
13) Acrolein	4.171	56	24229	68.090	ug/l	97
14) Allyl chloride	5.024	41	51411	17.459	ug/l	90
15) Acrylonitrile	5.718	53	97430	90.263	ug/l	100
16) Acetone	4.430	43	91334	74.372	ug/l	97
17) Carbon Disulfide	4.712	76	119898	17.157	ug/l	99
18) Methyl Acetate	5.024	43	66030	16.734	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	160366	19.402	ug/l	99
20) Methylene Chloride	5.271	84	51600	20.064	ug/l	95
21) trans-1,2-Dichloroethene	5.788	96	49307	19.177	ug/l #	79
22) Diisopropyl ether	6.677	45	122872	18.860	ug/l	96
23) Vinyl Acetate	6.606	43	337891	86.270	ug/l	97
24) 1,1-Dichloroethane	6.571	63	88062	18.559	ug/l	95
25) 2-Butanone	7.482	43	116814	80.059	ug/l	97
26) 2,2-Dichloropropane	7.494	77	93606	19.884	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	55585	19.068	ug/l	87
28) Bromochloromethane	7.818	49	33850	18.146	ug/l	94
29) Tetrahydrofuran	7.835	42	69958	89.306	ug/l	96
30) Chloroform	7.965	83	107631	20.294	ug/l	92
31) Cyclohexane	8.259	56	70202	17.655	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	106745	20.639	ug/l	98
36) 1,1-Dichloropropene	8.371	75	72311	20.091	ug/l	96
37) Ethyl Acetate	7.559	43	44521	17.833	ug/l	100
38) Carbon Tetrachloride	8.365	117	99299	21.741	ug/l	96
39) Methylcyclohexane	9.606	83	64974	18.722	ug/l #	88
40) Benzene	8.606	78	206188	20.156	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	24508	17.876	ug/l #	92
42) 1,2-Dichloroethane	8.677	62	90105	21.530	ug/l	96
43) Isopropyl Acetate	8.688	43	79000	16.261	ug/l	98
44) Trichloroethene	9.353	130	57981	21.608	ug/l	100
45) 1,2-Dichloropropane	9.624	63	46635	19.617	ug/l	97
46) Dibromomethane	9.706	93	38369	21.322	ug/l	91
47) Bromodichloromethane	9.888	83	85170	21.516	ug/l	95
48) Methyl methacrylate	9.682	41	45715	18.259	ug/l	95
49) 1,4-Dioxane	9.694	88	16408	393.941	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	236817	94.154	ug/l	99
52) Toluene	10.635	92	136517	21.325	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	82404	20.262	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	86895	20.913	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	50477	20.659	ug/l	96
56) Ethyl methacrylate	10.876	69	49788	19.946	ug/l	94
57) 1,3-Dichloropropane	11.165	76	84047	19.702	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	117406	83.489	ug/l	99
59) 2-Hexanone	11.200	43	174307	86.243	ug/l	96
60) Dibromochloromethane	11.359	129	64219	21.953	ug/l	99
61) 1,2-Dibromoethane	11.470	107	50548	20.279	ug/l	97
64) Tetrachloroethene	11.106	164	60689	25.983	ug/l	98
65) Chlorobenzene	11.894	112	139849	20.165	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	59258	22.019	ug/l	91
67) Ethyl Benzene	11.965	91	245705	19.910	ug/l	94
68) m/p-Xylenes	12.070	106	192724	42.832	ug/l	91
69) o-Xylene	12.400	106	88706	20.919	ug/l	86
70) Styrene	12.412	104	132386	20.976	ug/l #	92
71) Bromoform	12.582	173	44117	22.105	ug/l #	98
73) Isopropylbenzene	12.700	105	237169	20.417	ug/l	99
74) N-amyl acetate	12.494	43	62558	17.270	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	61555	17.705	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	71813m	19.607	ug/l	
77) Bromobenzene	12.982	156	59703	20.386	ug/l	95
78) n-propylbenzene	13.035	91	262824	20.234	ug/l	99
79) 2-Chlorotoluene	13.129	91	171975	20.385	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	206358	20.408	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	20116	18.556	ug/l #	85
82) 4-Chlorotoluene	13.223	91	173734	20.102	ug/l	99
83) tert-Butylbenzene	13.441	119	163277	20.136	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	209506	21.042	ug/l	94
85) sec-Butylbenzene	13.617	105	207217	20.201	ug/l	99
86) p-Isopropyltoluene	13.735	119	189716	20.703	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	102738	19.471	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	104129	19.637	ug/l	97
89) n-Butylbenzene	14.059	91	141128	18.400	ug/l	99
90) Hexachloroethane	14.335	117	34687	19.417	ug/l	69
91) 1,2-Dichlorobenzene	14.106	146	100644	19.932	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14833	18.368	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	49252	16.771	ug/l	98
94) Hexachlorobutadiene	15.506	225	30165	17.849	ug/l	99
95) Naphthalene	15.641	128	124391	14.607	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	46038	16.725	ug/l	98

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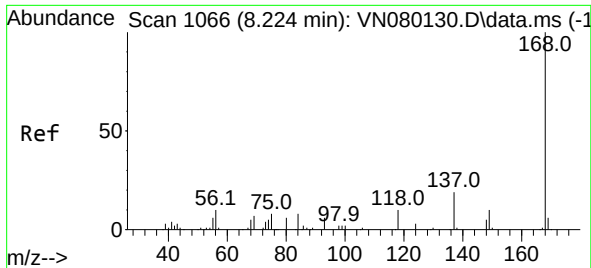
Manual Integrations
APPROVED

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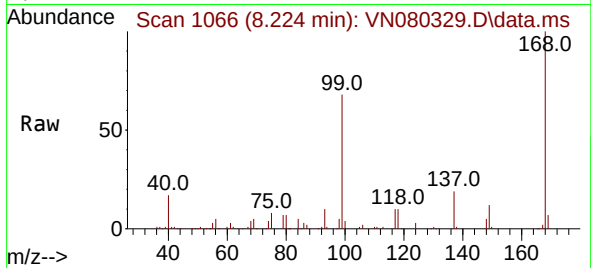
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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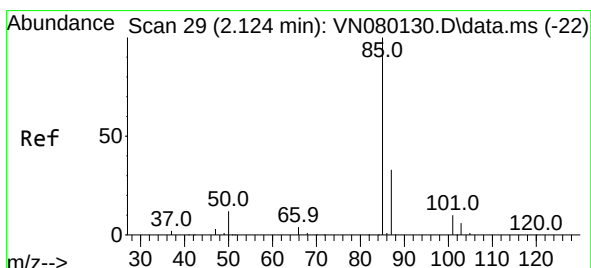
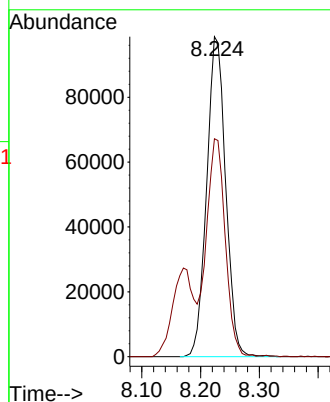
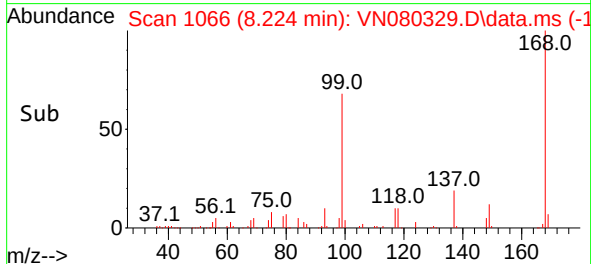
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 221440
Ion Ratio Lower Upper
168 100
99 68.1 53.0 79.6

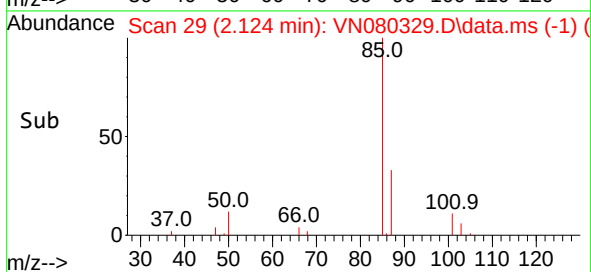
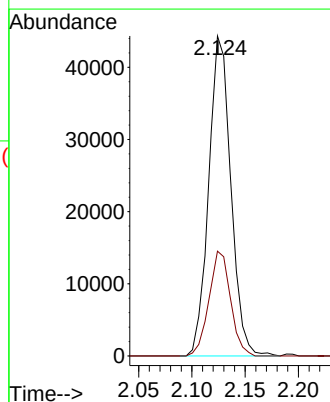
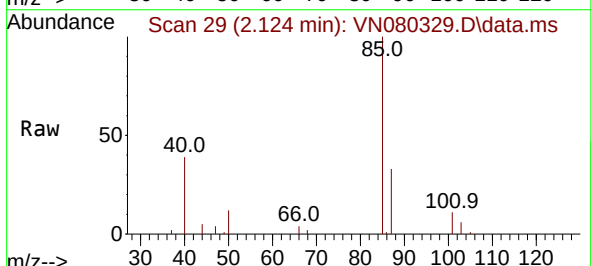
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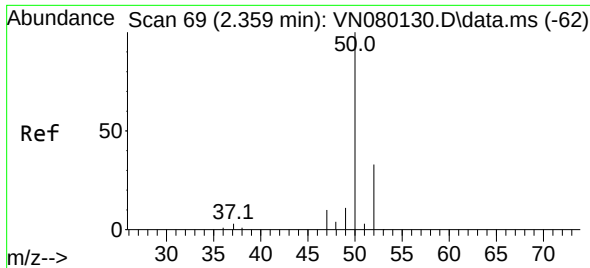
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#2
Dichlorodifluoromethane
Concen: 19.426 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion: 85 Resp: 64078
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4





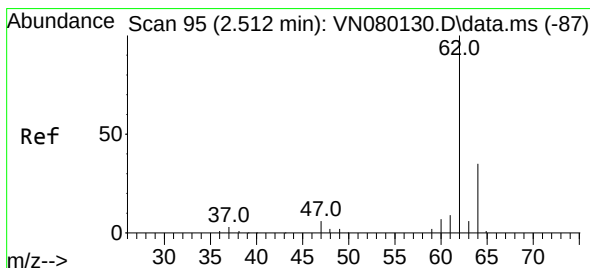
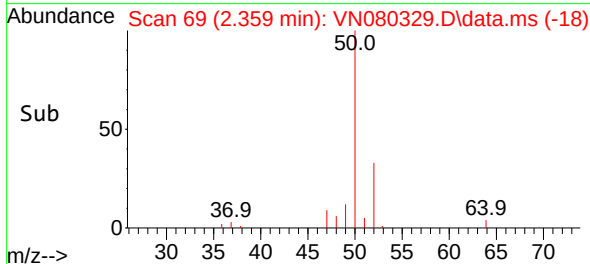
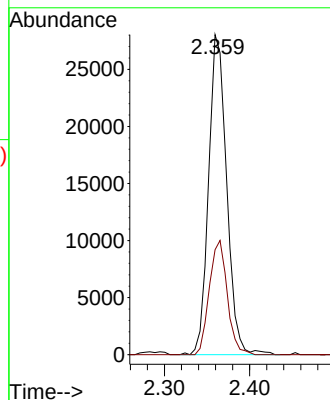
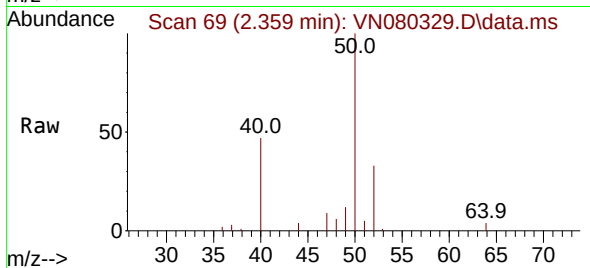
#3
Chloromethane
Concen: 16.711 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080329.D
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Tgt Ion: 50 Resp: 4144
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7

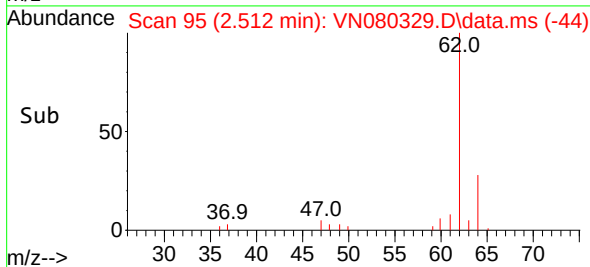
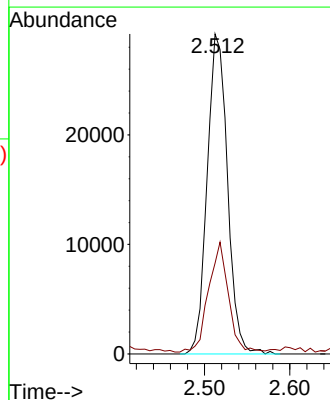
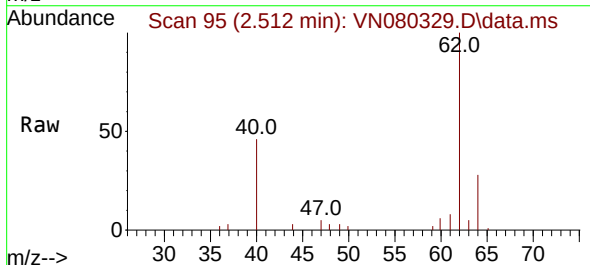
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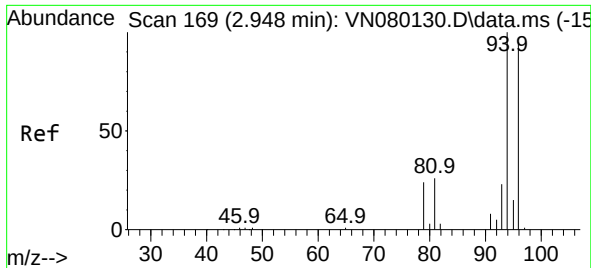
Reviewed By :John Carlone 12/05/2023
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#4
Vinyl Chloride
Concen: 18.453 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion: 62 Resp: 48428
Ion Ratio Lower Upper
62 100
64 27.8 26.2 39.2





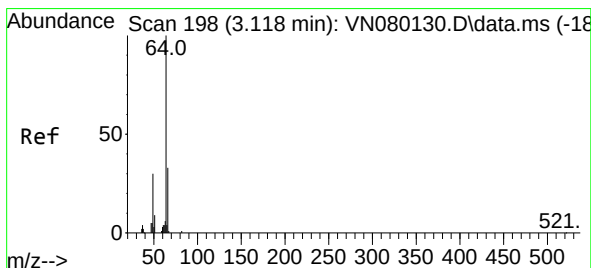
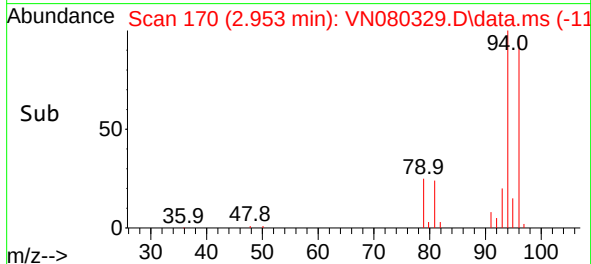
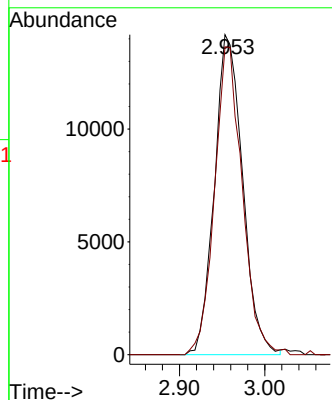
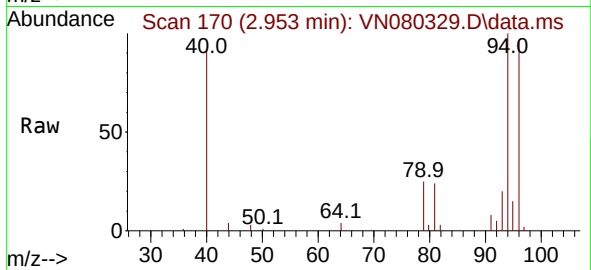
#5
Bromomethane
Concen: 18.275 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
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Tgt Ion: 94 Resp: 32560
Ion Ratio Lower Upper
94 100
96 96.2 73.1 109.7

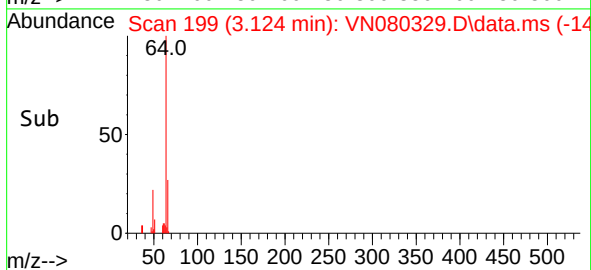
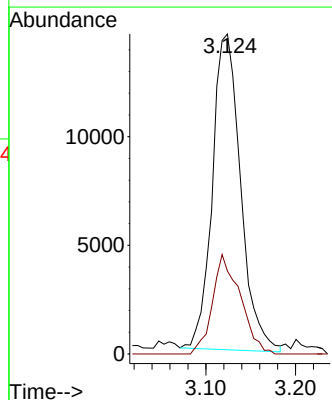
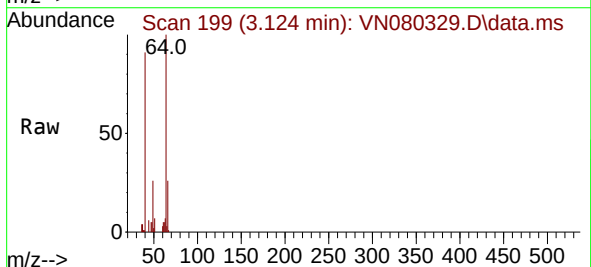
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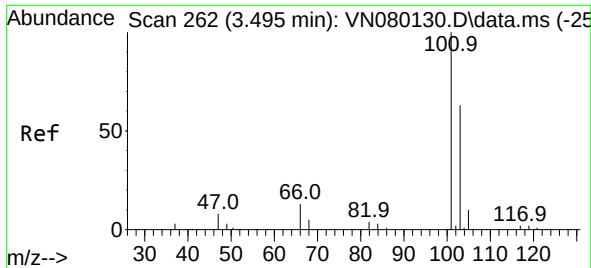
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#6
Chloroethane
Concen: 18.481 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion: 64 Resp: 31773
Ion Ratio Lower Upper
64 100
66 26.5 25.4 38.2





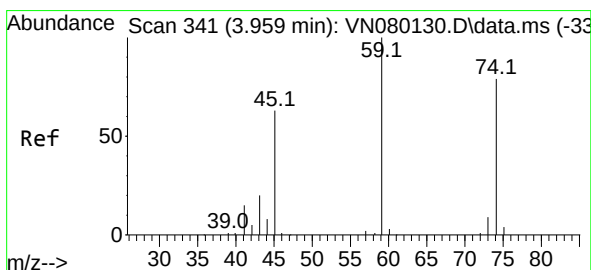
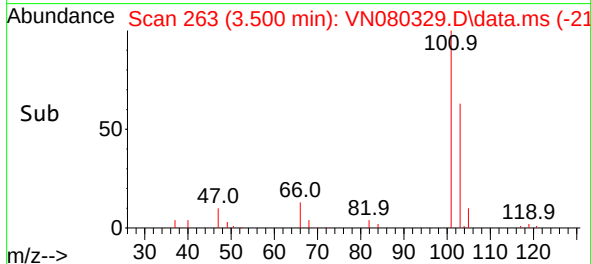
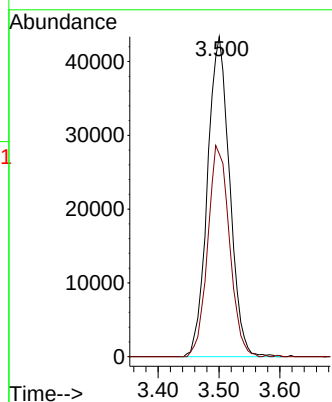
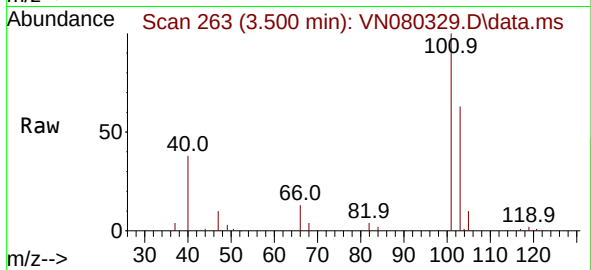
#7
Trichlorofluoromethane
Concen: 19.995 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion:101 Resp: 10946
Ion Ratio Lower Upper
101 100
103 63.4 50.7 76.1

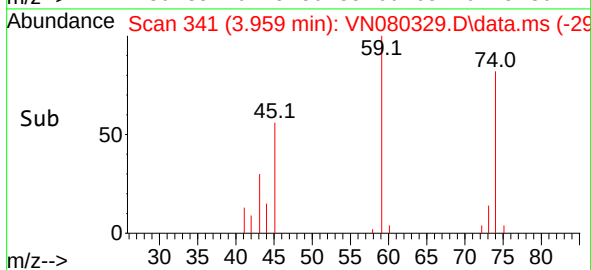
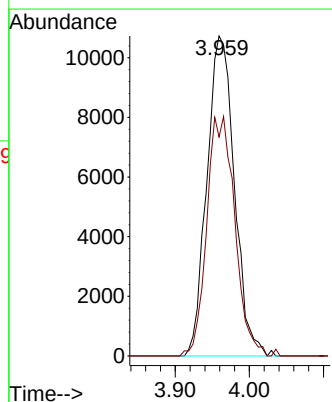
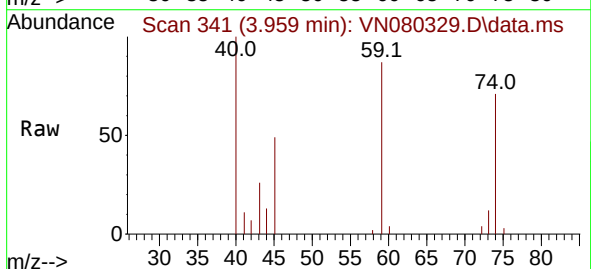
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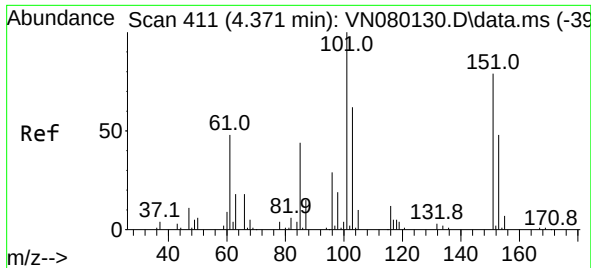
Reviewed By :John Carlone 12/05/2023
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#8
Diethyl Ether
Concen: 17.417 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080329.D
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Tgt Ion: 74 Resp: 27731
Ion Ratio Lower Upper
74 100
45 76.1 34.4 103.3





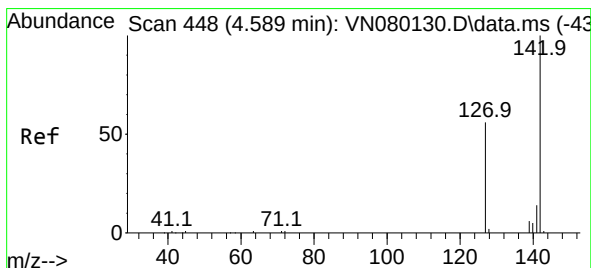
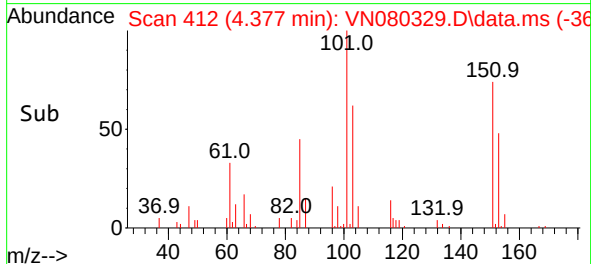
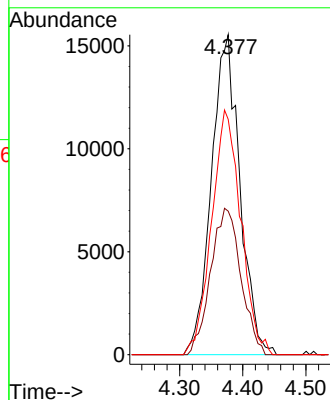
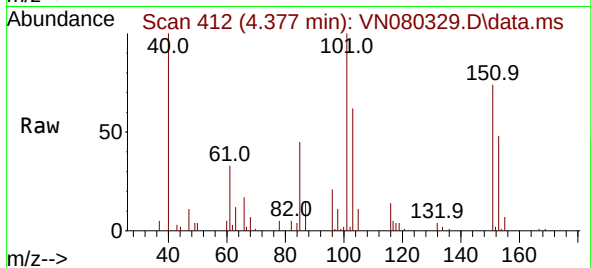
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.436 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion:101 Resp: 48634
Ion Ratio Lower Upper
101 100
85 48.7 36.6 55.0
151 78.7 57.6 86.4

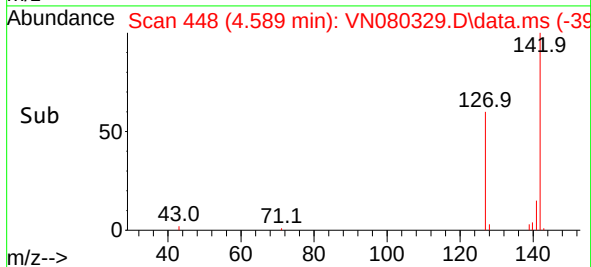
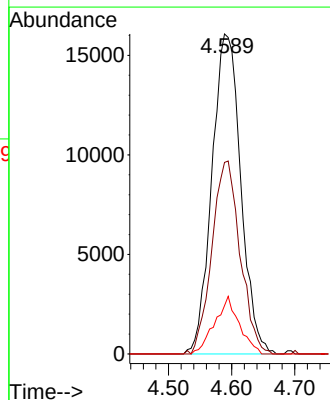
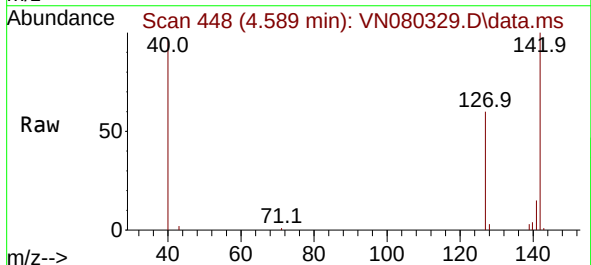
Manual Integrations
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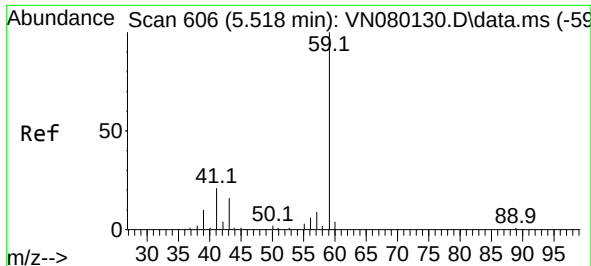
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#10
Methyl Iodide
Concen: 18.868 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion:142 Resp: 51025
Ion Ratio Lower Upper
142 100
127 59.9 37.6 56.4#
141 15.1 11.4 17.0





#11

Tert butyl alcohol

Concen: 98.632 ug/l

RT: 5.512 min Scan# 606

Delta R.T. -0.006 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

Tgt Ion: 59 Resp: 39658

Ion Ratio Lower Upper

59 100

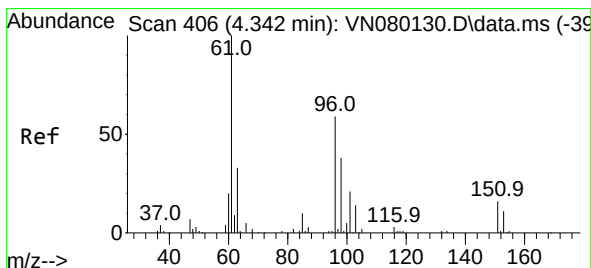
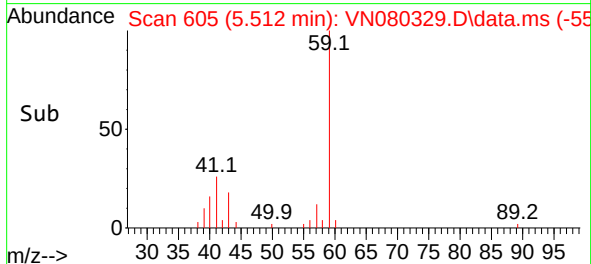
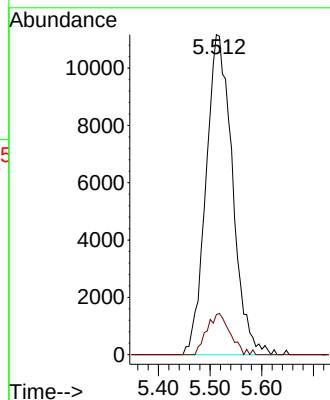
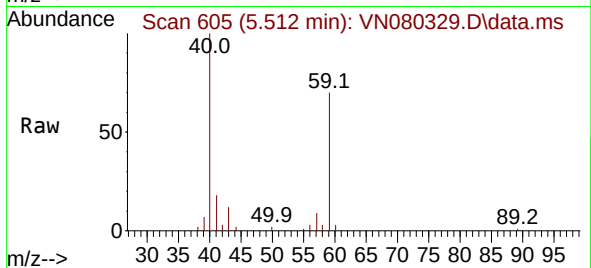
57 11.4 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#12

1,1-Dichloroethene

Concen: 19.649 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

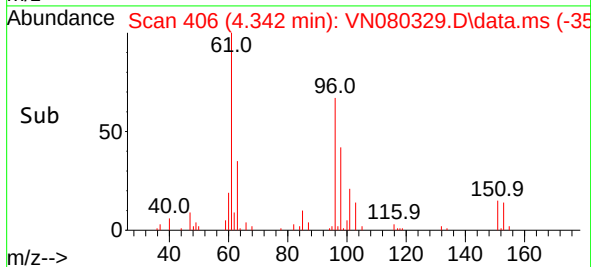
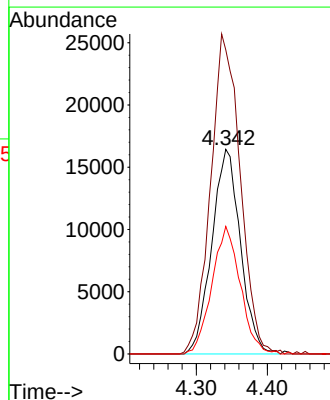
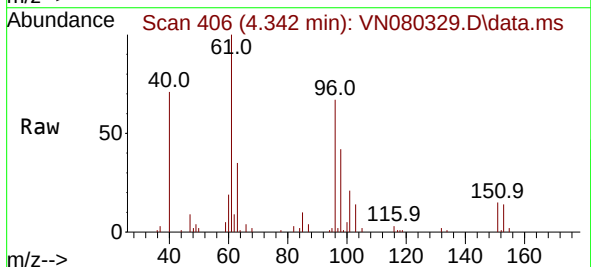
Tgt Ion: 96 Resp: 45988

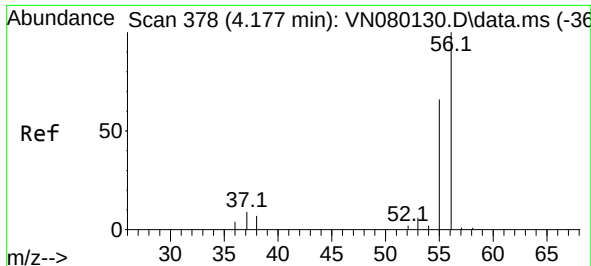
Ion Ratio Lower Upper

96 100

61 148.6 112.7 169.1

98 62.4 51.2 76.8





#13

Acrolein

Concen: 68.090 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

Tgt Ion: 56 Resp: 24229

Ion Ratio Lower Upper

56 100

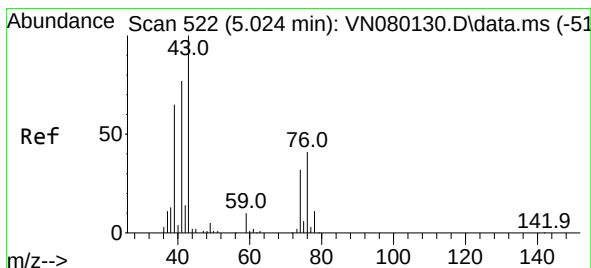
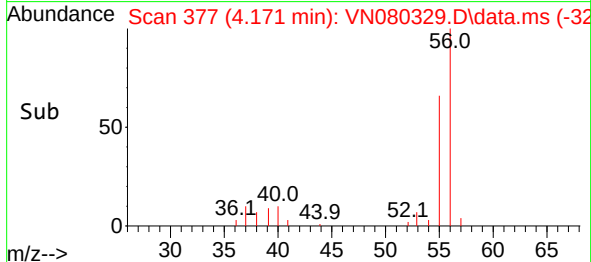
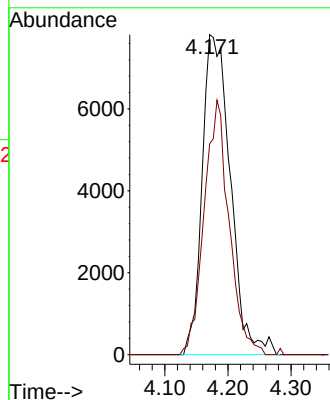
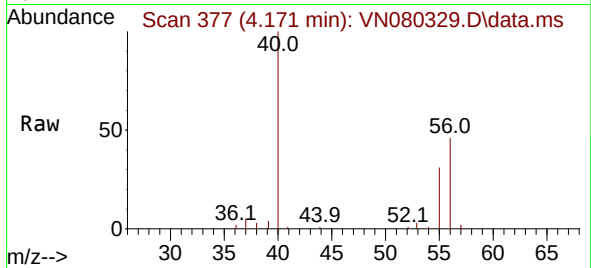
55 70.5 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#14

Allyl chloride

Concen: 17.459 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

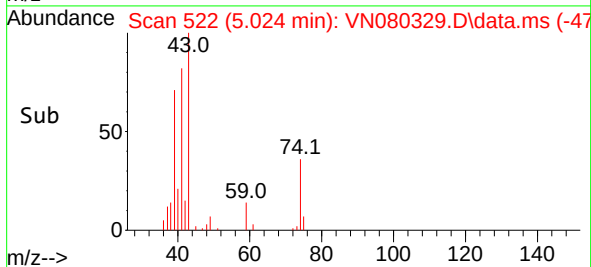
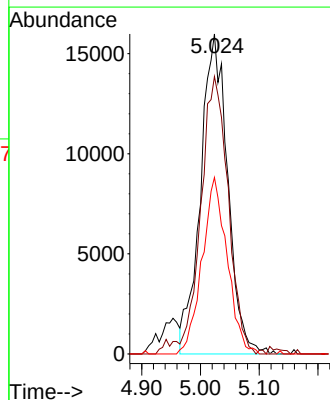
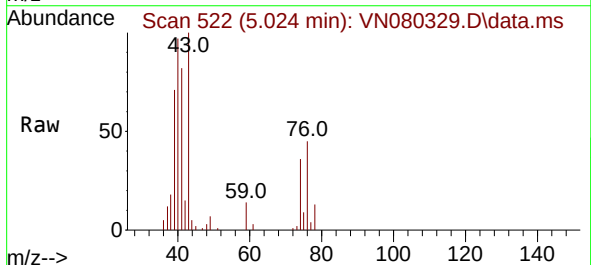
Tgt Ion: 41 Resp: 51411

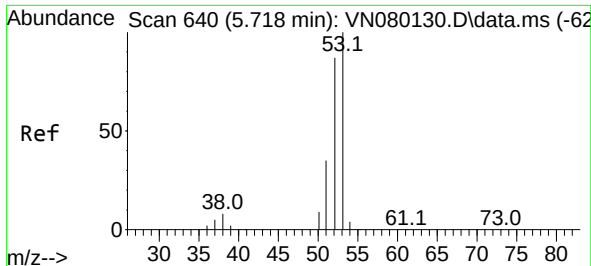
Ion Ratio Lower Upper

41 100

39 86.7 58.8 88.2

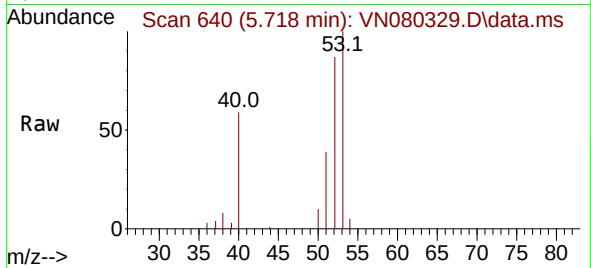
76 50.8 39.1 58.7





#15
Acrylonitrile
Concen: 90.263 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

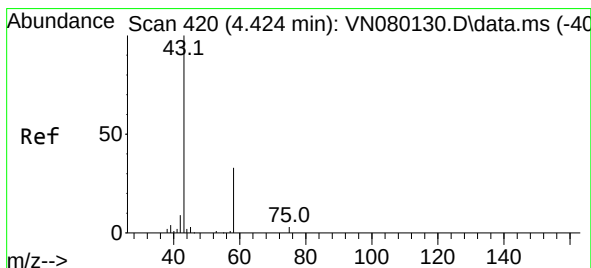
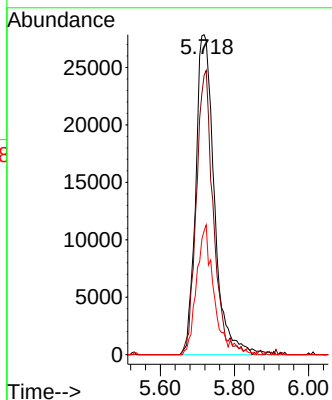
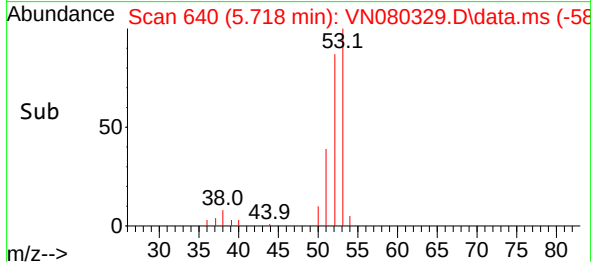
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



Tgt Ion: 53 Resp: 97430
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 36.0 28.9 43.3

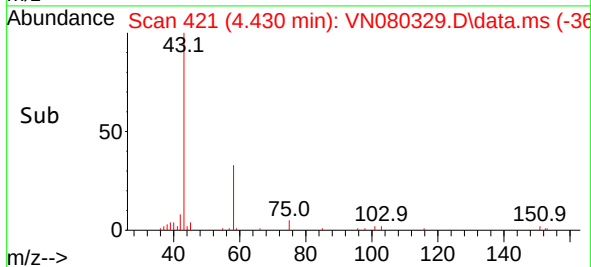
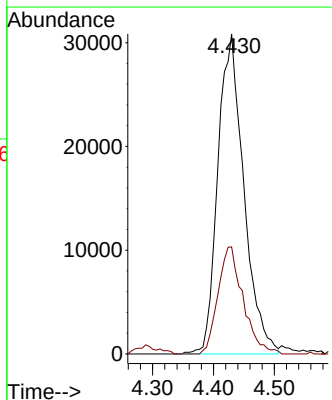
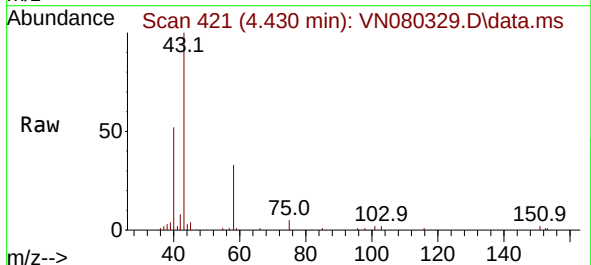
Manual Integrations
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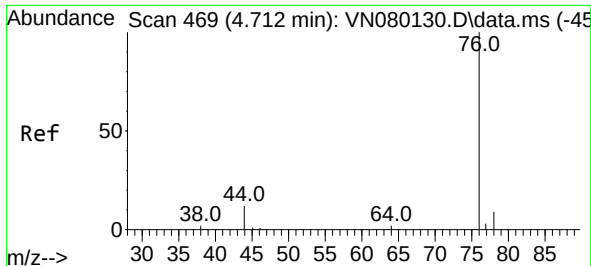
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#16
Acetone
Concen: 74.372 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

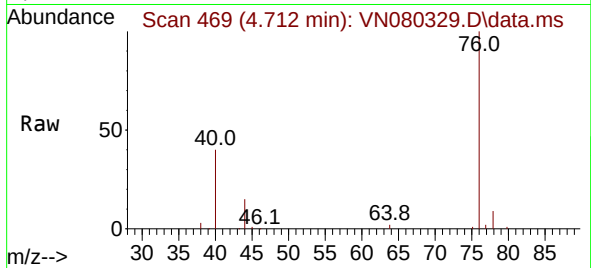
Tgt Ion: 43 Resp: 91334
Ion Ratio Lower Upper
43 100
58 33.4 28.0 42.0





#17
Carbon Disulfide
Concen: 17.157 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

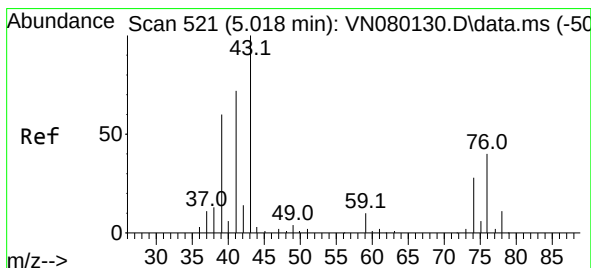
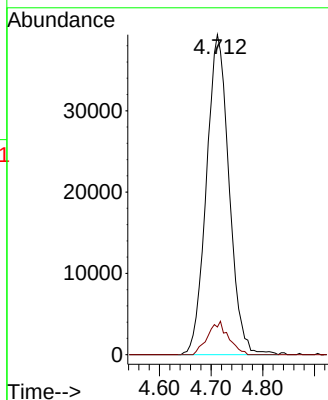
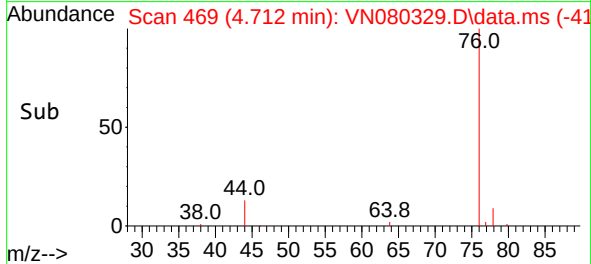
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



Tgt Ion: 76 Resp: 119898
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

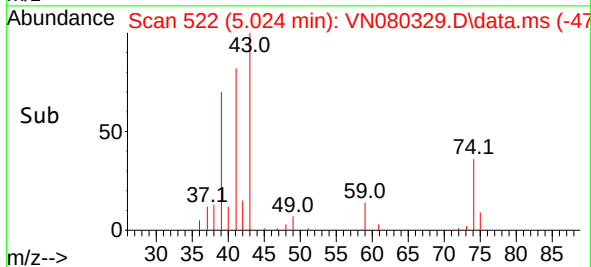
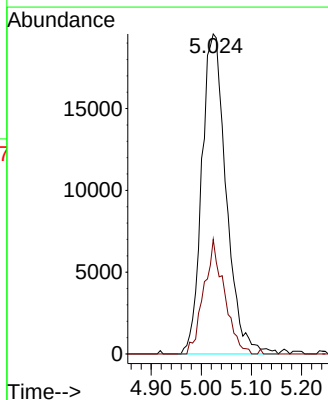
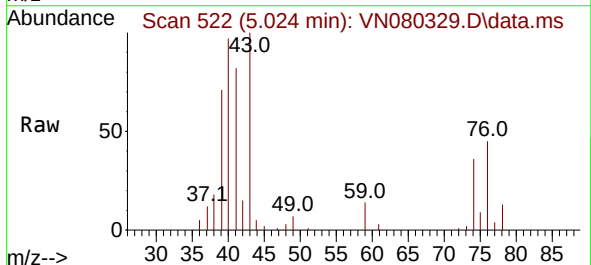
Manual Integrations
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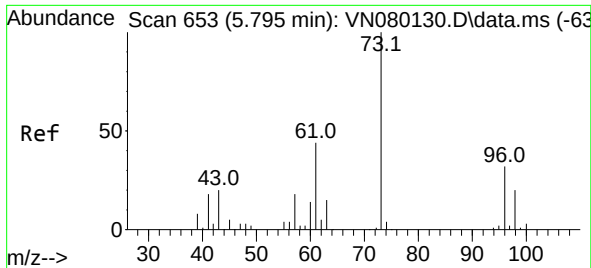
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#18
Methyl Acetate
Concen: 16.734 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion: 43 Resp: 66030
Ion Ratio Lower Upper
43 100
74 30.3 26.2 39.4





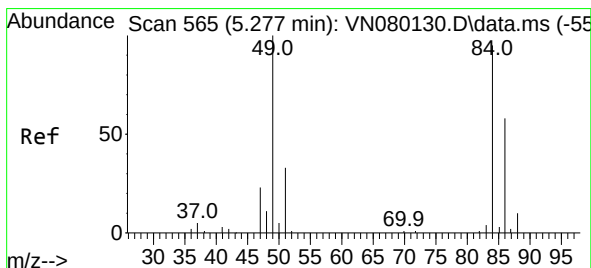
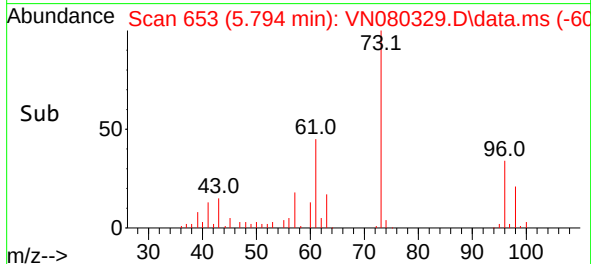
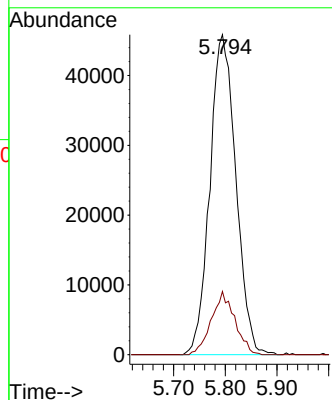
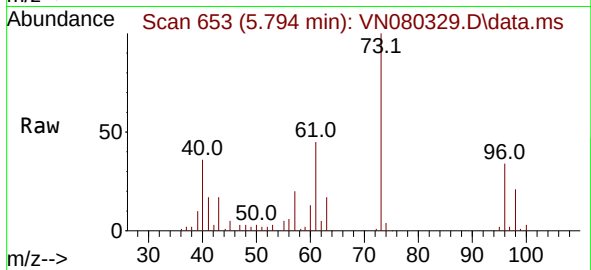
#19
Methyl tert-butyl Ether
Concen: 19.402 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion: 73 Resp: 16036
Ion Ratio Lower Upper
73 100
57 19.7 15.6 23.4

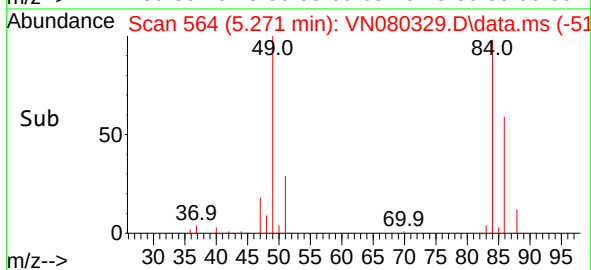
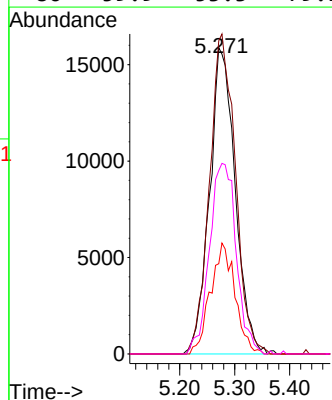
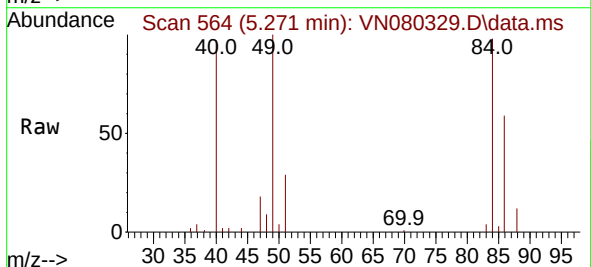
Manual Integrations
APPROVED

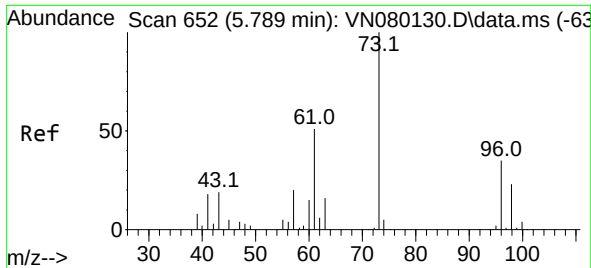
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#20
Methylene Chloride
Concen: 20.064 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

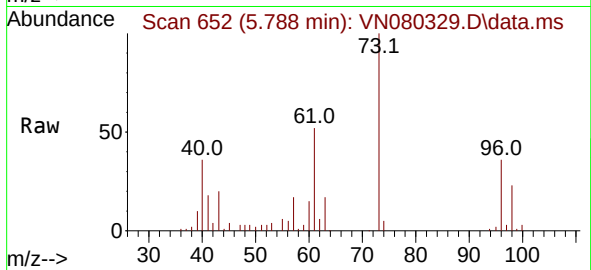
Tgt Ion: 84 Resp: 51600
Ion Ratio Lower Upper
84 100
49 102.2 79.7 119.5
51 29.5 25.2 37.8
86 59.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.177 ug/l
RT: 5.788 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

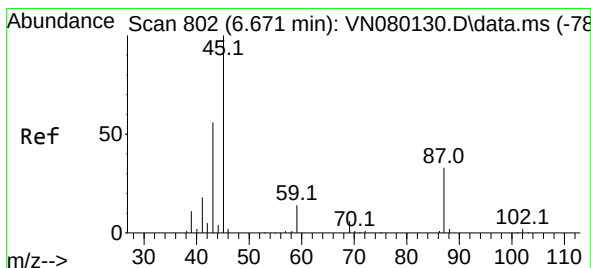
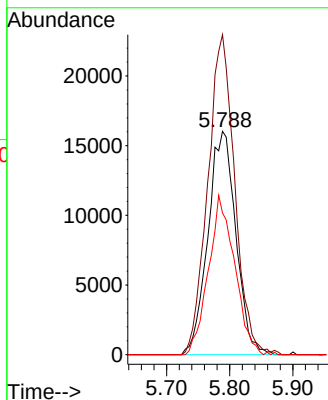
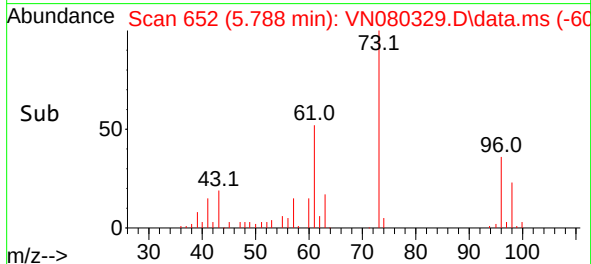
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



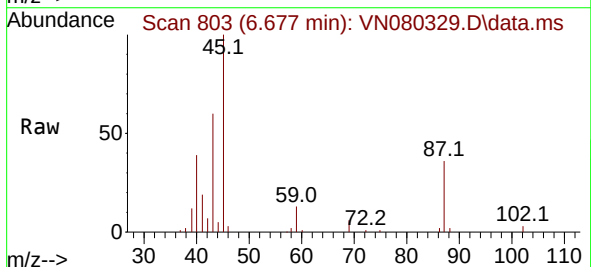
Tgt Ion: 96 Resp: 49307
Ion Ratio Lower Upper
96 100
61 143.3 90.1 135.1
98 63.5 46.4 69.6

Manual Integrations
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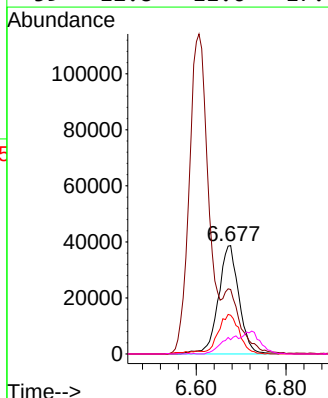
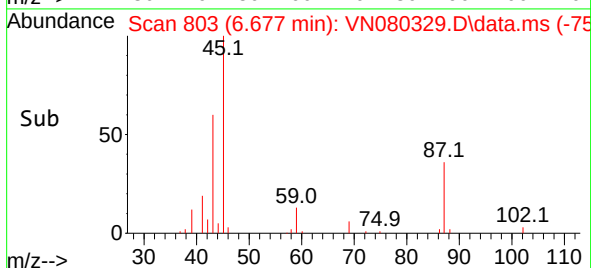
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

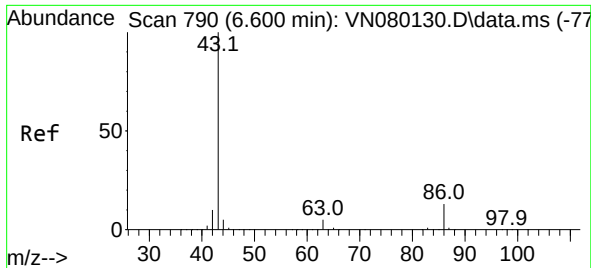


#22
Diisopropyl ether
Concen: 18.860 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25



Tgt Ion: 45 Resp: 122872
Ion Ratio Lower Upper
45 100
43 58.2 45.5 68.3
87 35.7 31.8 47.8
59 12.8 11.6 17.4





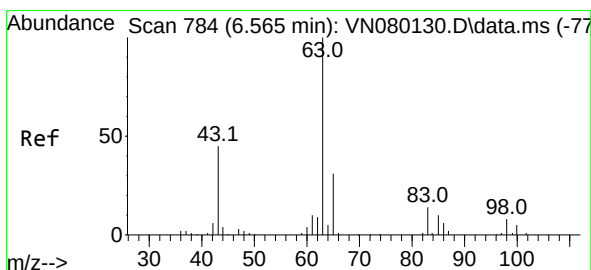
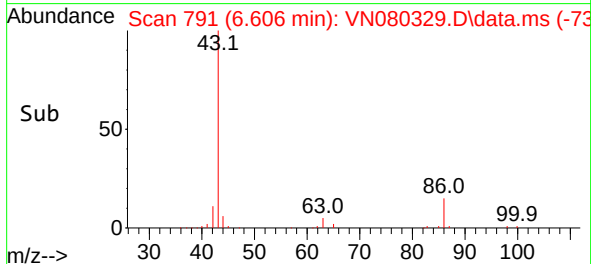
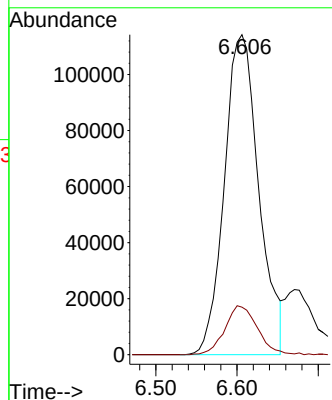
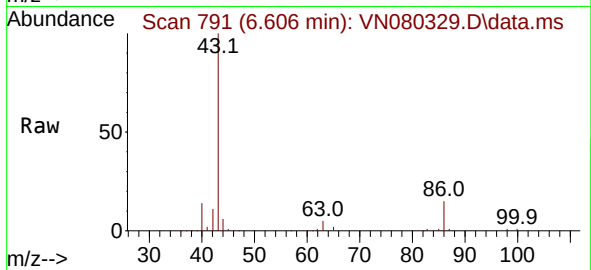
#23
 Vinyl Acetate
 Concen: 86.270 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080329.D
 Acq: 04 Dec 2023 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBS01

Tgt Ion: 43 Resp: 33789
 Ion Ratio Lower Upper
 43 100
 86 14.8 13.0 19.6

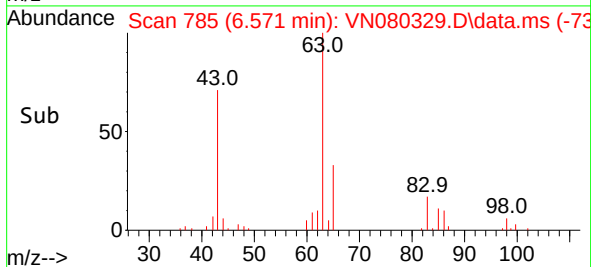
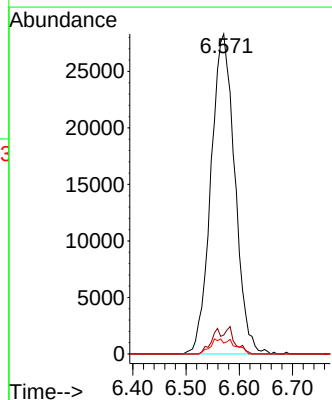
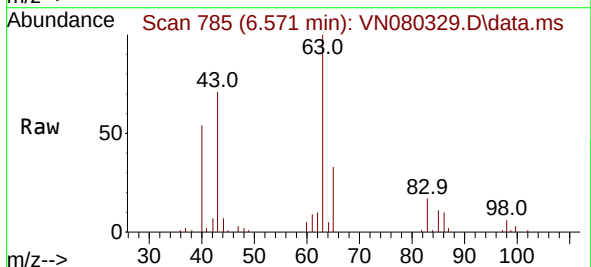
Manual Integrations
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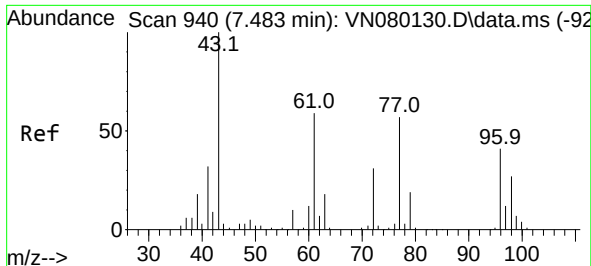
Reviewed By :John Carlone 12/05/2023
 Supervised By :Mahesh Dadoda 12/05/2023



#24
 1,1-Dichloroethane
 Concen: 18.559 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080329.D
 Acq: 04 Dec 2023 11:25

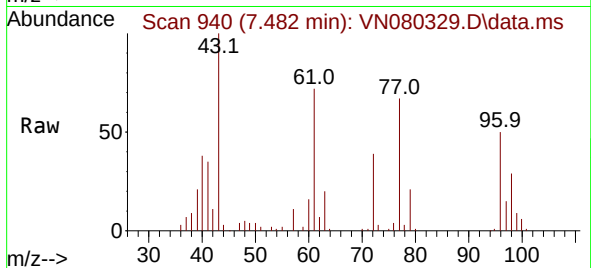
Tgt Ion: 63 Resp: 88062
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.9 11.7
 100 3.4 2.5 7.4





#25
2-Butanone
Concen: 80.059 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

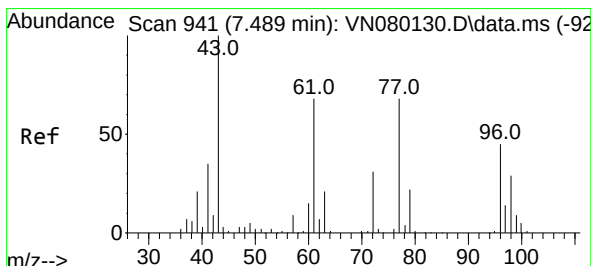
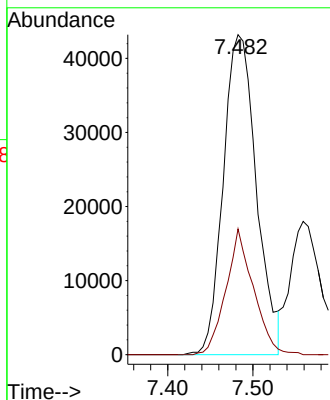
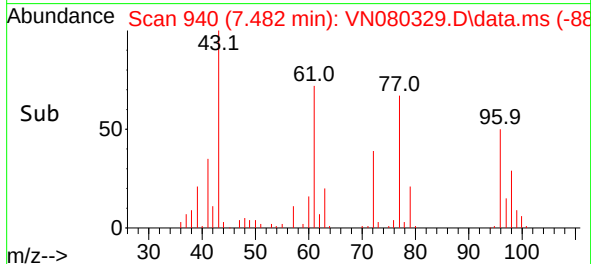
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



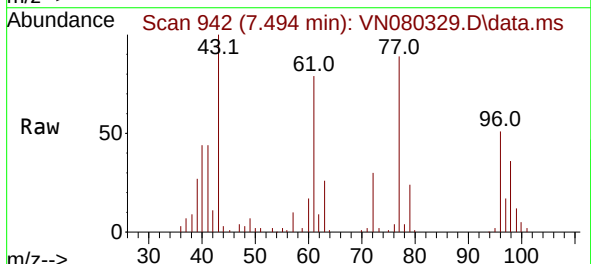
Tgt Ion: 43 Resp: 116814
Ion Ratio Lower Upper
43 100
72 39.3 30.2 45.2

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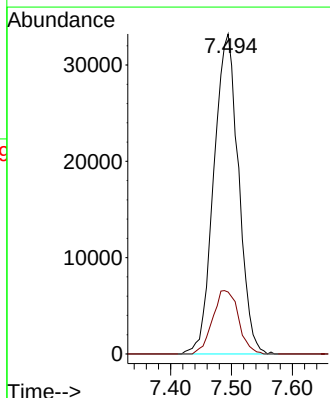
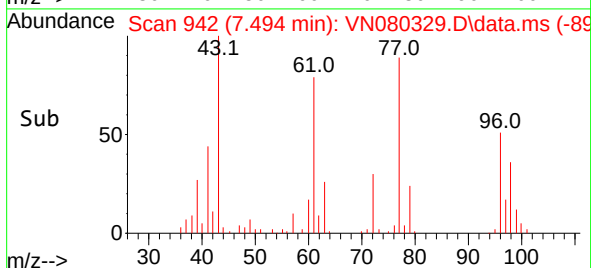
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

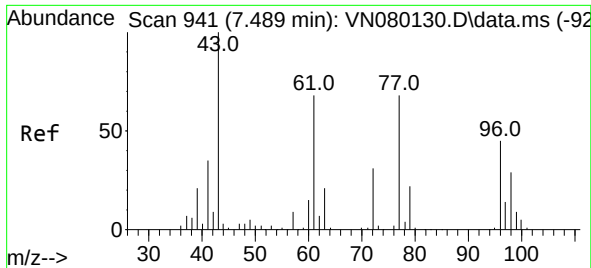


#26
2,2-Dichloropropane
Concen: 19.884 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25



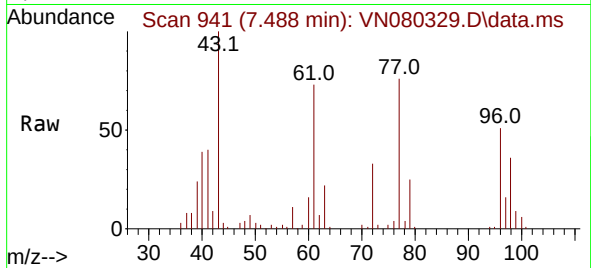
Tgt Ion: 77 Resp: 93606
Ion Ratio Lower Upper
77 100
97 20.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.068 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080329.D
 Acq: 04 Dec 2023 11:25

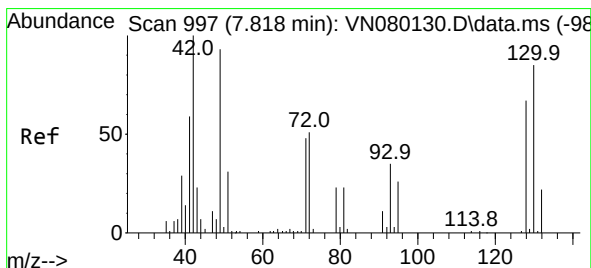
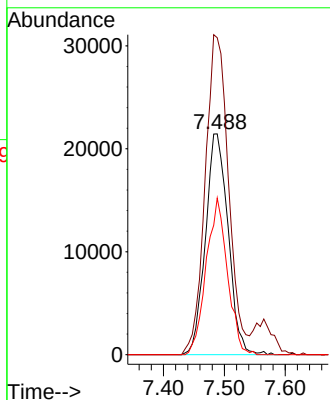
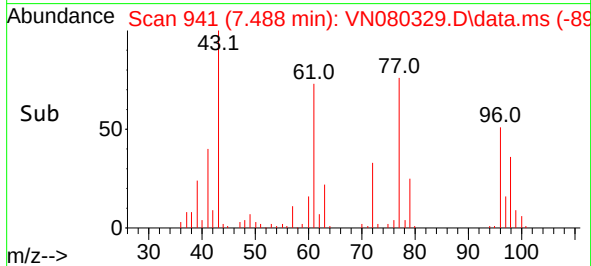
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBS01



Tgt Ion: 96 Resp: 5558
 Ion Ratio Lower Upper
 96 100
 61 149.5 0.0 255.2
 98 66.2 0.0 128.8

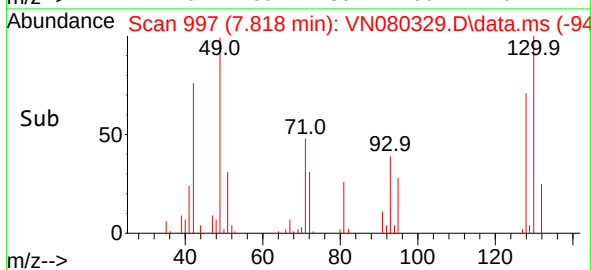
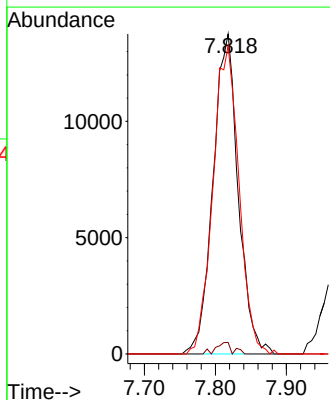
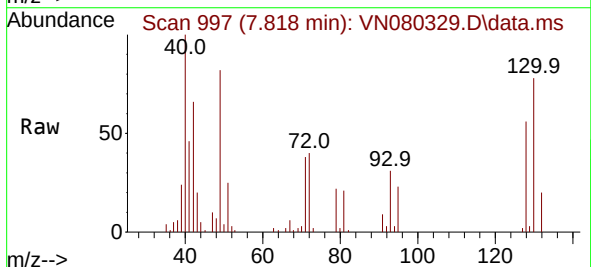
Manual Integrations
 APPROVED

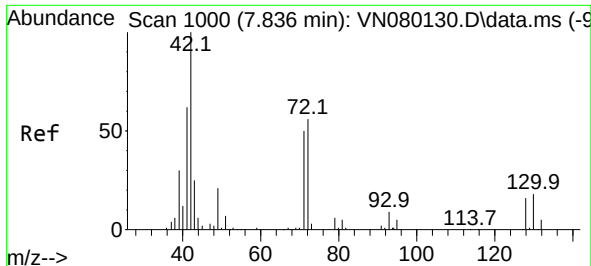
Reviewed By :John Carlone 12/05/2023
 Supervised By :Mahesh Dadoda 12/05/2023



#28
 Bromochloromethane
 Concen: 18.146 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080329.D
 Acq: 04 Dec 2023 11:25

Tgt Ion: 49 Resp: 33850
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 99.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 89.306 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080329.D

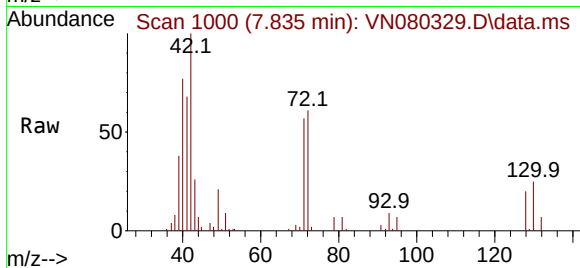
Acq: 04 Dec 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01



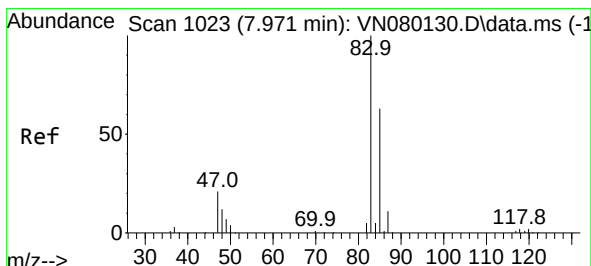
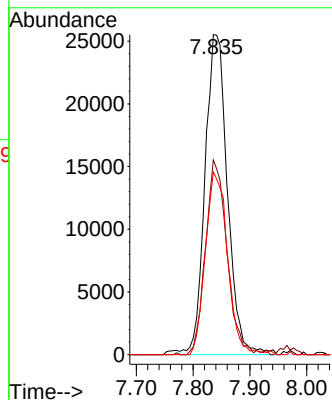
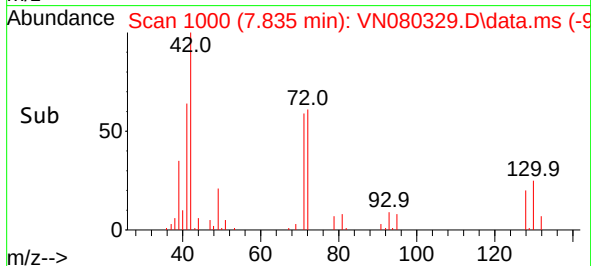
Tgt Ion:	42	Resp:	69958
Ion Ratio	Lower	Upper	
42	100		
72	58.4	49.8	74.6
71	56.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#30

Chloroform

Concen: 20.294 ug/l

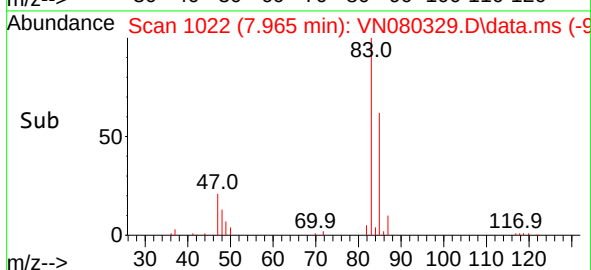
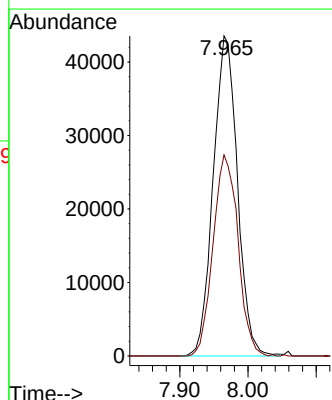
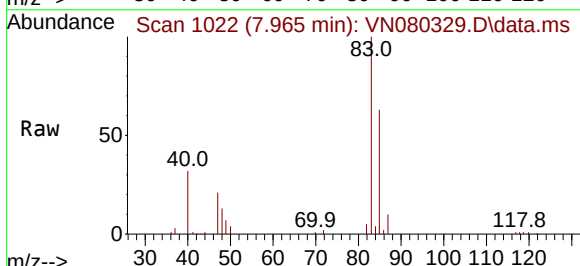
RT: 7.965 min Scan# 1022

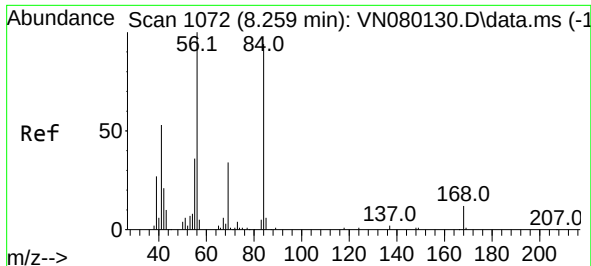
Delta R.T. -0.006 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

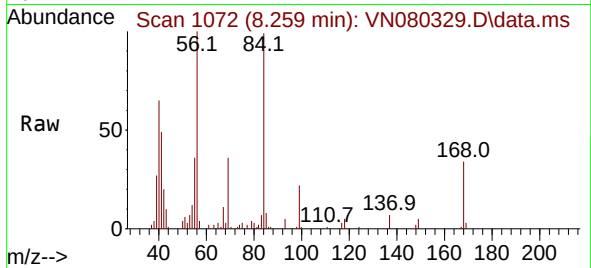
Tgt Ion:	83	Resp:	107631
Ion Ratio	Lower	Upper	
83	100		
85	62.8	55.4	83.0





#31
Cyclohexane
Concen: 17.655 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

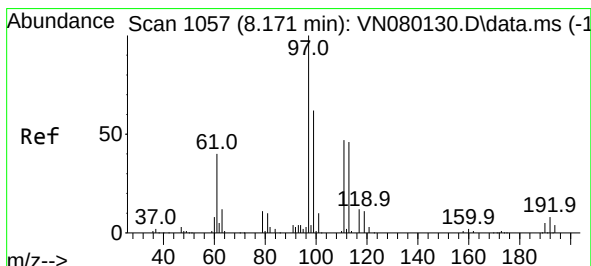
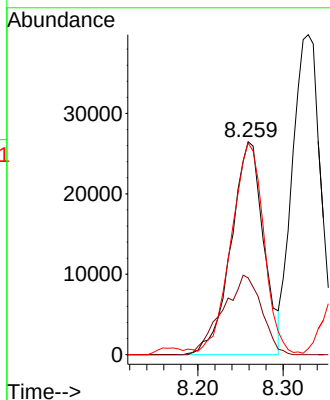
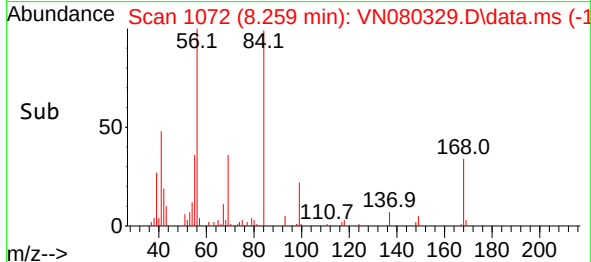
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



Tgt Ion: 56 Resp: 7020
Ion Ratio Lower Upper
56 100
69 35.3 26.8 40.2
84 96.6 81.8 122.6

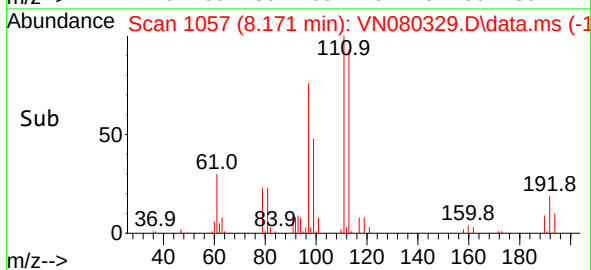
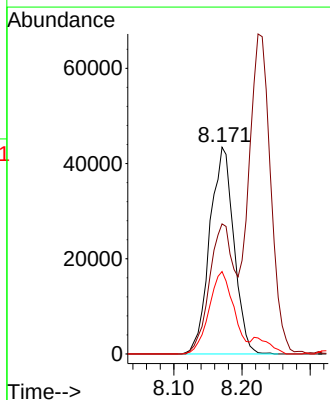
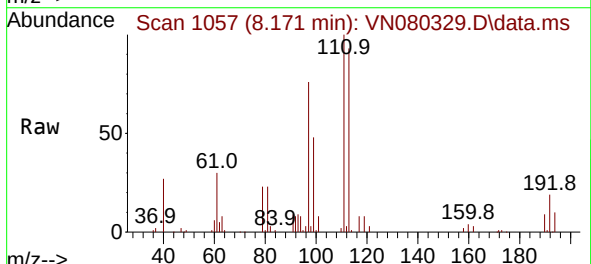
Manual Integrations
APPROVED

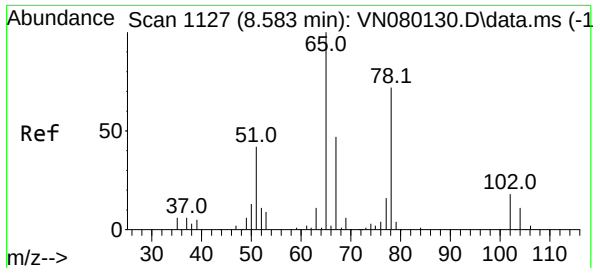
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#32
1,1,1-Trichloroethane
Concen: 20.639 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion: 97 Resp: 106745
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 41.4 34.7 52.1





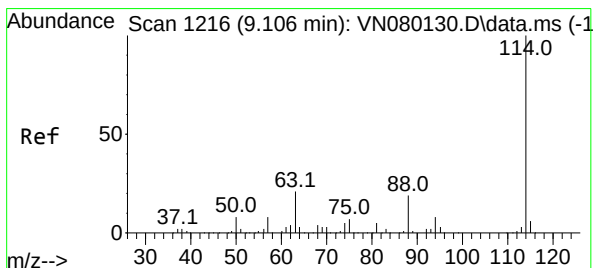
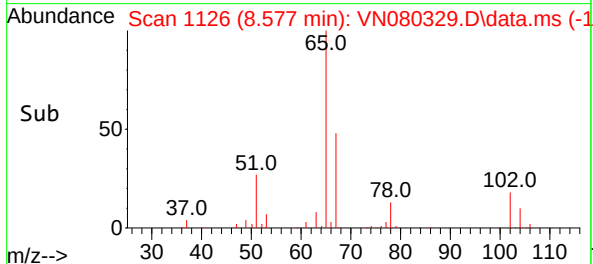
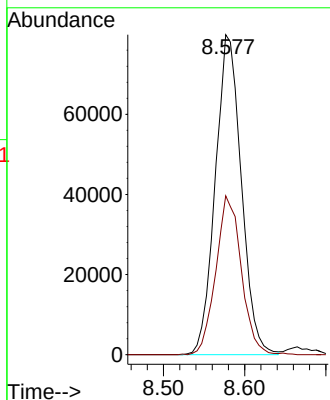
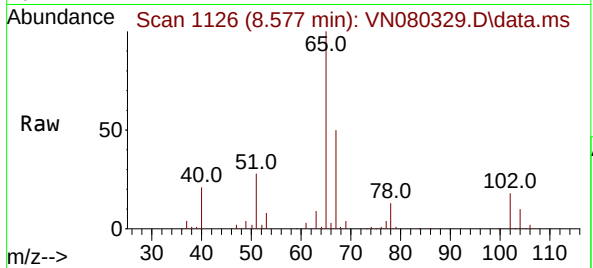
#33
1,2-Dichloroethane-d4
Concen: 48.660 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion: 65 Resp: 177910
Ion Ratio Lower Upper
65 100
67 48.7 0.0 106.6

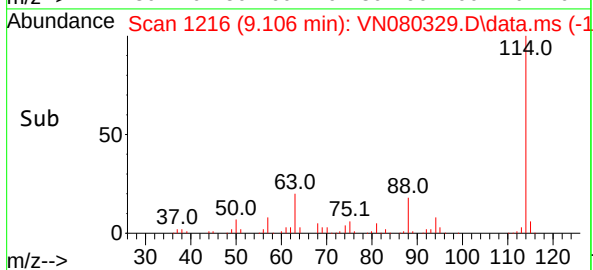
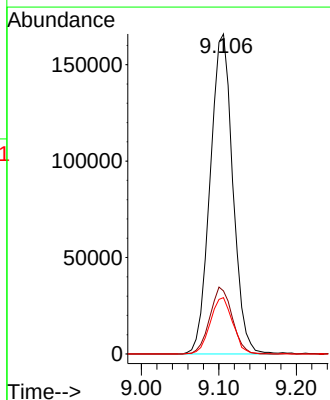
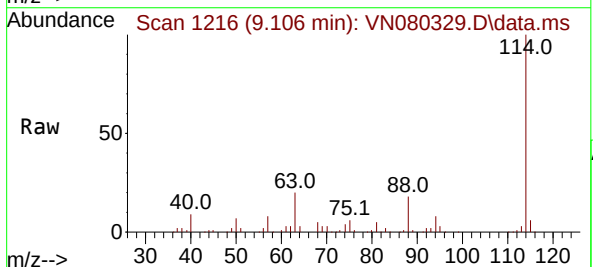
Manual Integrations
APPROVED

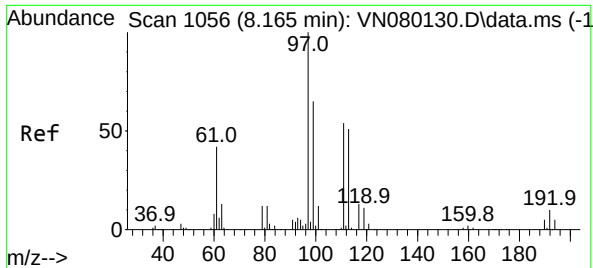
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

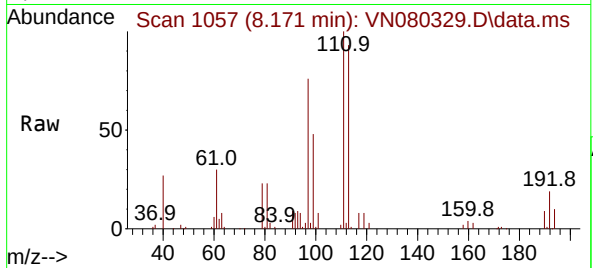
Tgt Ion:114 Resp: 336915
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.4
88 17.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.140 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

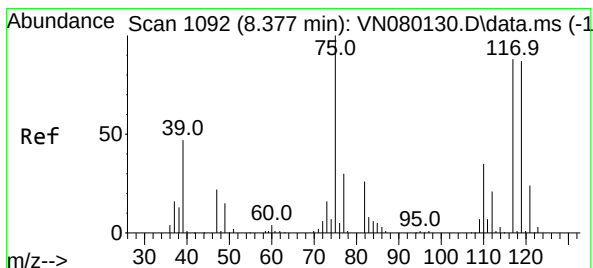
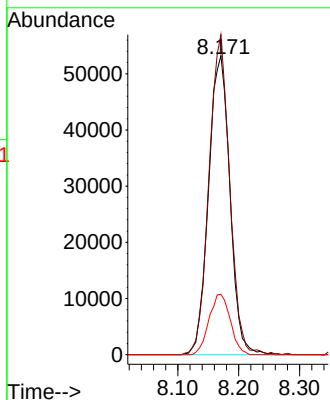
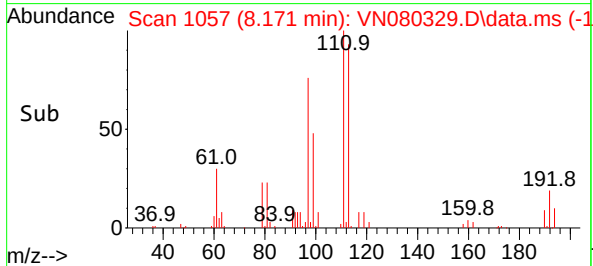
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



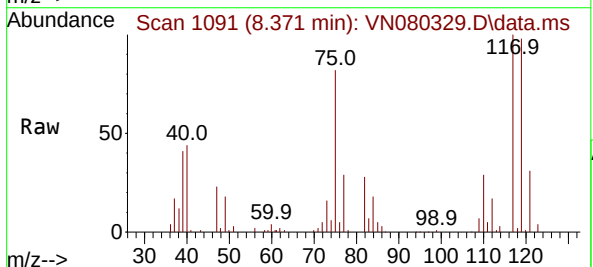
Tgt Ion:113 Resp: 129620
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 20.1 12.7 19.1

Manual Integrations
APPROVED

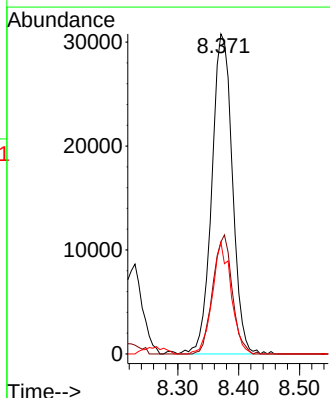
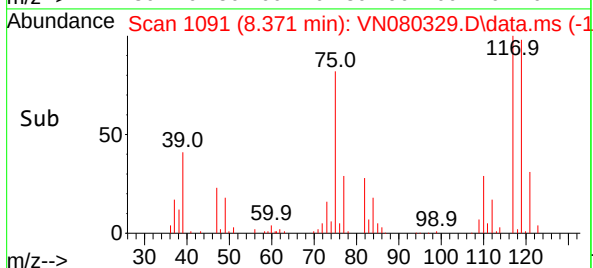
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

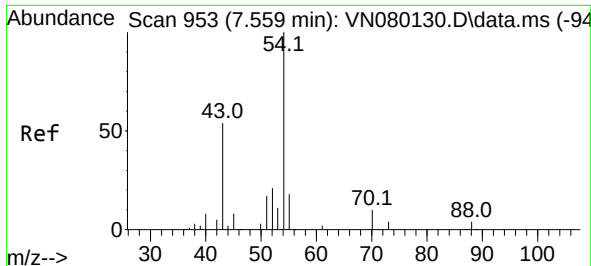


#36
1,1-Dichloropropene
Concen: 20.091 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25



Tgt Ion: 75 Resp: 72311
Ion Ratio Lower Upper
75 100
110 35.1 19.1 57.3
77 32.0 25.0 37.4





#37

Ethyl Acetate

Concen: 17.833 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

Tgt Ion: 43 Resp: 4452

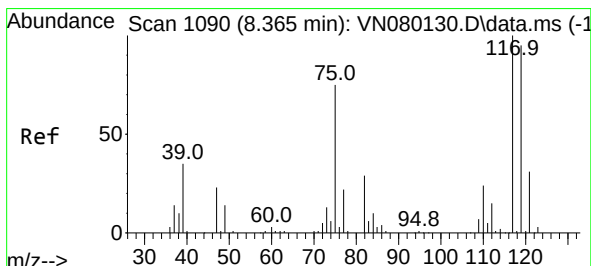
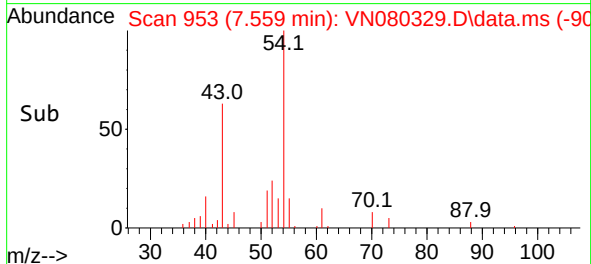
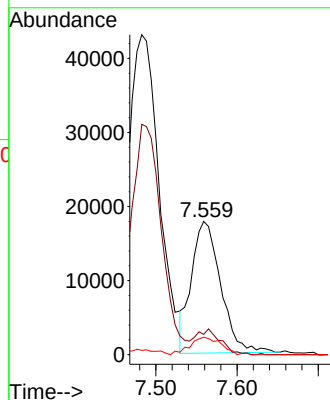
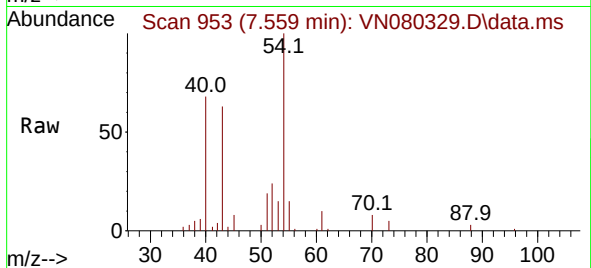
Ion	Ratio	Lower	Upper
43	100		
61	16.1	13.2	19.8
70	14.1	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#38

Carbon Tetrachloride

Concen: 21.741 ug/l

RT: 8.365 min Scan# 1090

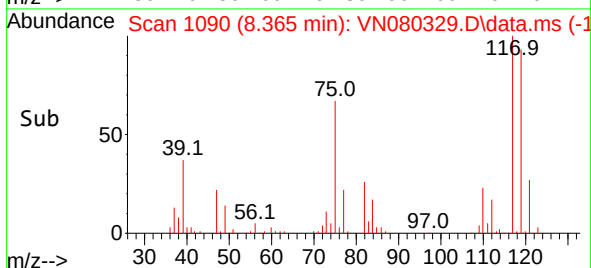
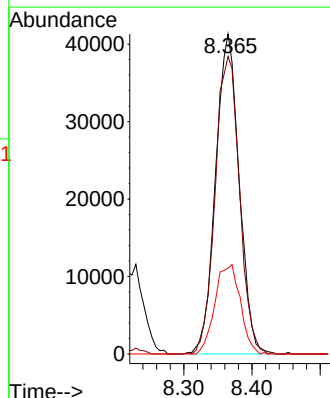
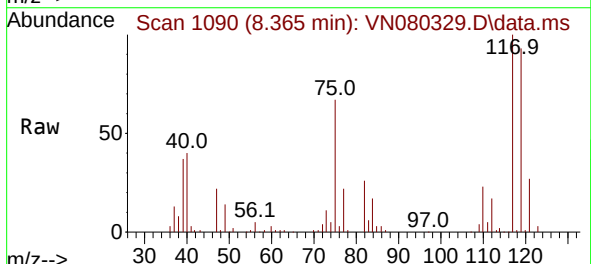
Delta R.T. -0.000 min

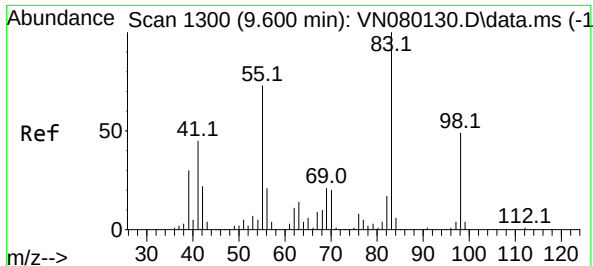
Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Tgt Ion:117 Resp: 99299

Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.3	115.9
121	26.8	23.3	34.9





#39

Methylcyclohexane

Concen: 18.722 ug/l

RT: 9.606 min Scan# 11300

Delta R.T. 0.006 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

Tgt Ion: 83 Resp: 64974

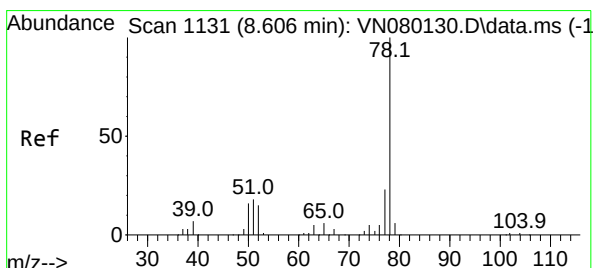
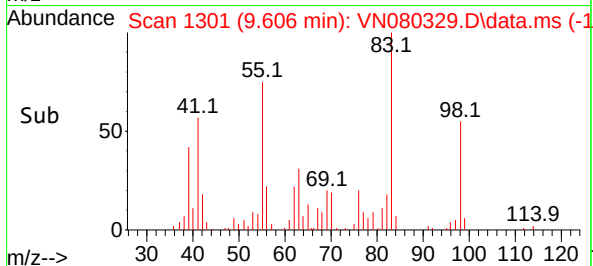
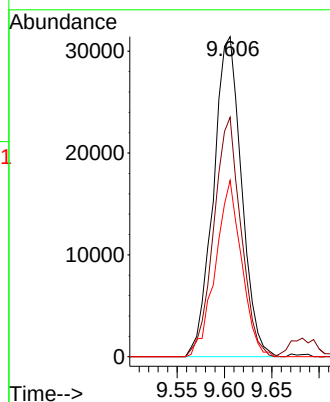
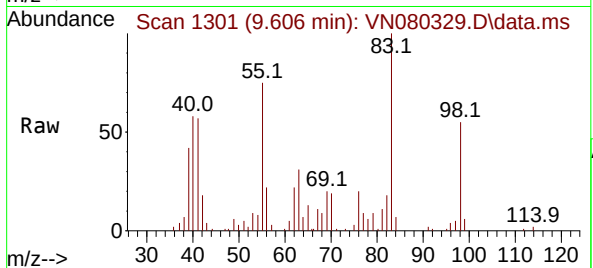
Ion	Ratio	Lower	Upper
83	100		
55	74.8	49.1	73.7
98	55.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#40

Benzene

Concen: 20.156 ug/l

RT: 8.606 min Scan# 1131

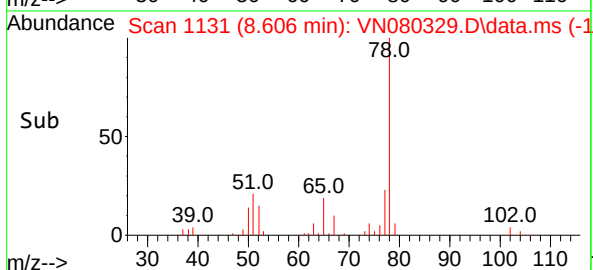
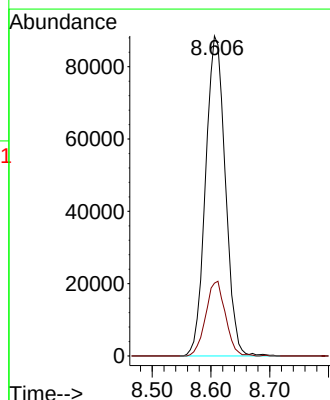
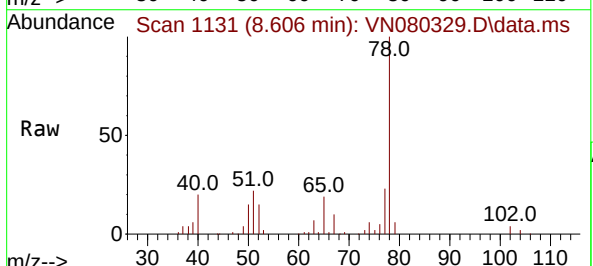
Delta R.T. -0.000 min

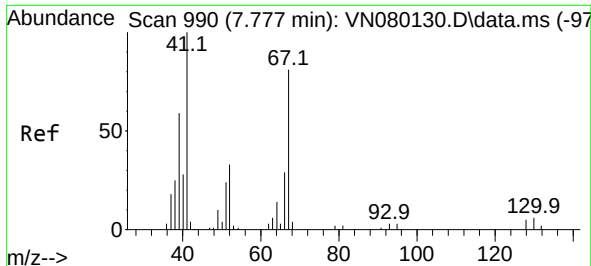
Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Tgt Ion: 78 Resp: 206188

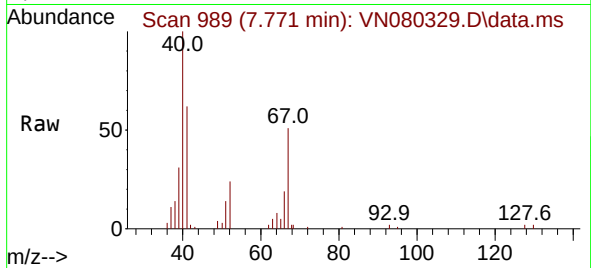
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.6





#41
Methacrylonitrile
Concen: 17.876 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

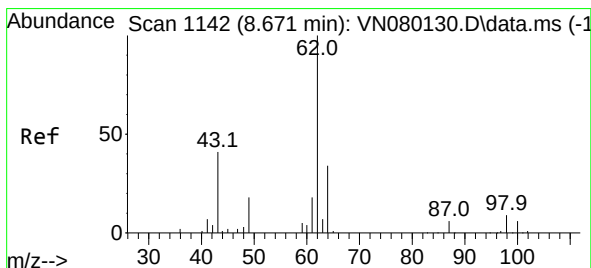
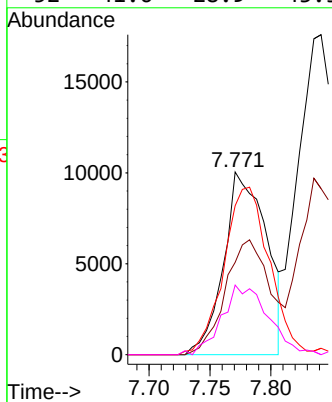
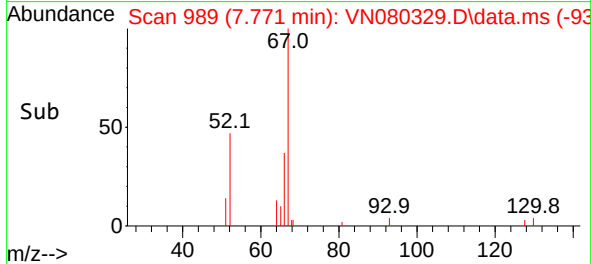
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



Tgt Ion: 41 Resp: 24508
Ion Ratio Lower Upper
41 100
39 67.1 42.6 64.0
67 97.7 77.5 116.3
52 41.6 28.9 43.3

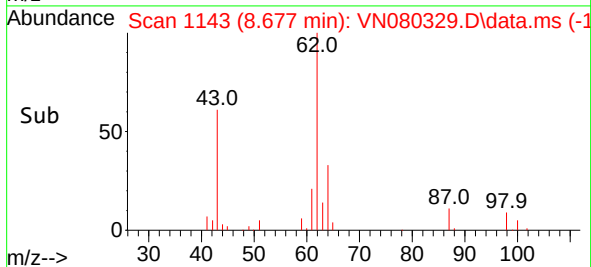
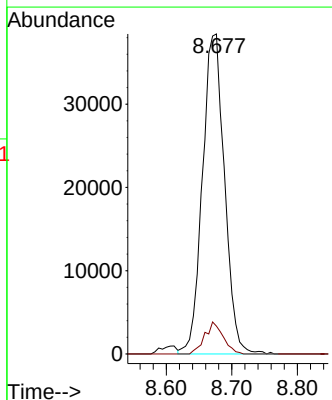
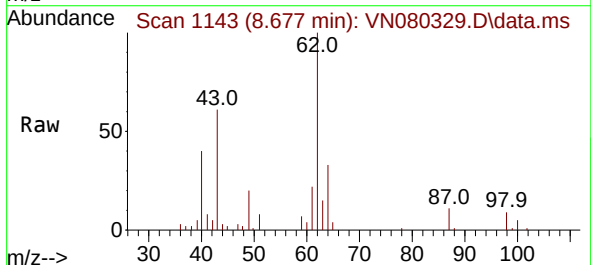
Manual Integrations
APPROVED

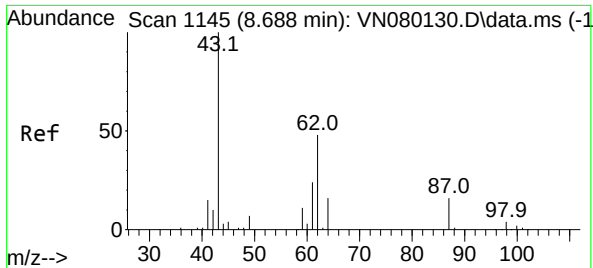
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#42
1,2-Dichloroethane
Concen: 21.530 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion: 62 Resp: 90105
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 16.261 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

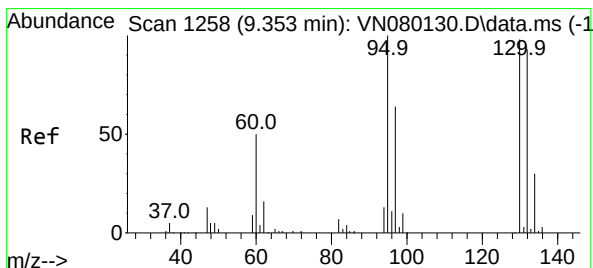
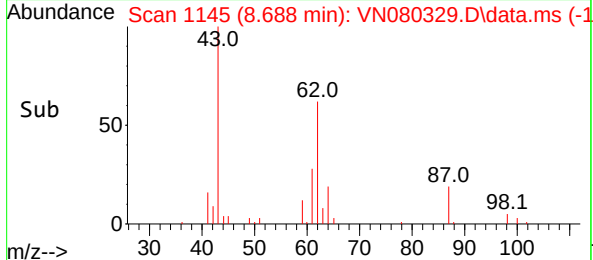
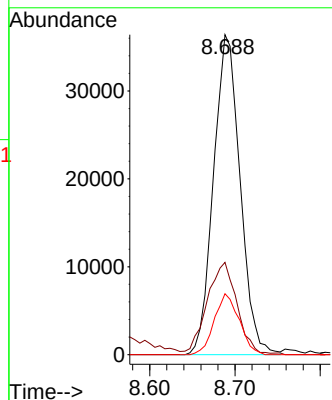
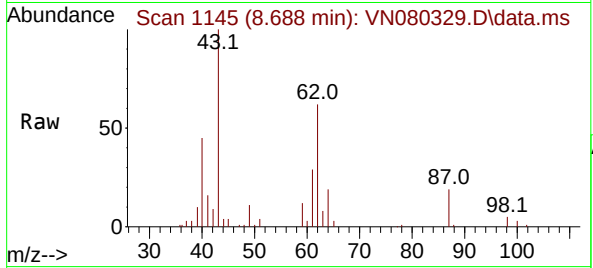
Tgt Ion: 43	Resp: 79000
Ion Ratio	Lower Upper
43	100
61	32.7 24.7 37.1
87	17.9 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#44

Trichloroethene

Concen: 21.608 ug/l

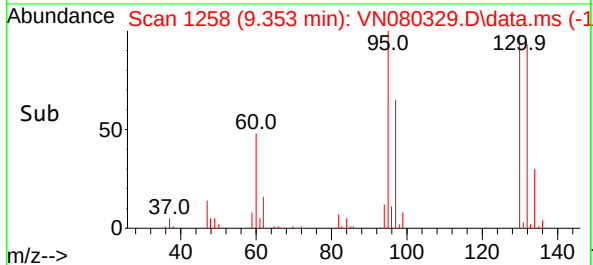
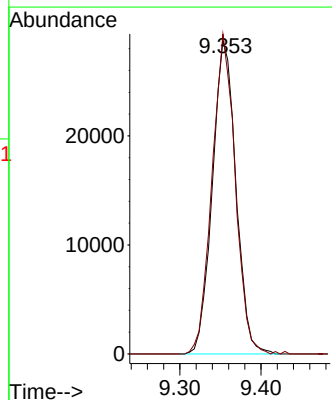
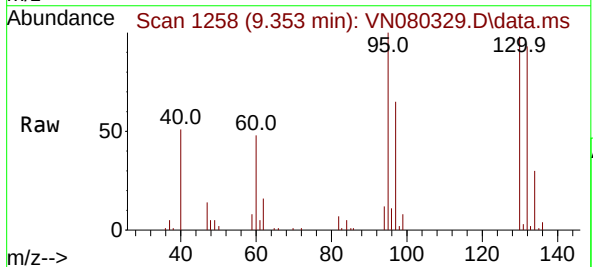
RT: 9.353 min Scan# 1258

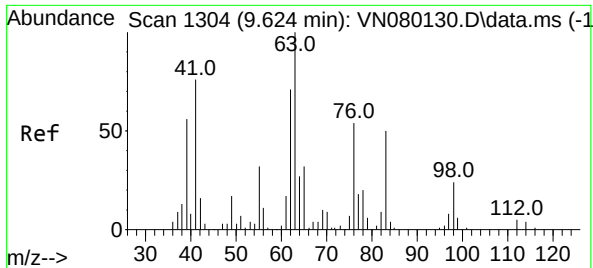
Delta R.T. -0.000 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Tgt Ion:130	Resp: 57981
Ion Ratio	Lower Upper
130	100
95	102.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.617 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

Tgt Ion: 63 Resp: 4663

Ion Ratio Lower Upper

63 100

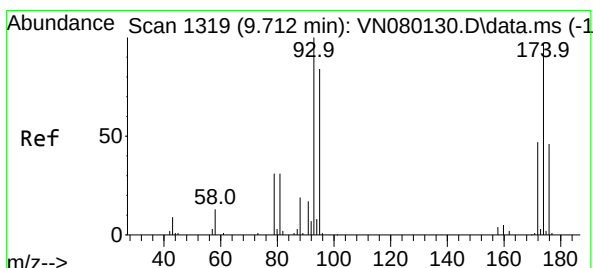
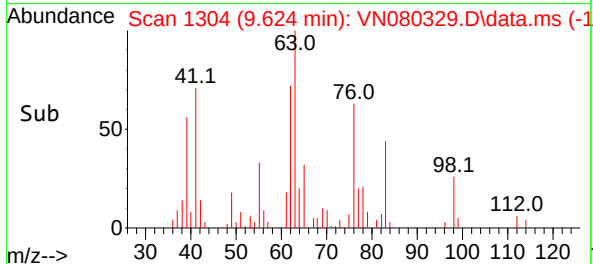
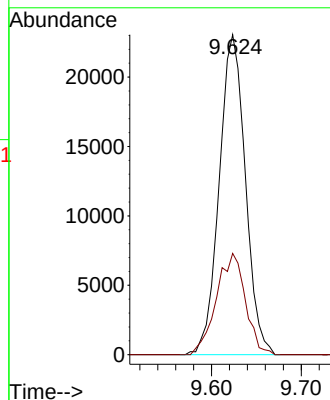
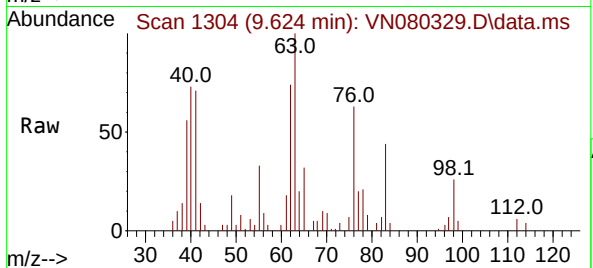
65 31.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#46

Dibromomethane

Concen: 21.322 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

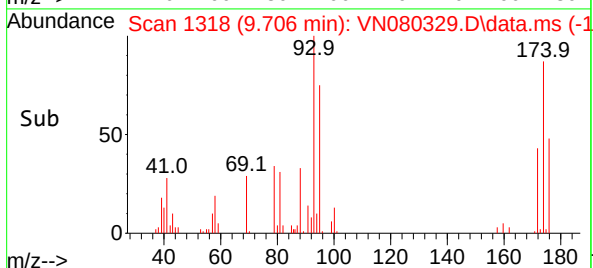
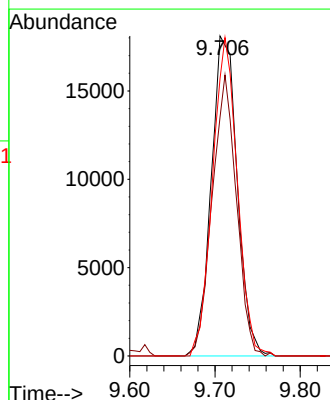
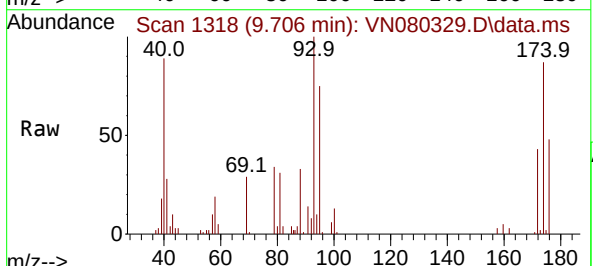
Tgt Ion: 93 Resp: 38369

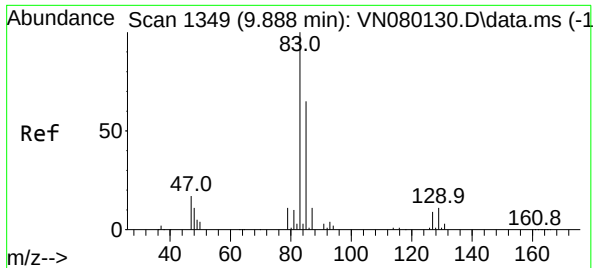
Ion Ratio Lower Upper

93 100

95 82.0 63.8 95.8

174 95.1 65.6 98.4





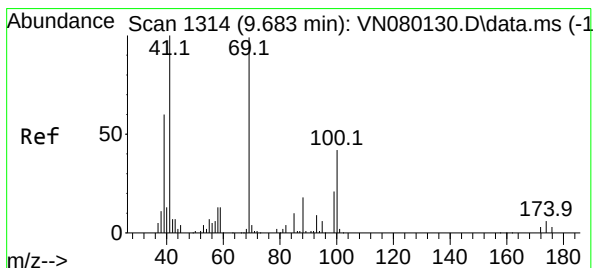
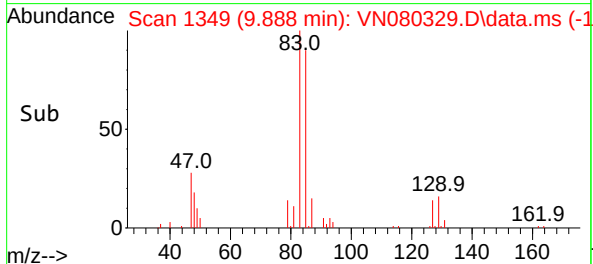
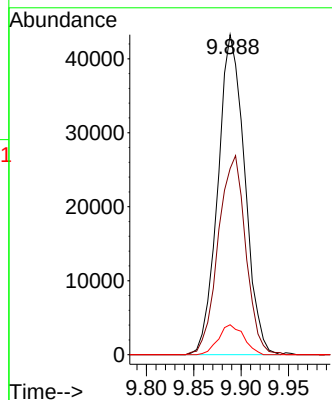
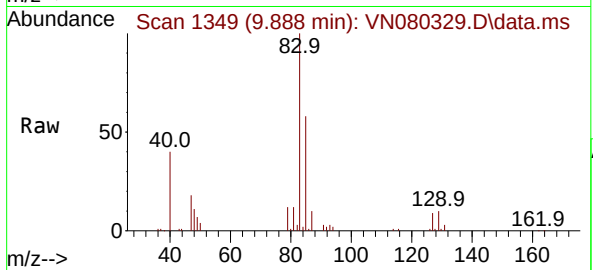
#47
Bromodichloromethane
Concen: 21.516 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion: 83 Resp: 85170
Ion Ratio Lower Upper
83 100
85 58.1 49.6 74.4
127 9.3 7.0 10.6

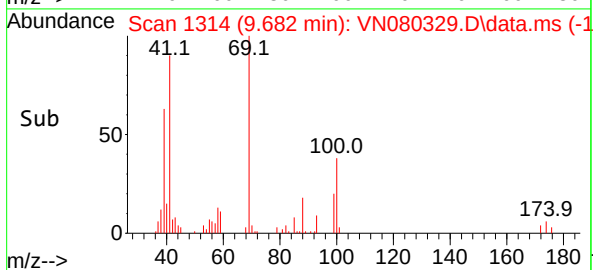
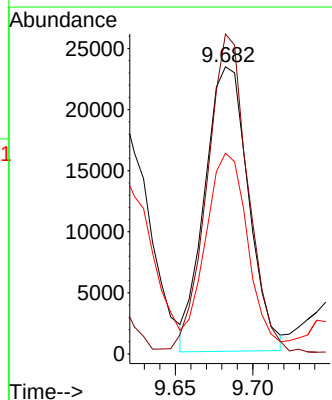
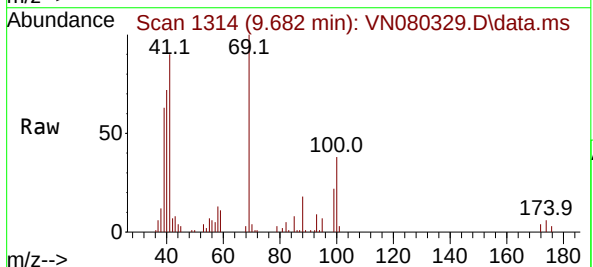
Manual Integrations
APPROVED

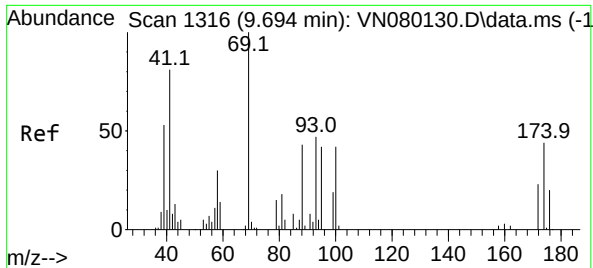
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#48
Methyl methacrylate
Concen: 18.259 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

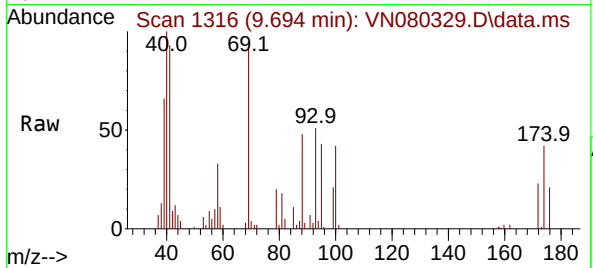
Tgt Ion: 41 Resp: 45715
Ion Ratio Lower Upper
41 100
69 104.7 90.4 135.6
39 69.3 54.6 81.8





#49
1,4-Dioxane
Concen: 393.941 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

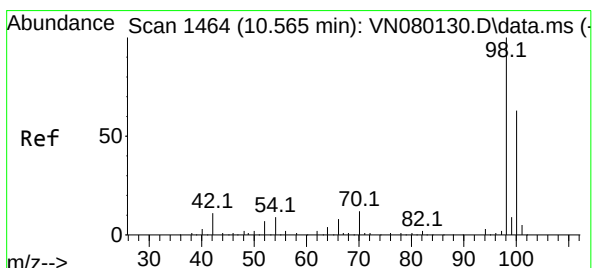
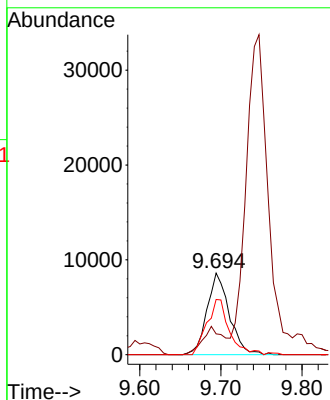
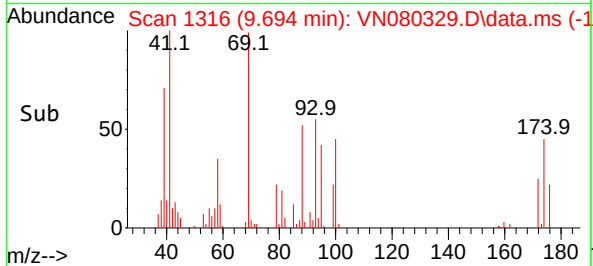
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



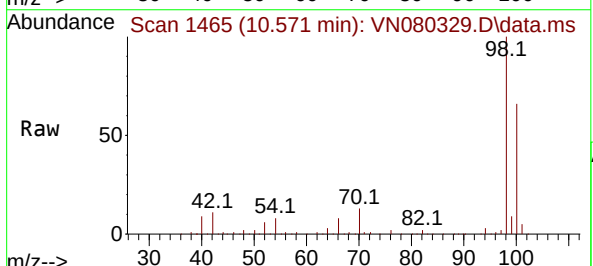
Tgt Ion: 88 Resp: 16408
Ion Ratio Lower Upper
88 100
43 33.9 17.0 25.6
58 67.7 47.0 70.4

Manual Integrations
APPROVED

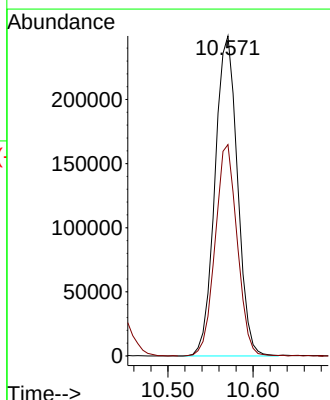
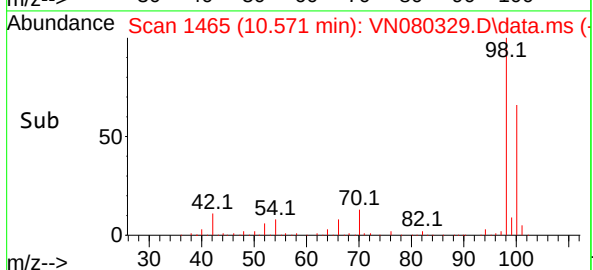
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

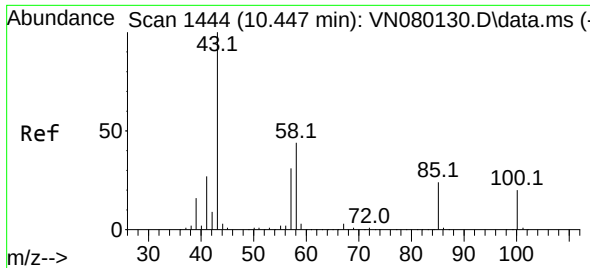


#50
Toluene-d8
Concen: 51.186 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25



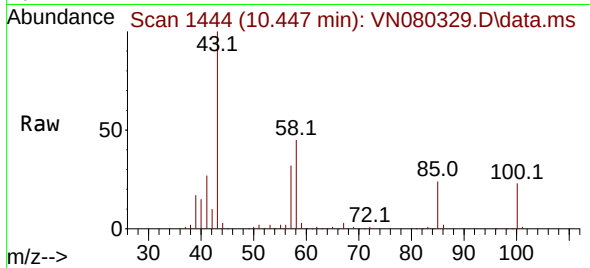
Tgt Ion: 98 Resp: 458703
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 94.154 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

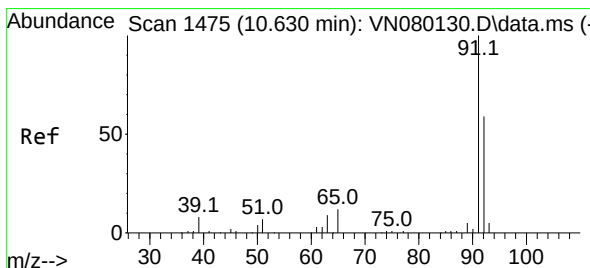
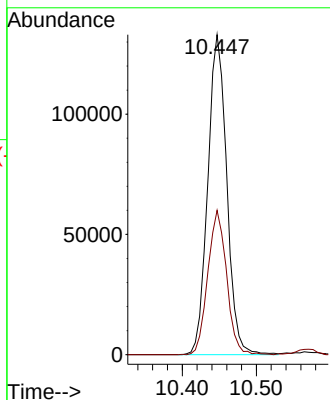
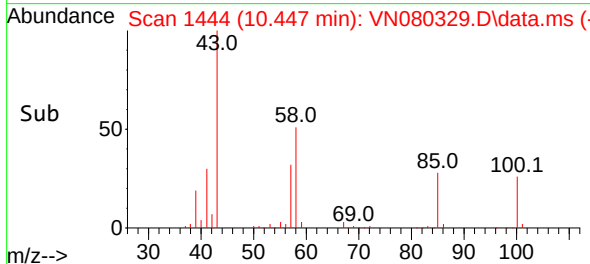
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



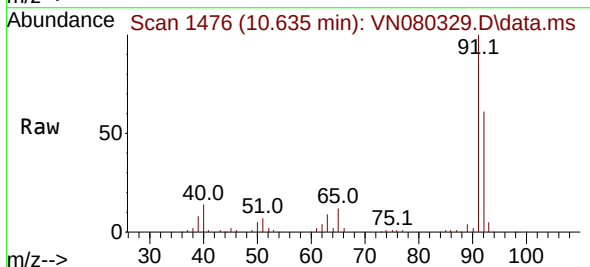
Tgt Ion: 43 Resp: 236817
Ion Ratio Lower Upper
43 100
58 44.7 36.6 54.8

Manual Integrations
APPROVED

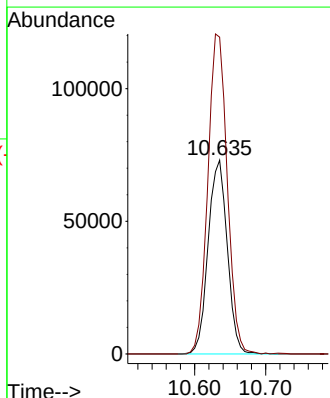
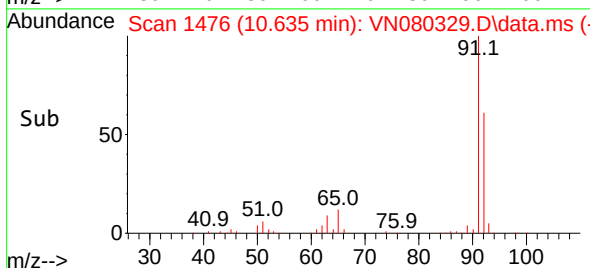
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

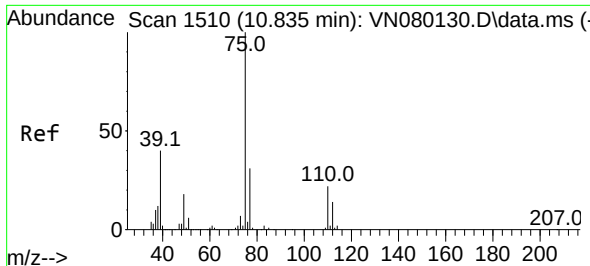


#52
Toluene
Concen: 21.325 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25



Tgt Ion: 92 Resp: 136517
Ion Ratio Lower Upper
92 100
91 167.4 137.4 206.0





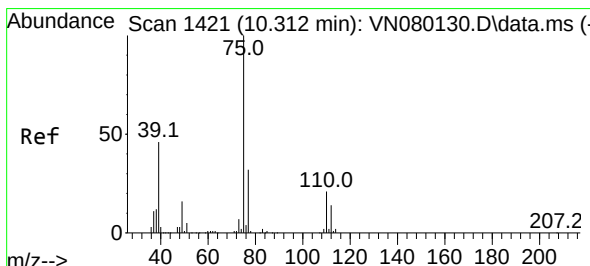
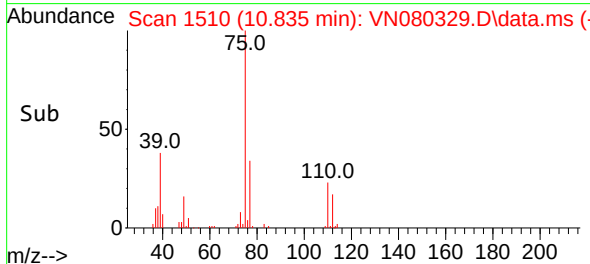
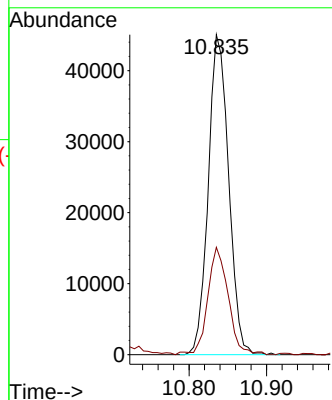
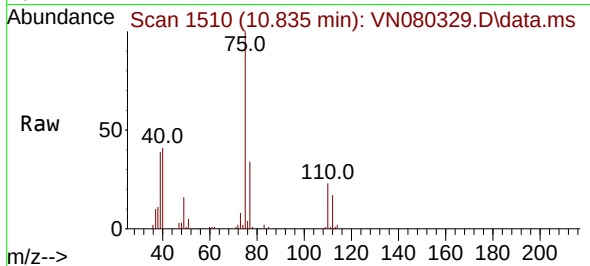
#53
t-1,3-Dichloropropene
Concen: 20.262 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion: 75 Resp: 82404
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0

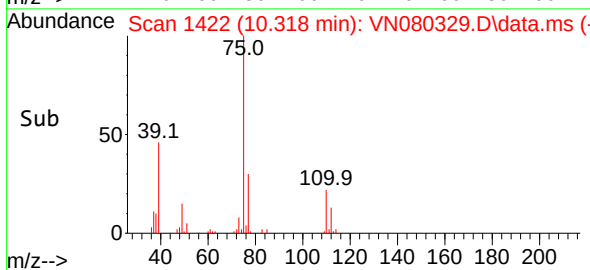
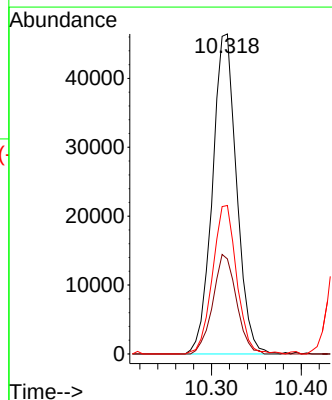
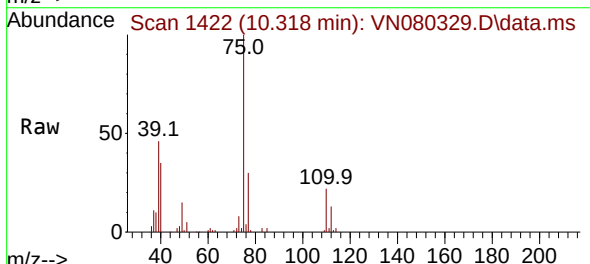
Manual Integrations
APPROVED

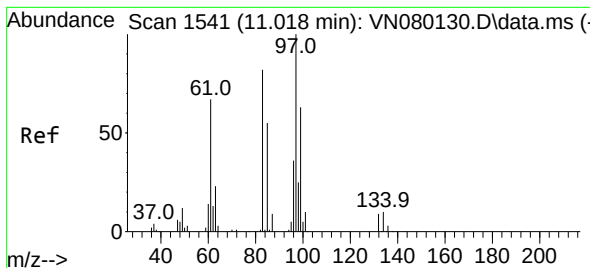
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#54
cis-1,3-Dichloropropene
Concen: 20.913 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

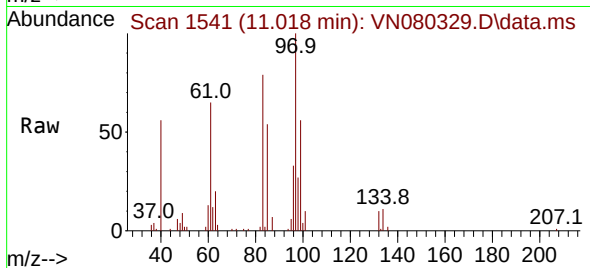
Tgt Ion: 75 Resp: 86895
Ion Ratio Lower Upper
75 100
77 29.7 26.1 39.1
39 46.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.659 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

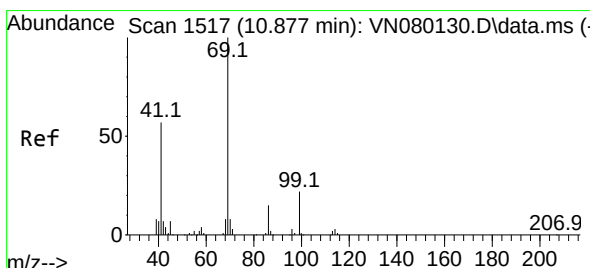
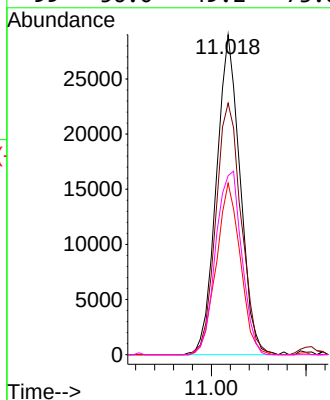
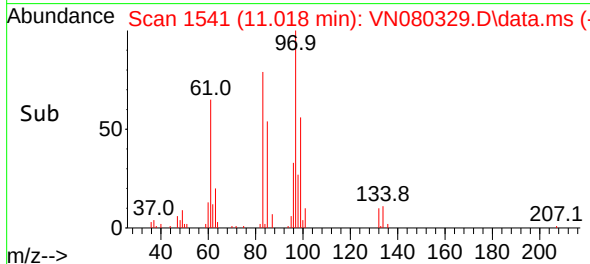
Instrument : MSVOA_N
ClientSampleId : VN1204WBS01



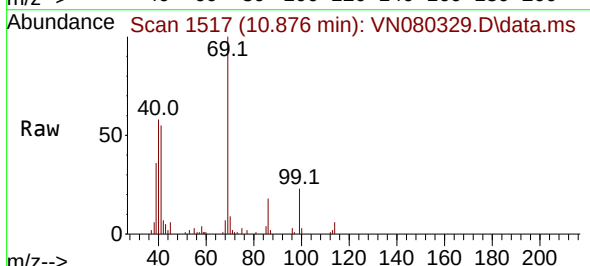
Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.6	65.1	97.7
85	53.6	43.4	65.2
99	56.0	49.2	73.8

Manual Integrations
APPROVED

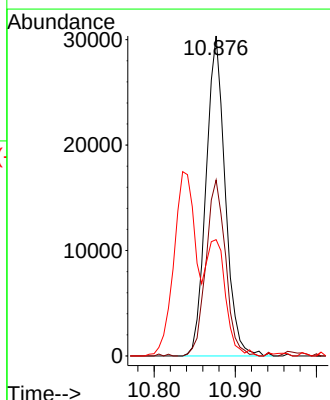
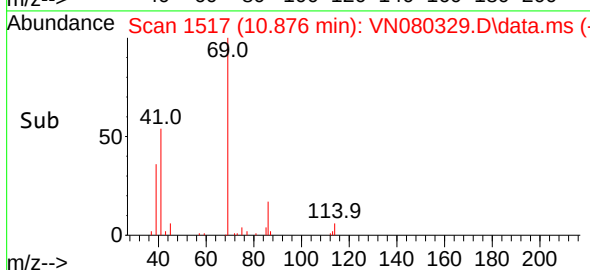
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

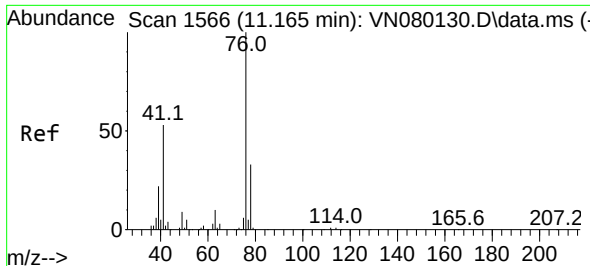


#56
Ethyl methacrylate
Concen: 19.946 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25



Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.2	39.6	59.4
39	36.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.702 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

Tgt Ion: 76 Resp: 8404

Ion Ratio Lower Upper

76 100

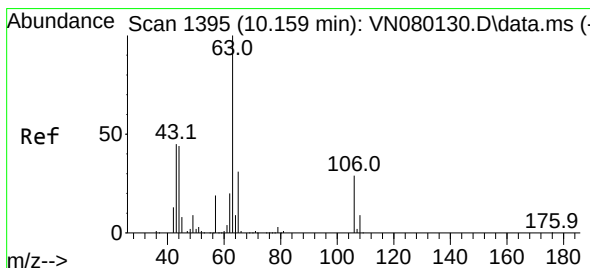
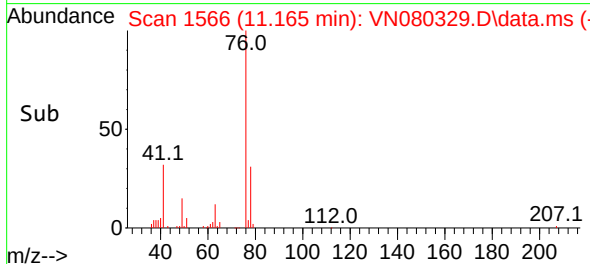
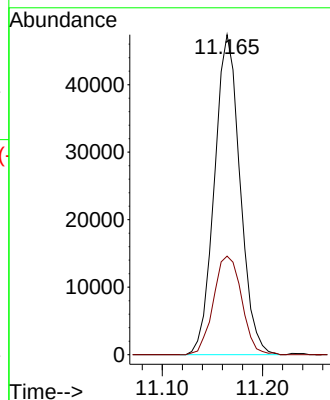
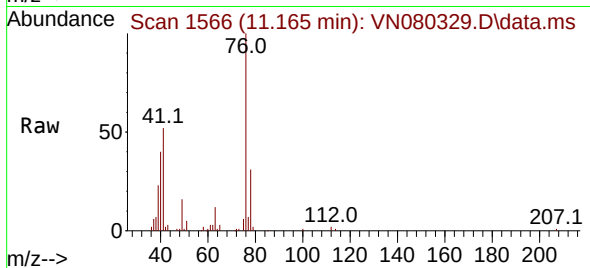
78 33.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#58

2-Chloroethyl Vinyl ether

Concen: 83.489 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080329.D

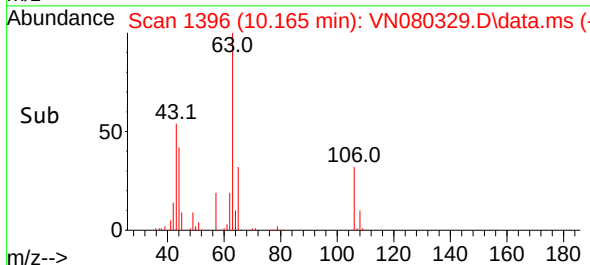
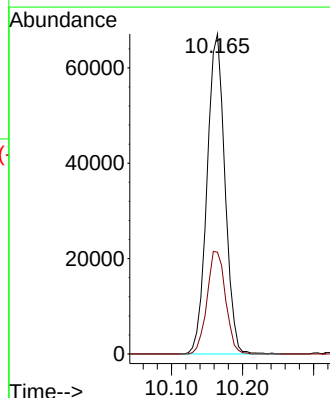
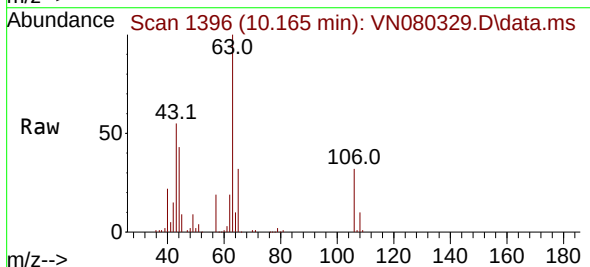
Acq: 04 Dec 2023 11:25

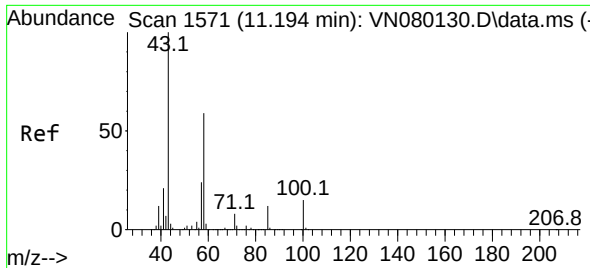
Tgt Ion: 63 Resp: 117406

Ion Ratio Lower Upper

63 100

106 33.2 26.2 39.4





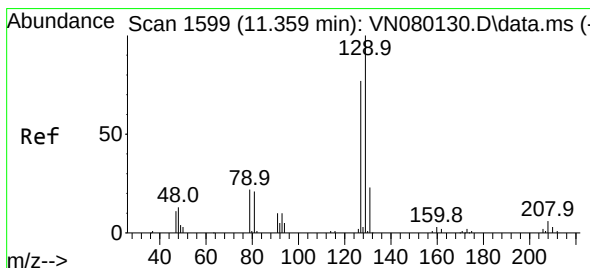
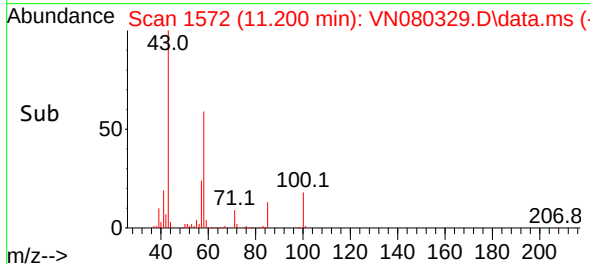
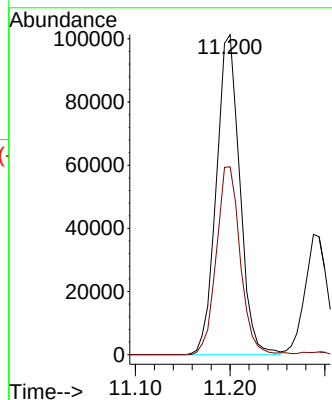
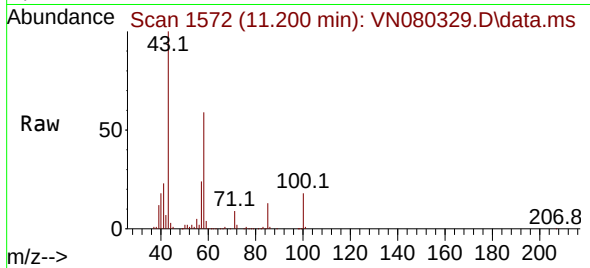
#59
2-Hexanone
Concen: 86.243 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion: 43 Resp: 17430
Ion Ratio Lower Upper
43 100
58 59.9 31.7 95.1

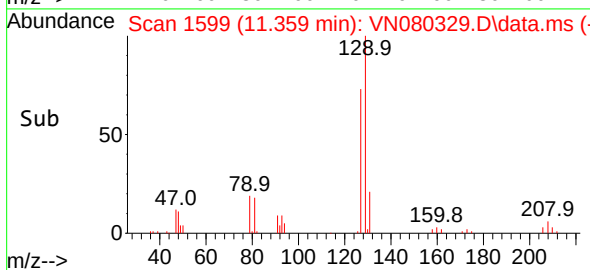
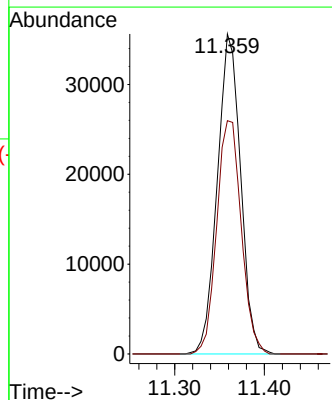
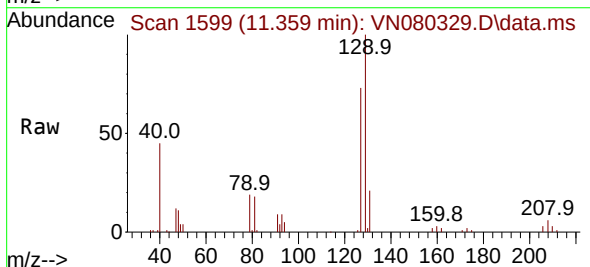
Manual Integrations
APPROVED

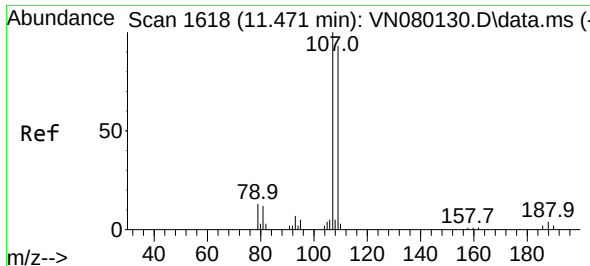
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#60
Dibromochloromethane
Concen: 21.953 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion:129 Resp: 64219
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





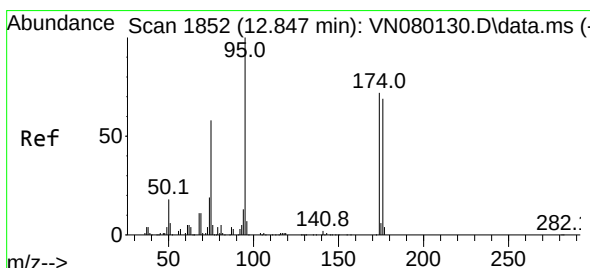
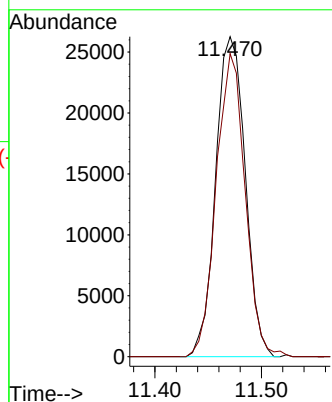
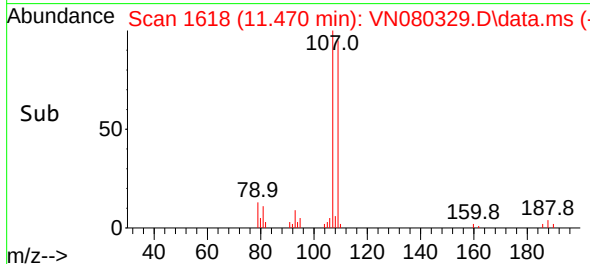
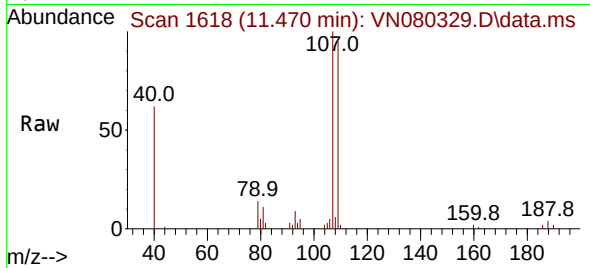
#61
1,2-Dibromoethane
Concen: 20.279 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion:107 Resp: 50548
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8

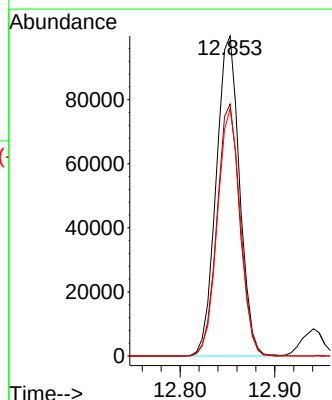
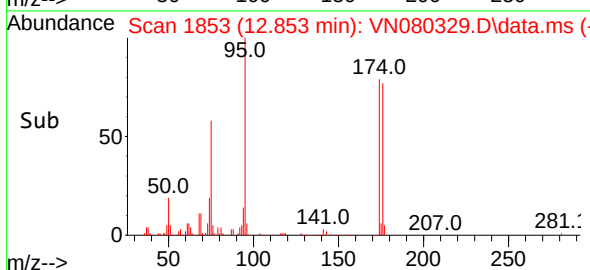
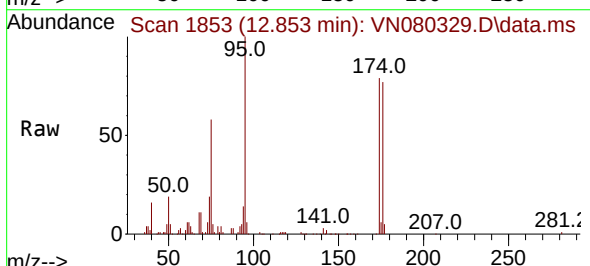
Manual Integrations
APPROVED

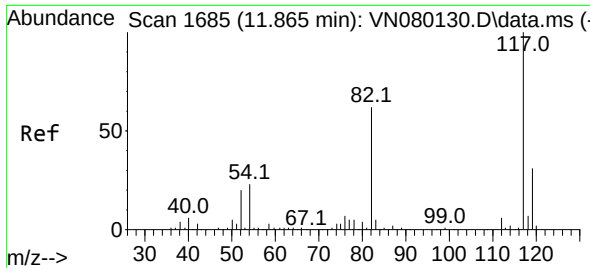
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#62
4-Bromofluorobenzene
Concen: 50.589 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

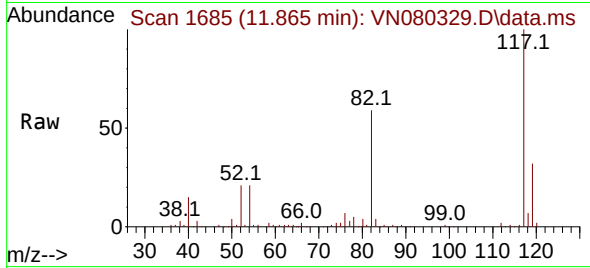
Tgt Ion: 95 Resp: 171240
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 75.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

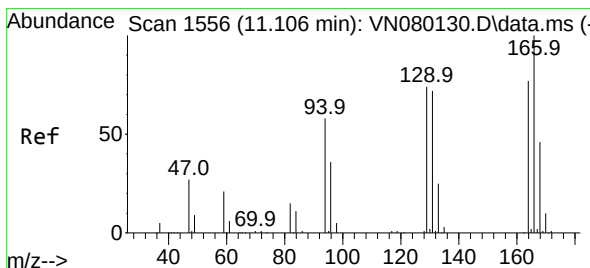
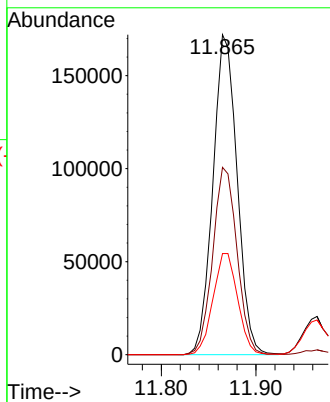
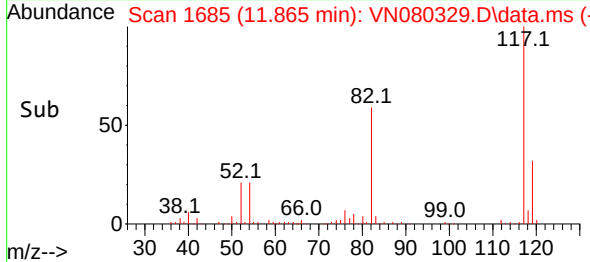
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



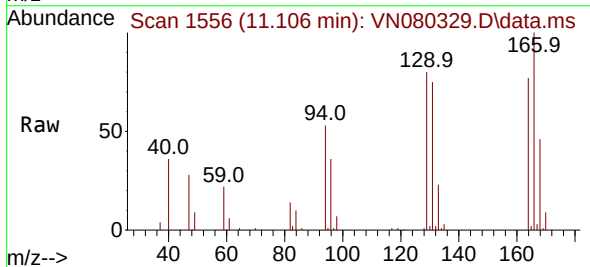
Tgt Ion:117 Resp: 30606
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 31.6 25.6 38.4

Manual Integrations
APPROVED

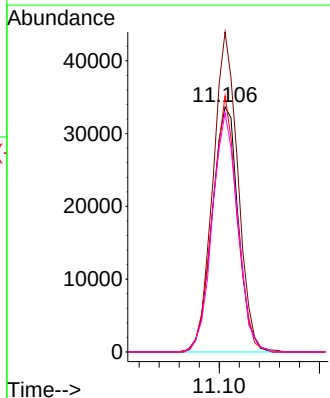
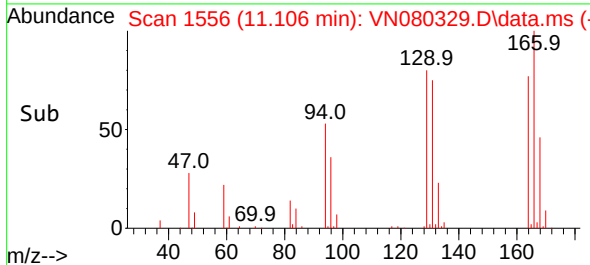
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

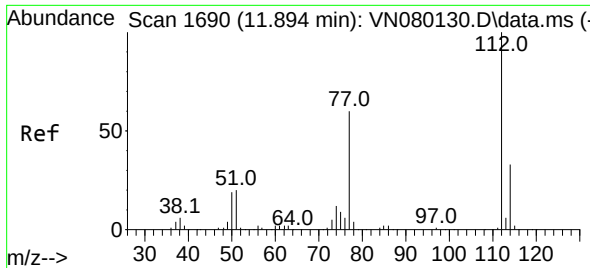


#64
Tetrachloroethene
Concen: 25.983 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25



Tgt Ion:164 Resp: 60689
Ion Ratio Lower Upper
164 100
166 130.6 101.4 152.0
129 104.5 82.4 123.6
131 97.5 78.2 117.4





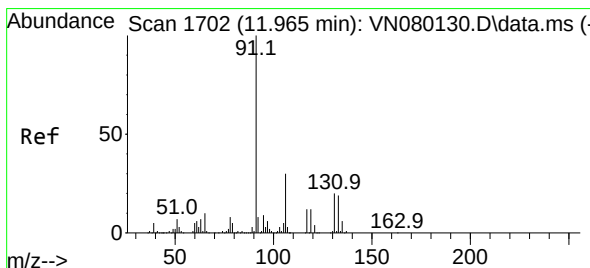
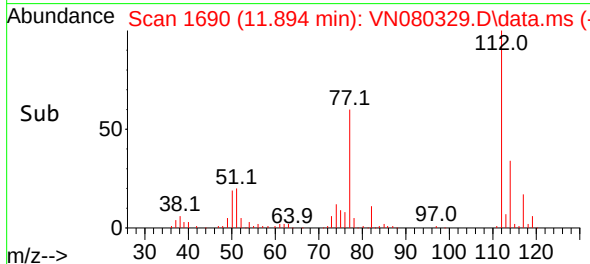
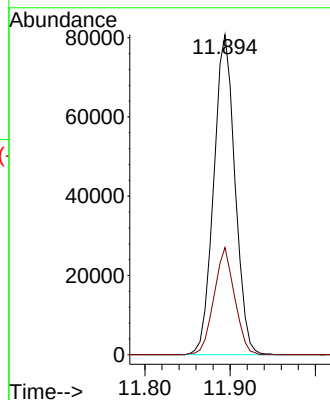
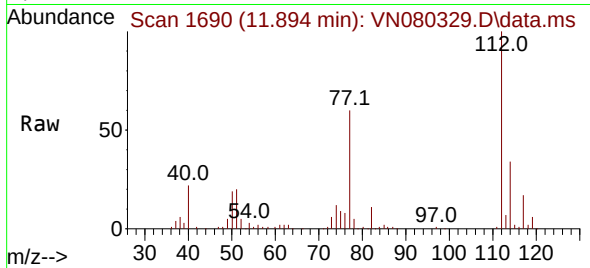
#65
Chlorobenzene
Concen: 20.165 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion:112 Resp: 139849
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.4

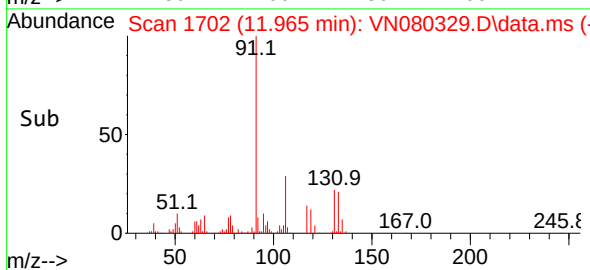
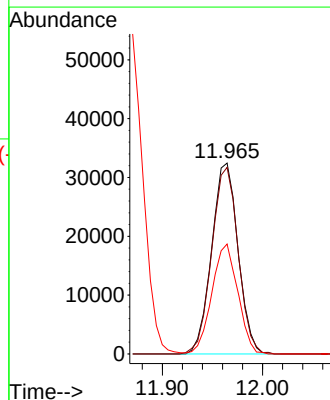
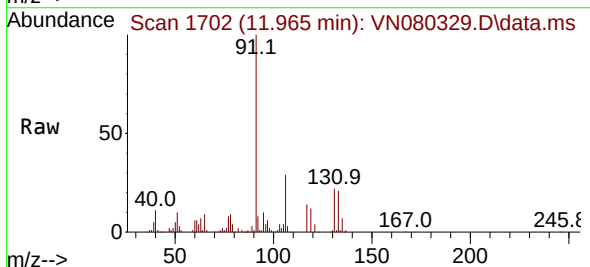
Manual Integrations
APPROVED

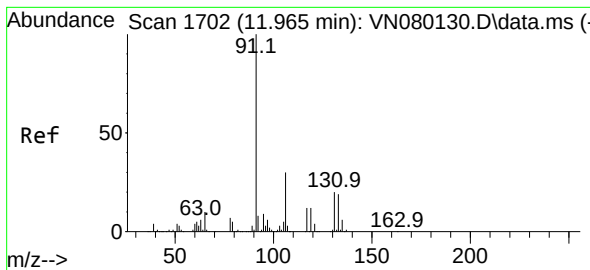
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 22.019 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion:131 Resp: 59258
Ion Ratio Lower Upper
131 100
133 97.7 46.4 139.1
119 56.5 34.1 102.2





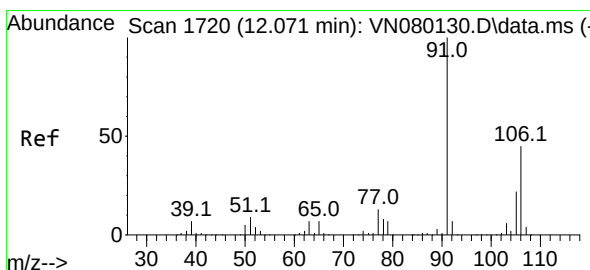
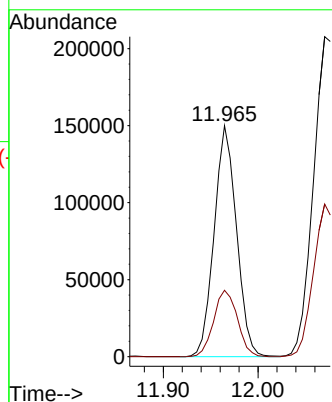
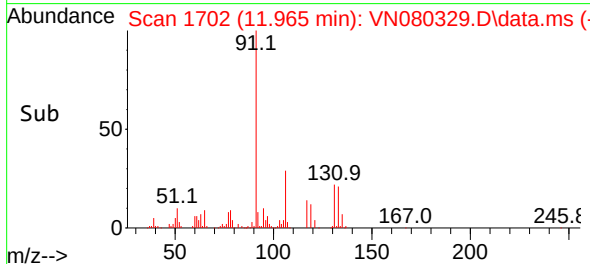
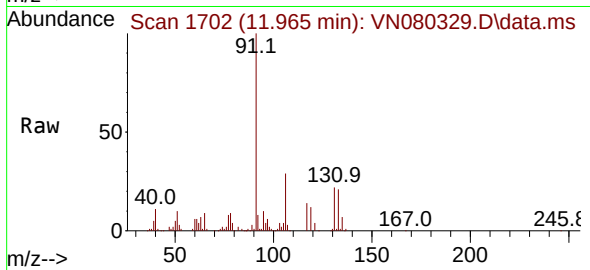
#67
Ethyl Benzene
Concen: 19.910 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion: 91 Resp: 245708
Ion Ratio Lower Upper
91 100
106 28.7 25.6 38.4

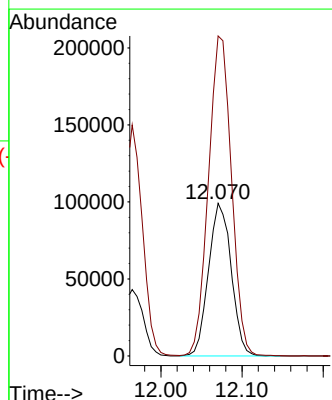
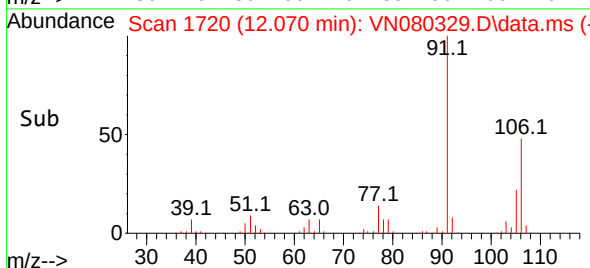
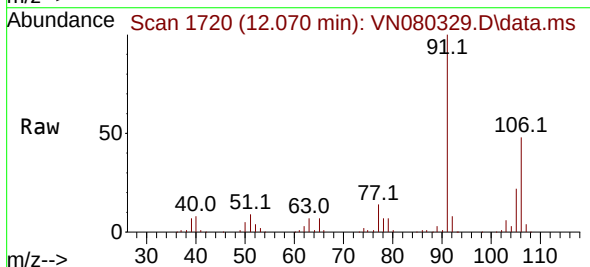
Manual Integrations
APPROVED

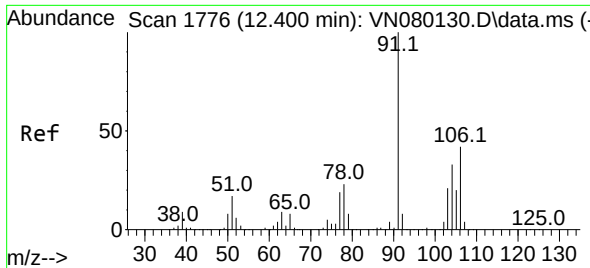
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#68
m/p-Xylenes
Concen: 42.832 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion:106 Resp: 192724
Ion Ratio Lower Upper
106 100
91 212.6 159.6 239.4





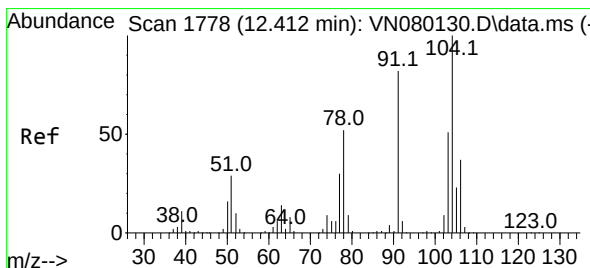
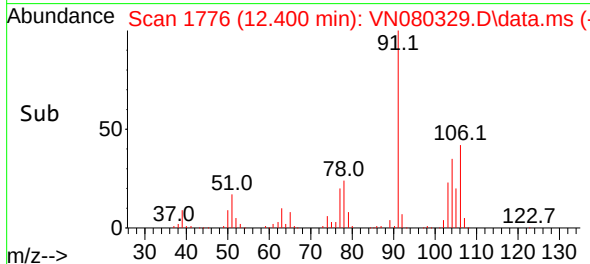
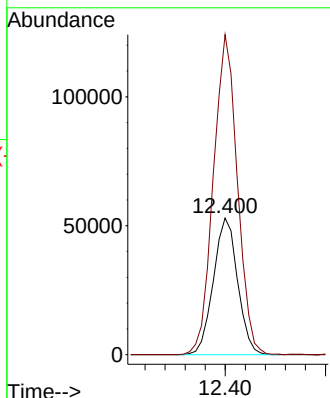
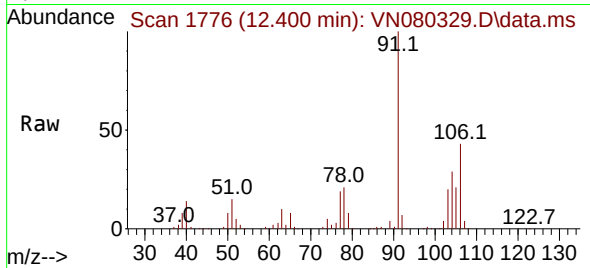
#69
o-Xylene
Concen: 20.919 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion:106 Resp: 88700
Ion Ratio Lower Upper
106 100
91 232.4 105.2 315.5

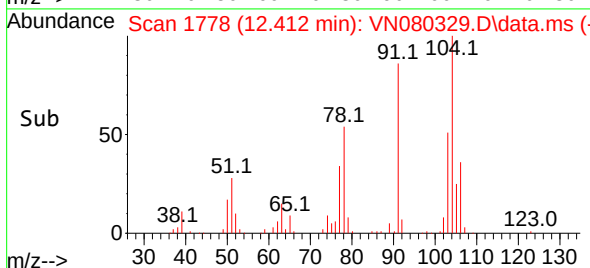
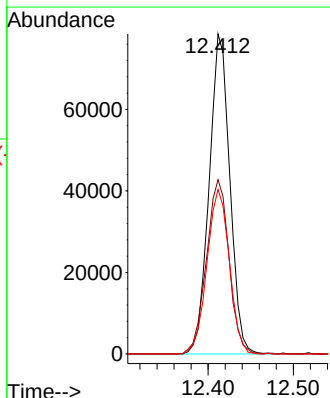
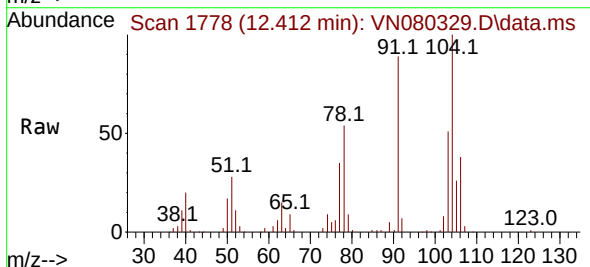
Manual Integrations
APPROVED

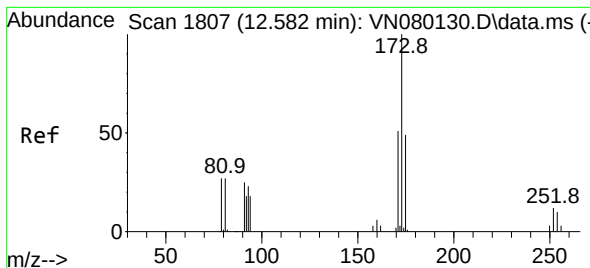
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#70
Styrene
Concen: 20.976 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion:104 Resp: 132386
Ion Ratio Lower Upper
104 100
78 59.4 39.5 59.3#
103 55.5 43.2 64.8





#71

Bromoform

Concen: 22.105 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

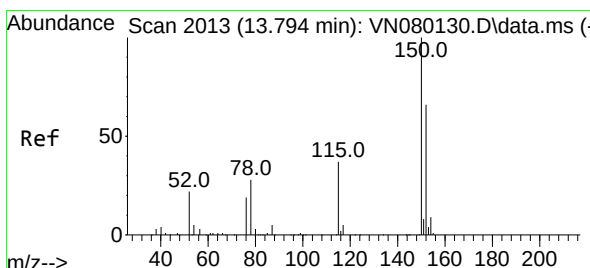
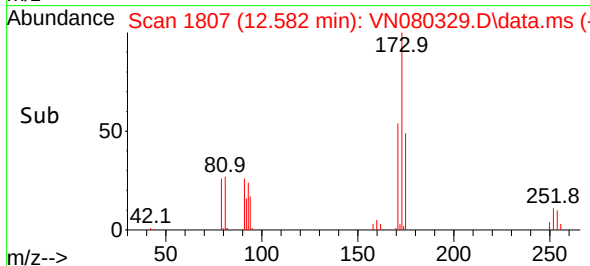
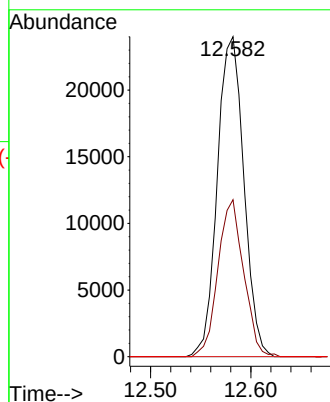
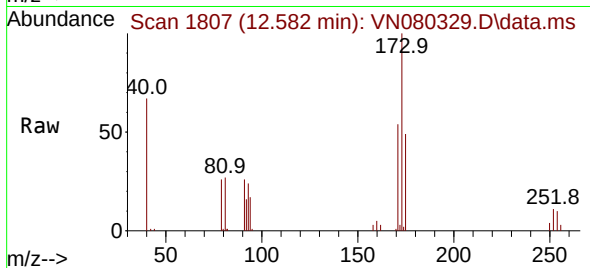
Tgt Ion:	173	Resp:	4411
Ion Ratio	Lower	Upper	
173	100		
175	47.5	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

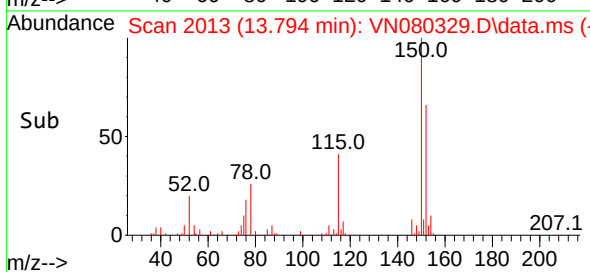
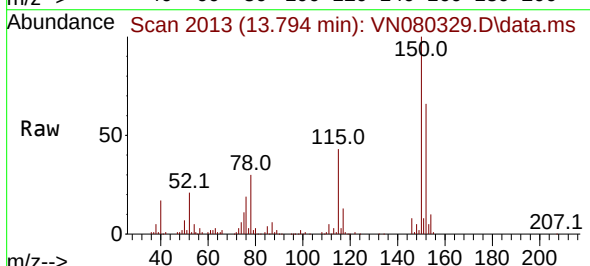
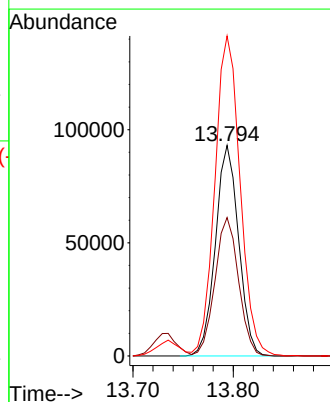
RT: 13.794 min Scan# 2013

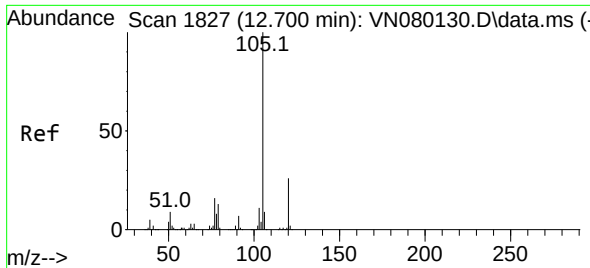
Delta R.T. -0.000 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

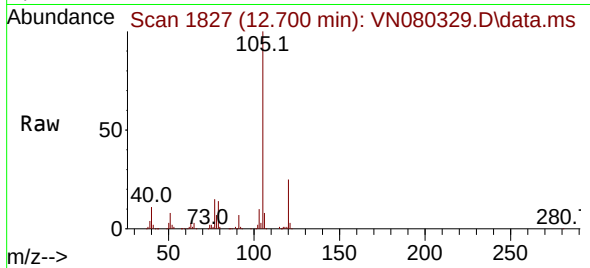
Tgt Ion:	152	Resp:	149485
Ion Ratio	Lower	Upper	
152	100		
115	66.9	32.3	96.8
150	165.2	0.0	355.8





#73
Isopropylbenzene
Concen: 20.417 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

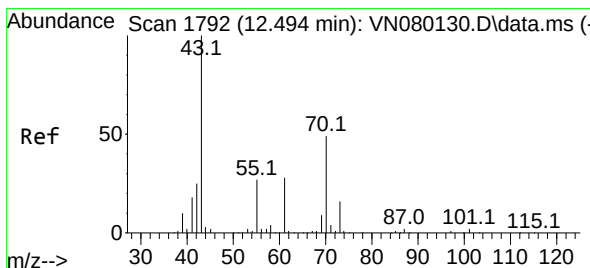
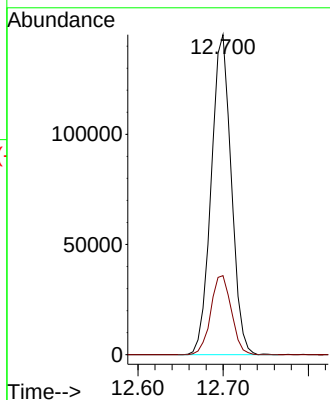
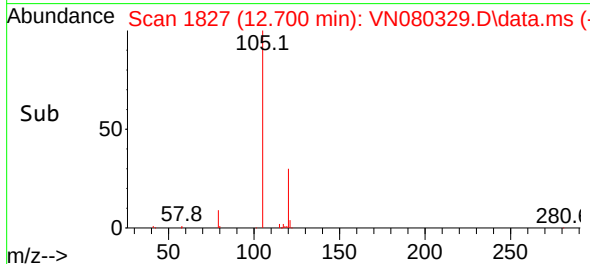
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



Tgt Ion:105 Resp: 237169
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

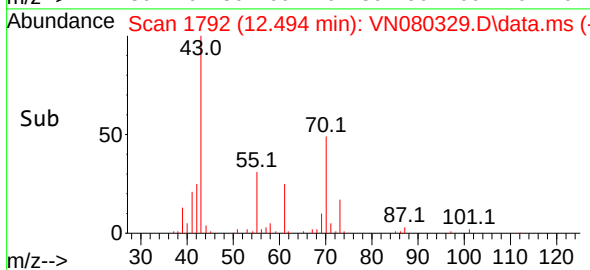
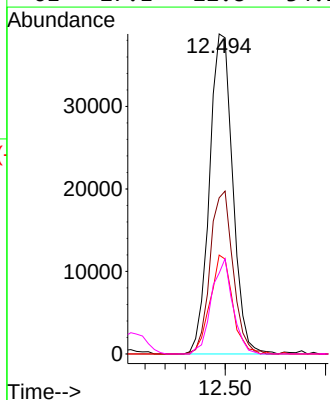
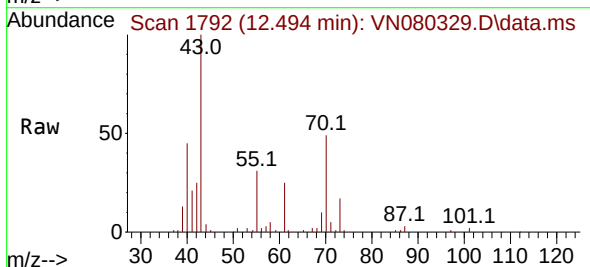
Manual Integrations
APPROVED

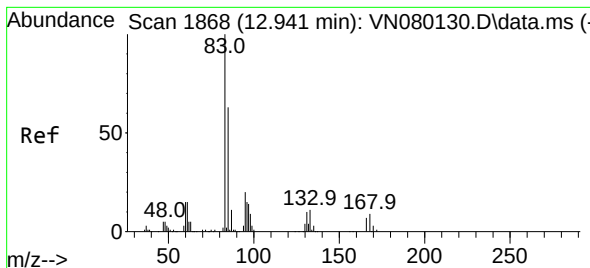
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#74
N-ethyl acetate
Concen: 17.270 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

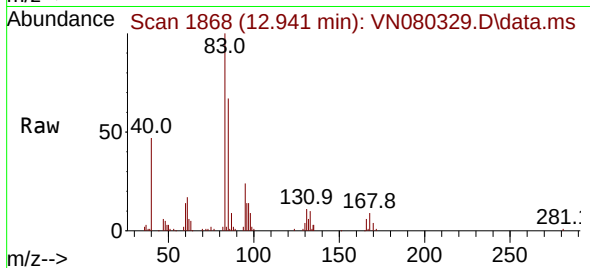
Tgt Ion: 43 Resp: 62558
Ion Ratio Lower Upper
43 100
70 50.2 43.4 65.2
55 29.7 21.4 32.0
61 27.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.705 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

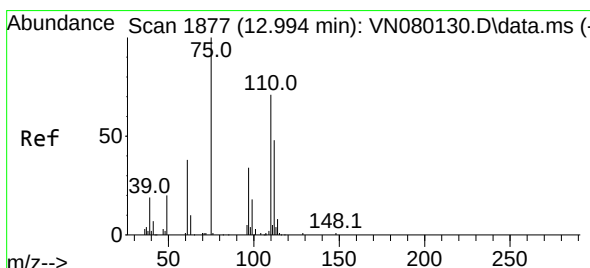
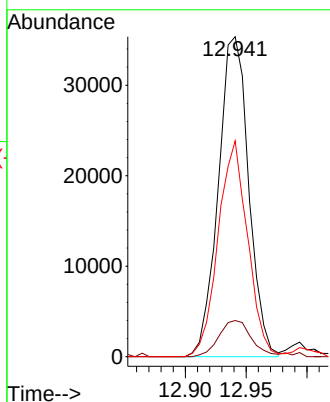
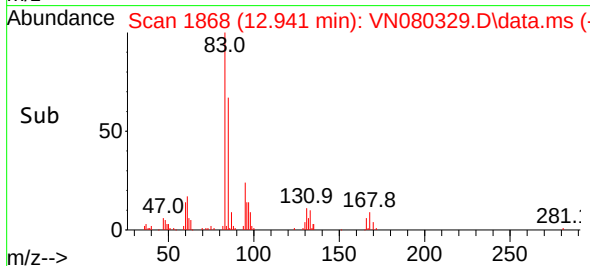
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



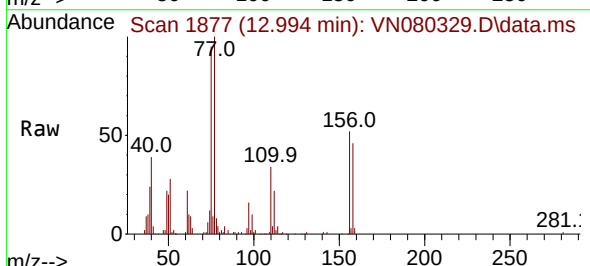
Tgt Ion: 83 Resp: 6155
Ion Ratio Lower Upper
83 100
131 12.1 5.0 15.0
85 65.3 31.9 95.7

Manual Integrations
APPROVED

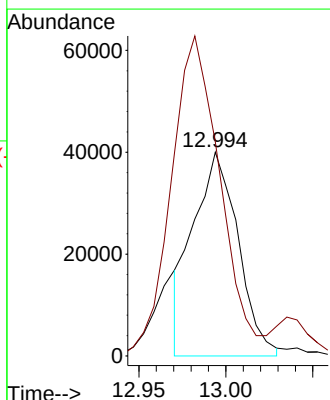
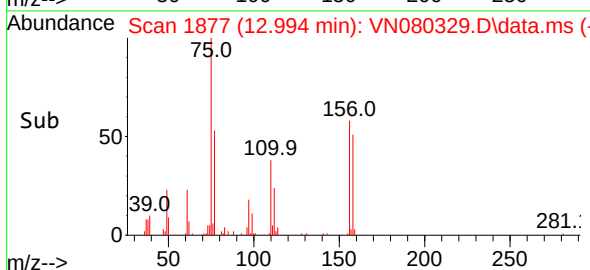
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

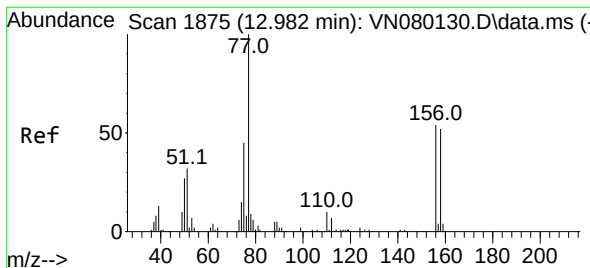


#76
1,2,3-Trichloropropane
Concen: 19.607 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25



Tgt Ion: 75 Resp: 71813
Ion Ratio Lower Upper
75 100
77 170.0 84.5 253.5





#77

Bromobenzene

Concen: 20.386 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

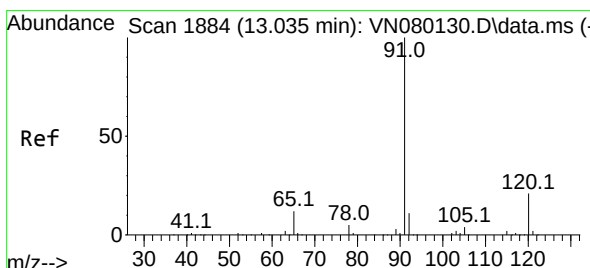
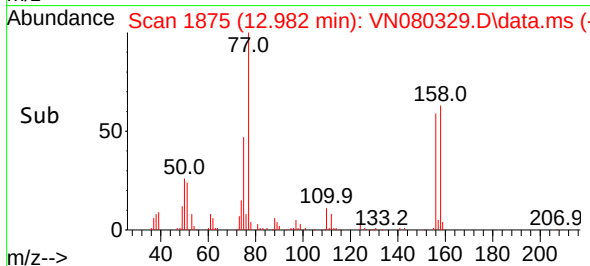
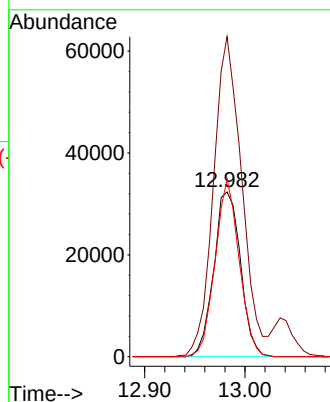
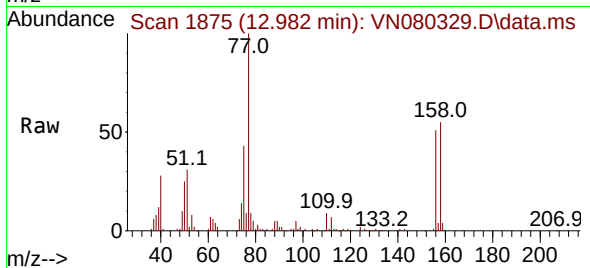
Tgt Ion:	156	Resp:	5970
Ion Ratio	Lower	Upper	
156	100		
77	204.5	107.7	323.3
158	97.4	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#78

n-propylbenzene

Concen: 20.234 ug/l

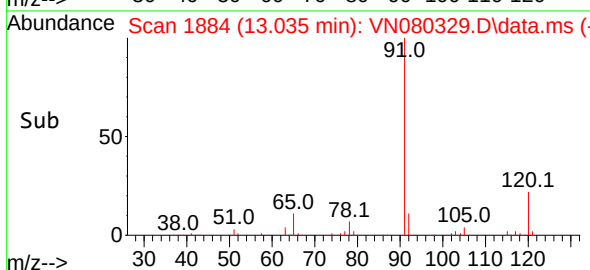
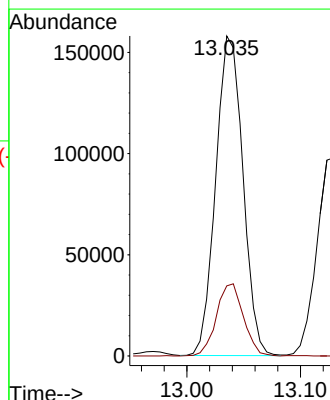
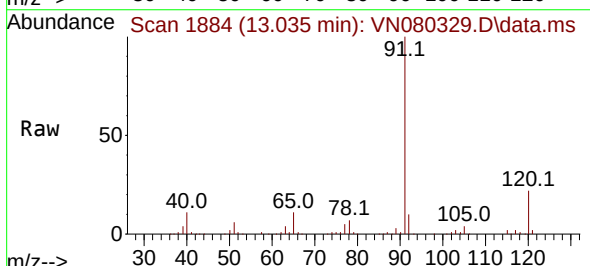
RT: 13.035 min Scan# 1884

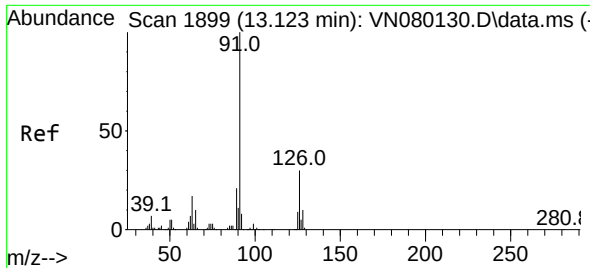
Delta R.T. -0.000 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Tgt Ion:	91	Resp:	262824
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4





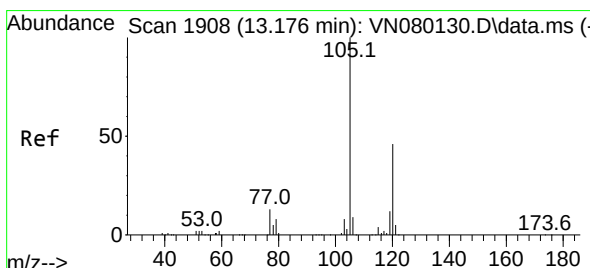
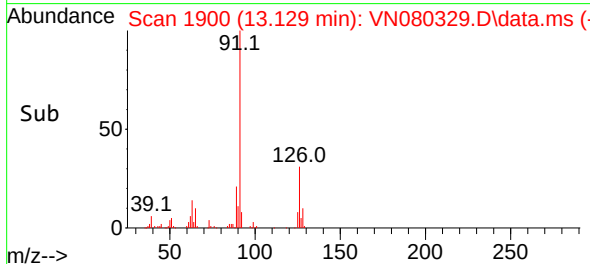
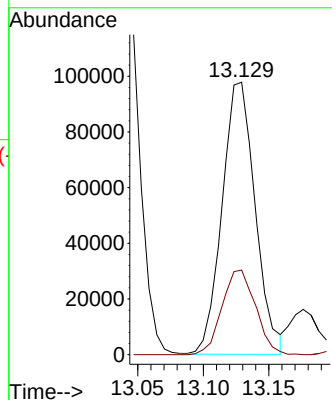
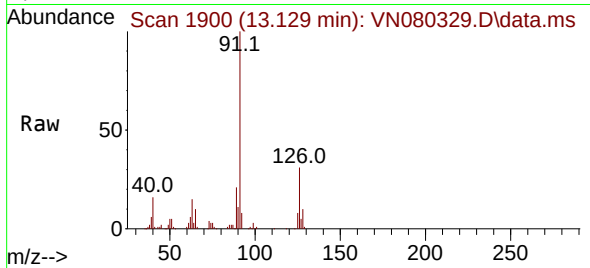
#79
2-Chlorotoluene
Concen: 20.385 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion: 91 Resp: 171975
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.8

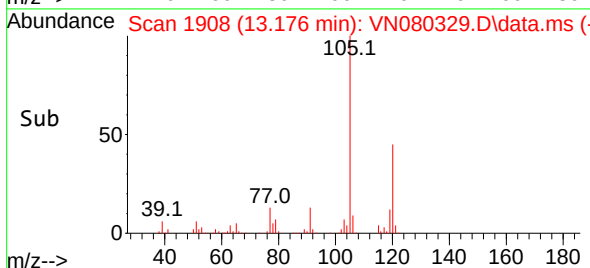
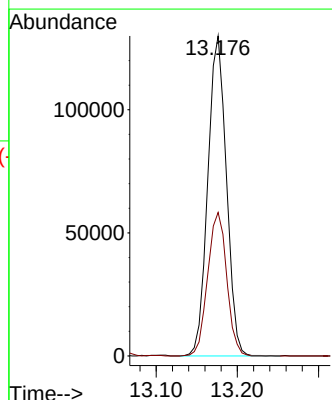
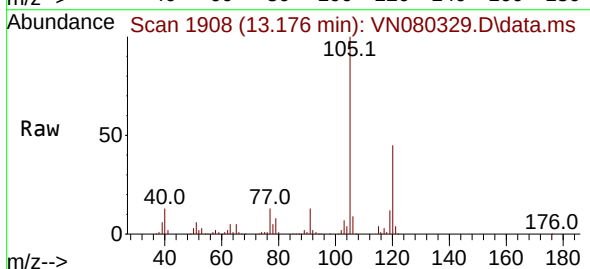
Manual Integrations
APPROVED

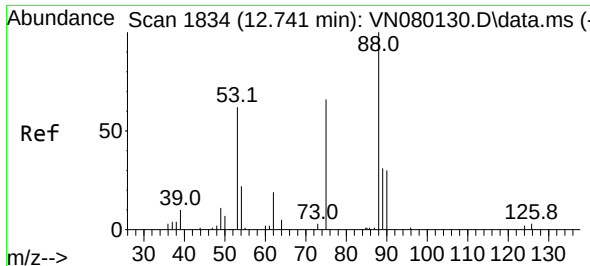
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.408 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

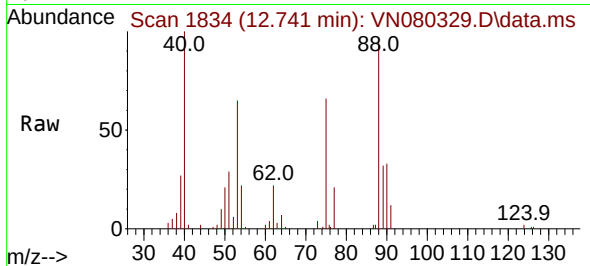
Tgt Ion:105 Resp: 206358
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.556 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

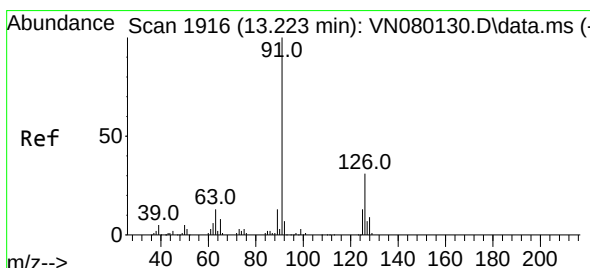
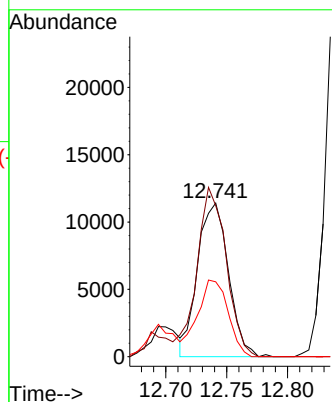
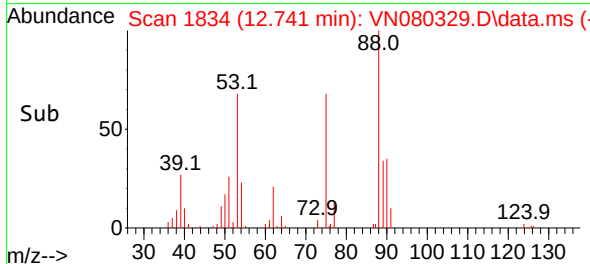
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



Tgt Ion: 75 Resp: 20110
Ion Ratio Lower Upper
75 100
53 105.5 67.4 101.2
89 49.6 38.8 58.2

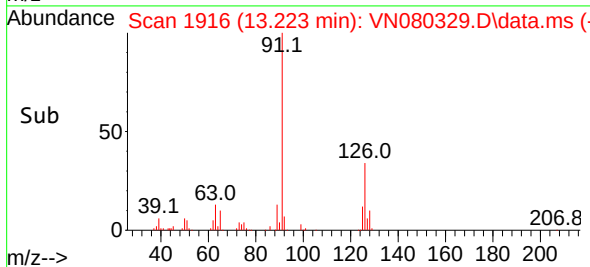
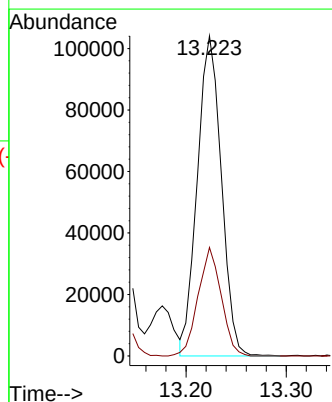
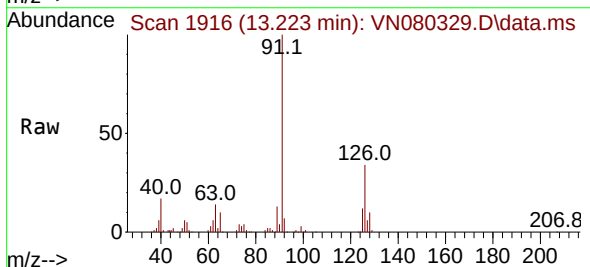
Manual Integrations
APPROVED

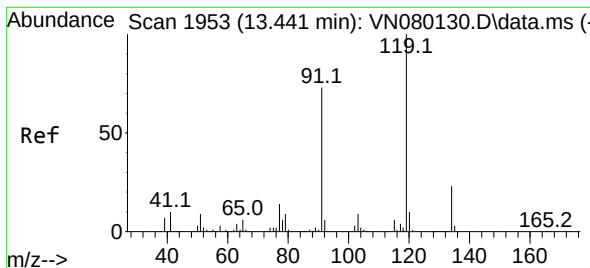
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#82
4-Chlorotoluene
Concen: 20.102 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion: 91 Resp: 173734
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0





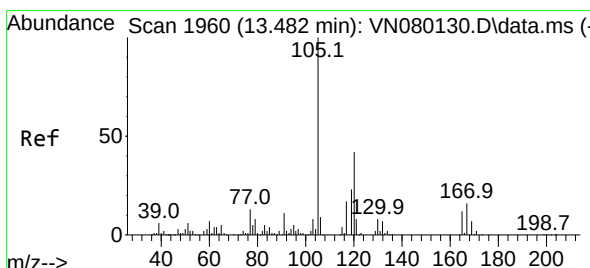
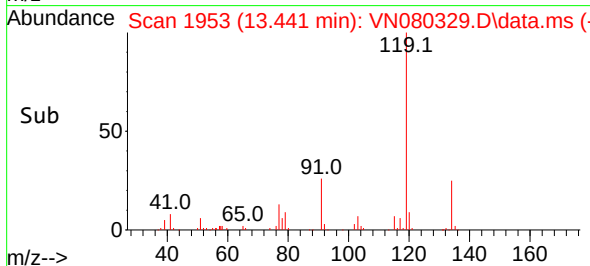
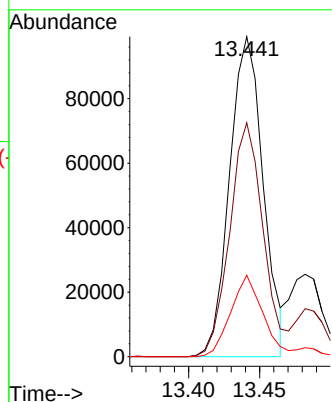
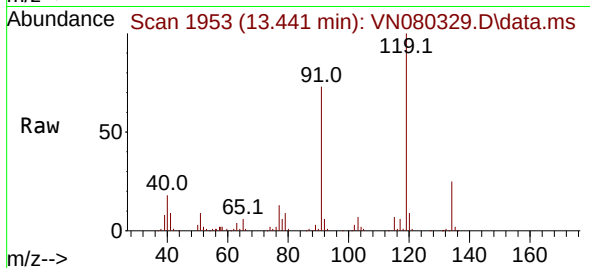
#83
tert-Butylbenzene
Concen: 20.136 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion:119 Resp: 16327
Ion Ratio Lower Upper
119 100
91 73.6 33.9 101.7
134 24.3 13.2 39.6

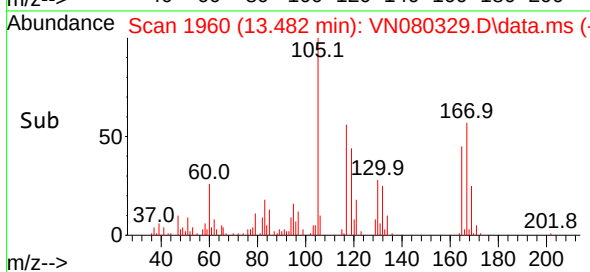
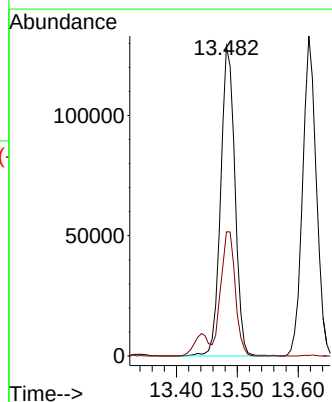
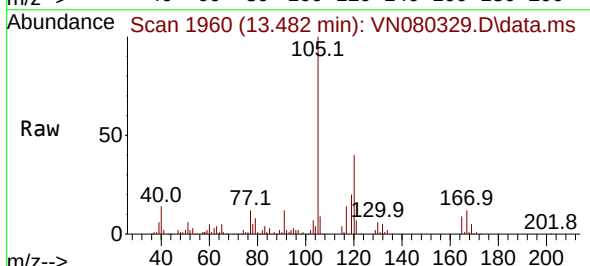
Manual Integrations
APPROVED

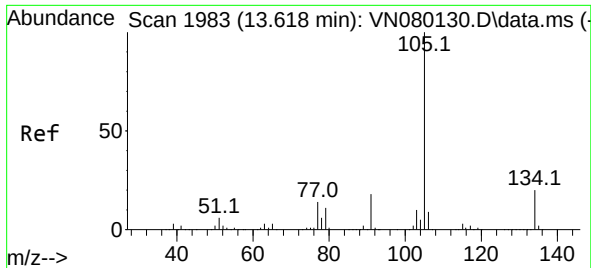
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.042 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion:105 Resp: 209506
Ion Ratio Lower Upper
105 100
120 40.4 22.0 66.0





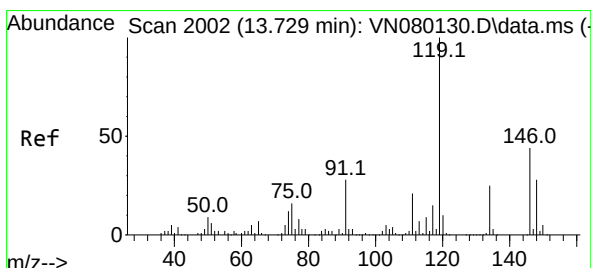
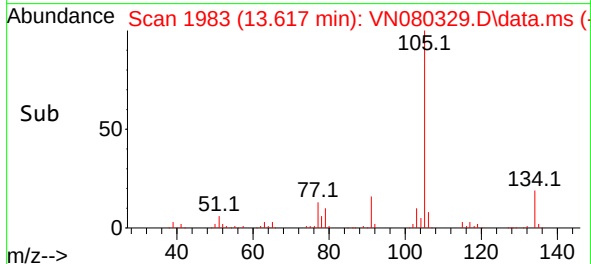
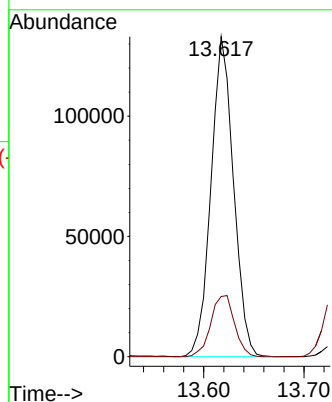
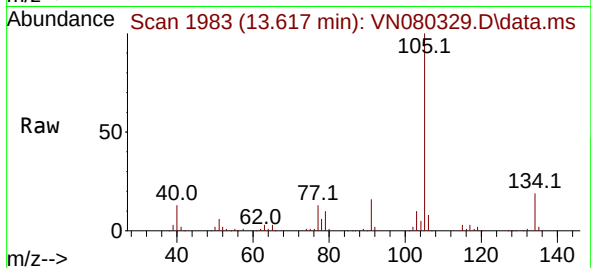
#85
 sec-Butylbenzene
 Concen: 20.201 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080329.D
 Acq: 04 Dec 2023 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBS01

Tgt Ion:105 Resp: 20721
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

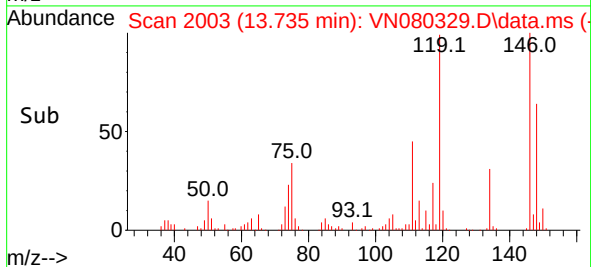
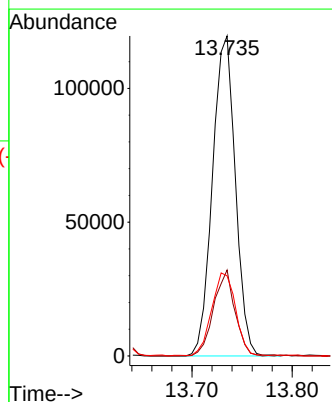
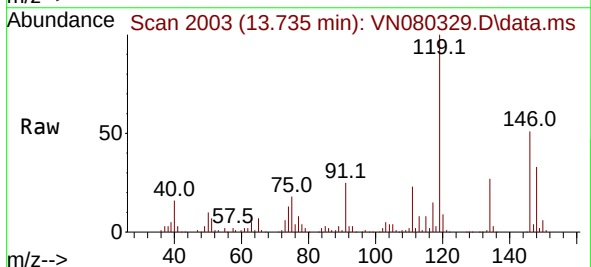
Manual Integrations
 APPROVED

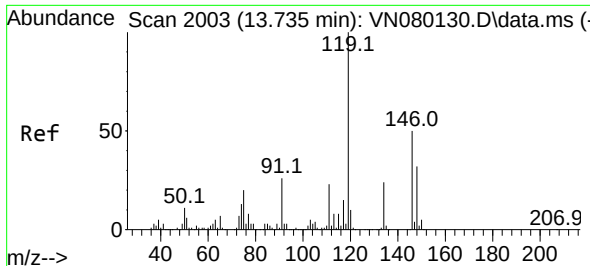
Reviewed By :John Carlone 12/05/2023
 Supervised By :Mahesh Dadoda 12/05/2023



#86
 p-Isopropyltoluene
 Concen: 20.703 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080329.D
 Acq: 04 Dec 2023 11:25

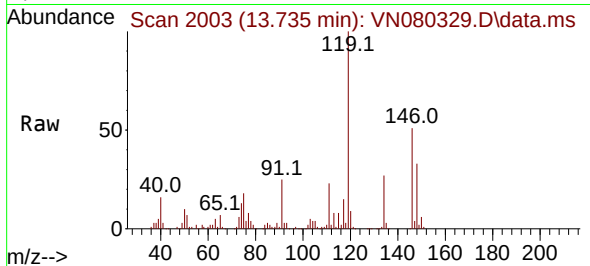
Tgt Ion:119 Resp: 189716
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 27.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.471 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

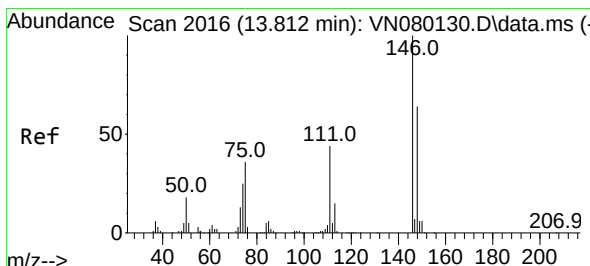
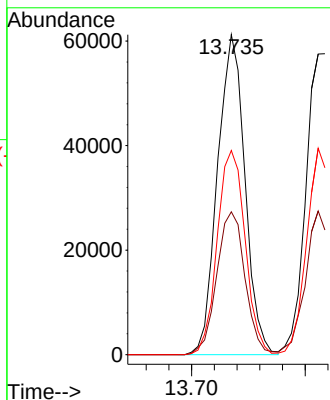
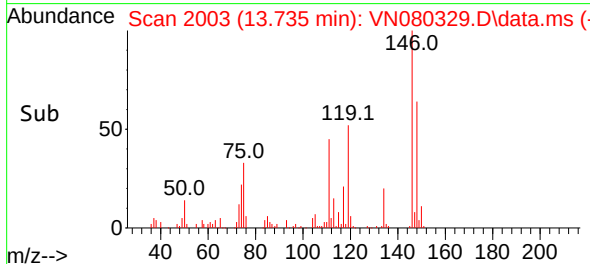
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



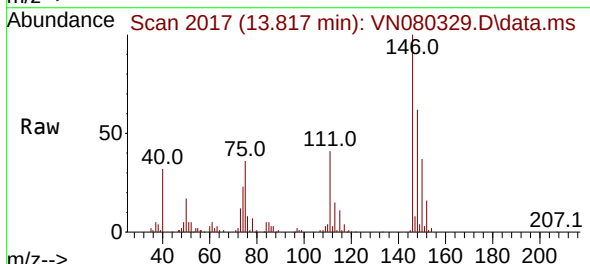
Tgt Ion:146 Resp: 102738
Ion Ratio Lower Upper
146 100
111 46.2 22.1 66.3
148 64.8 32.0 96.0

Manual Integrations
APPROVED

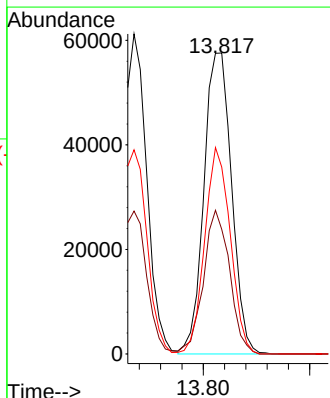
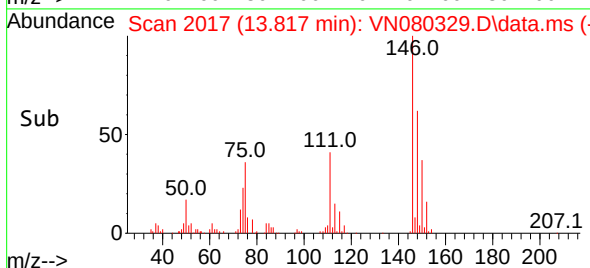
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

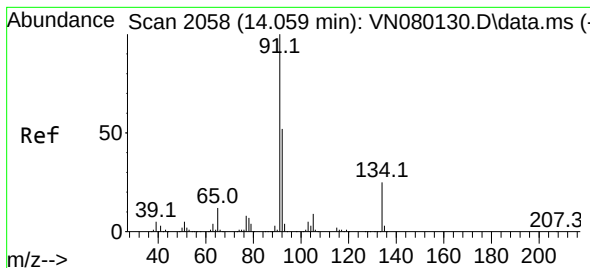


#88
1,4-Dichlorobenzene
Concen: 19.637 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25



Tgt Ion:146 Resp: 104129
Ion Ratio Lower Upper
146 100
111 45.1 20.6 61.8
148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 18.400 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

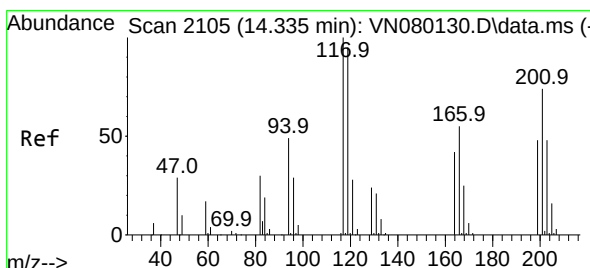
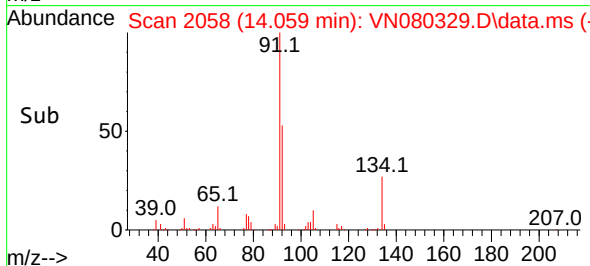
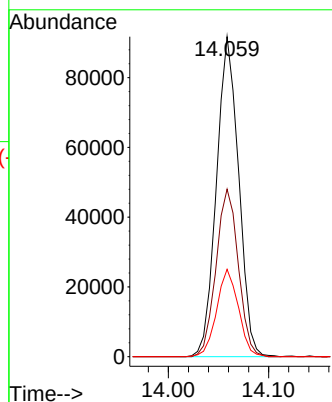
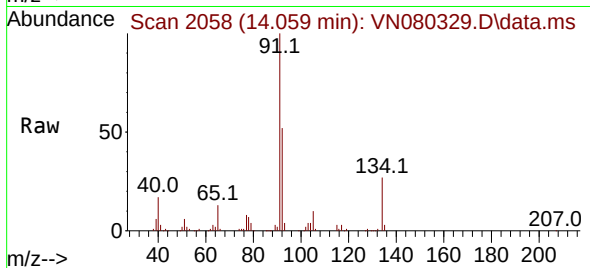
Tgt Ion:	91	Resp:	141128
Ion Ratio	Lower	Upper	
91	100		
92	52.5	26.4	79.0
134	26.8	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#90

Hexachloroethane

Concen: 19.417 ug/l

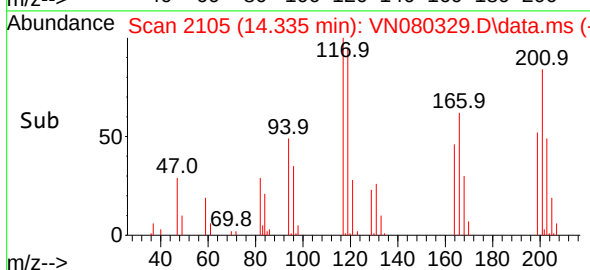
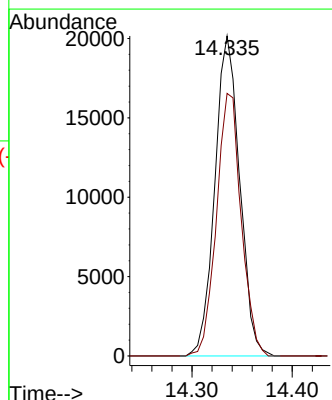
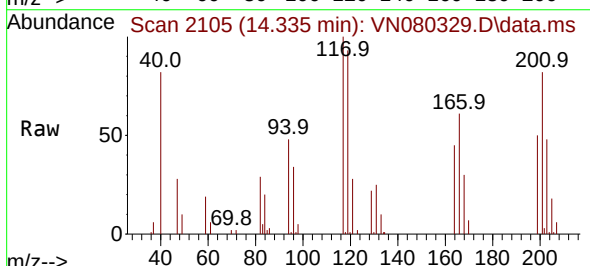
RT: 14.335 min Scan# 2105

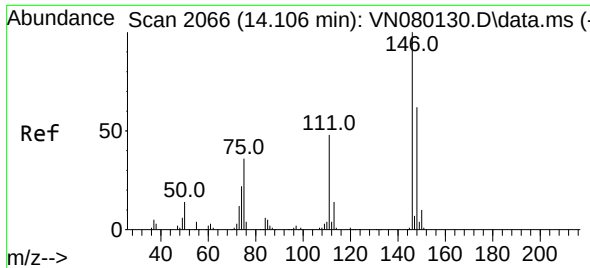
Delta R.T. -0.000 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Tgt Ion:	117	Resp:	34687
Ion Ratio	Lower	Upper	
117	100		
201	81.5	29.3	88.0





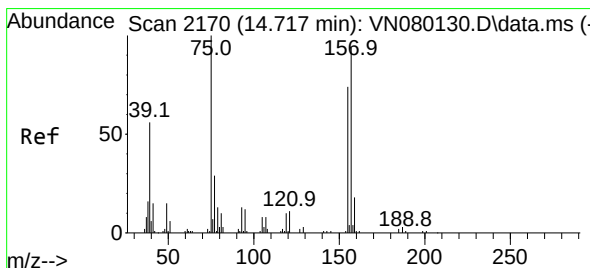
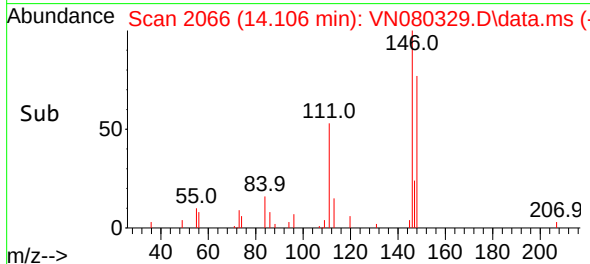
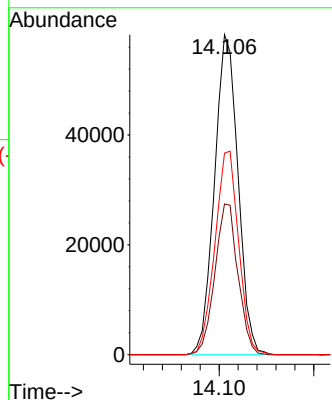
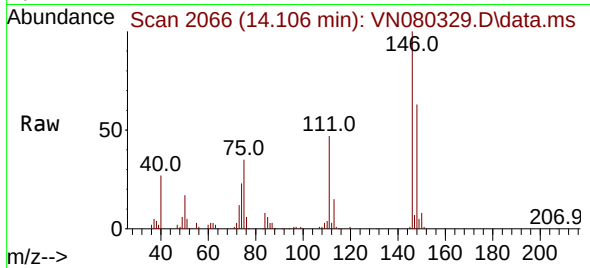
#91
1,2-Dichlorobenzene
Concen: 19.932 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01

Tgt Ion:146 Resp: 100644
Ion Ratio Lower Upper
146 100
111 46.2 22.0 66.0
148 64.2 31.8 95.3

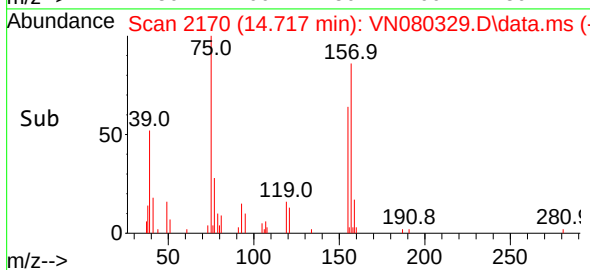
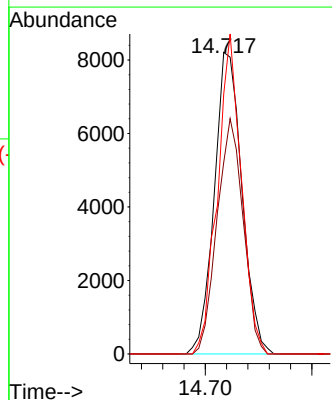
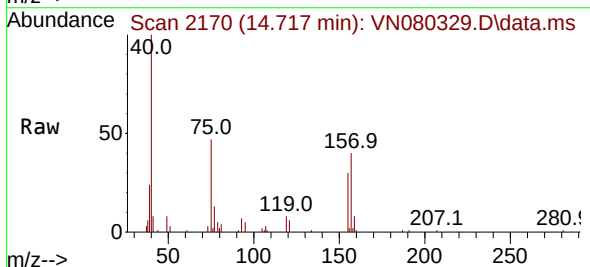
Manual Integrations
APPROVED

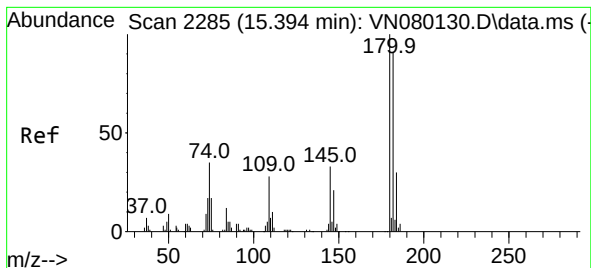
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.368 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion: 75 Resp: 14833
Ion Ratio Lower Upper
75 100
155 73.5 39.1 117.2
157 91.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.771 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBS01

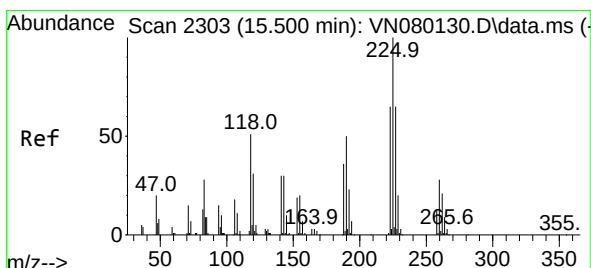
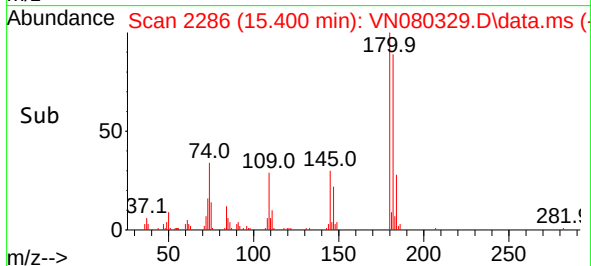
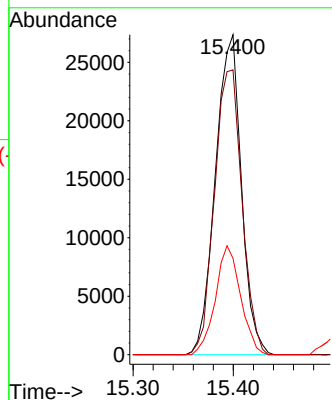
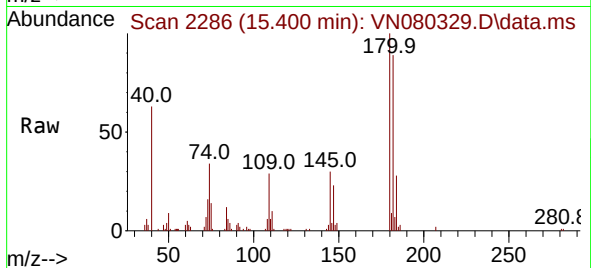
Tgt Ion:	180	Resp:	4925
Ion Ratio	Lower	Upper	
180	100		
182	94.2	46.1	138.2
145	33.0	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#94

Hexachlorobutadiene

Concen: 17.849 ug/l

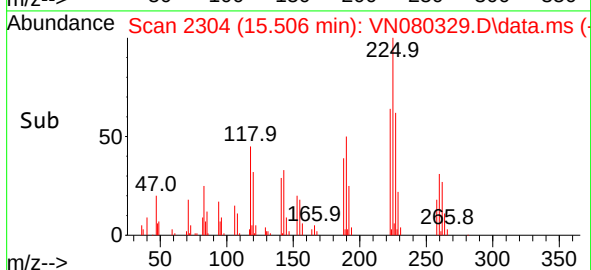
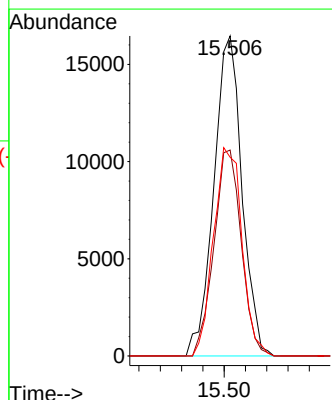
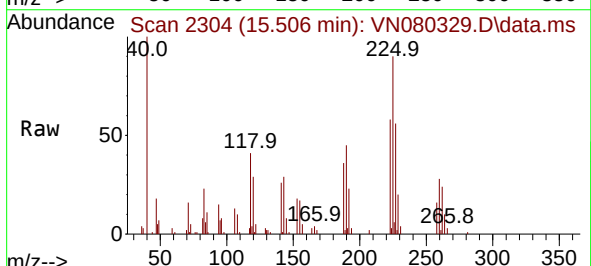
RT: 15.506 min Scan# 2304

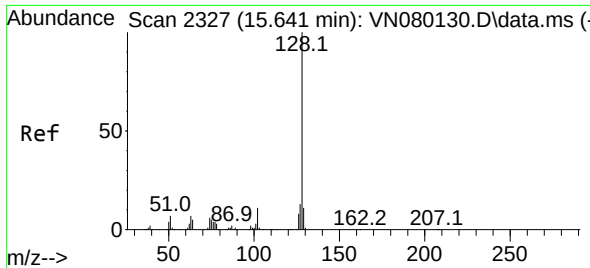
Delta R.T. 0.005 min

Lab File: VN080329.D

Acq: 04 Dec 2023 11:25

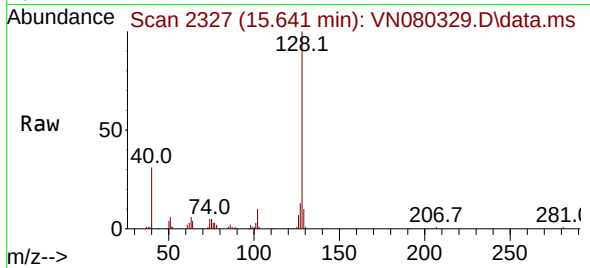
Tgt Ion:	225	Resp:	30165
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.3	93.8
227	65.6	31.9	95.9





#95
Naphthalene
Concen: 14.607 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

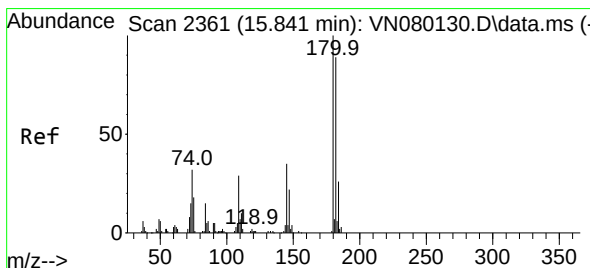
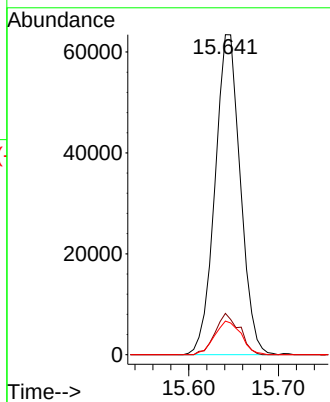
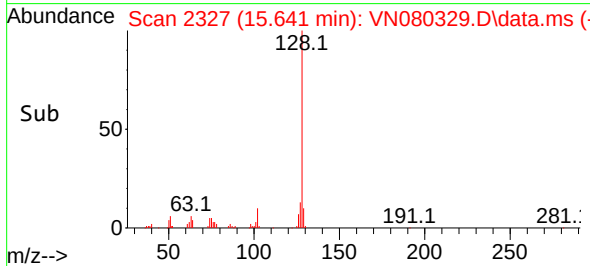
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBS01



Tgt Ion:128 Resp: 12439
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.725 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080329.D
Acq: 04 Dec 2023 11:25

Tgt Ion:180 Resp: 46038
Ion Ratio Lower Upper
180 100
182 94.1 46.2 138.6
145 36.4 17.5 52.6

