

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081029.D
 Acq On : 14 Feb 2024 16:56
 Operator : JC\MD
 Sample : VN0214MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 08:02:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	536743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	944065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	827305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	328589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	319521	48.397	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.800%		
35) Dibromofluoromethane	8.165	113	259304	47.905	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.820%		
50) Toluene-d8	10.571	98	902215	47.262	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.520%		
62) 4-Bromofluorobenzene	12.853	95	341854	52.654	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	133497	19.393	ug/l	96
3) Chloromethane	2.365	50	154113	18.426	ug/l	97
4) Vinyl Chloride	2.518	62	132743	18.361	ug/l	95
5) Bromomethane	2.959	94	65077	17.840	ug/l	96
6) Chloroethane	3.124	64	79714	17.149	ug/l	99
7) Trichlorofluoromethane	3.495	101	187136	18.389	ug/l	90
8) Diethyl Ether	3.959	74	79602	19.730	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	110373	18.379	ug/l	91
10) Methyl Iodide	4.589	142	107738	17.666	ug/l	97
11) Tert butyl alcohol	5.518	59	116149	98.079	ug/l	100
12) 1,1-Dichloroethene	4.342	96	107796	18.427	ug/l	89
13) Acrolein	4.177	56	91856	92.495	ug/l	98
14) Allyl chloride	5.012	41	165709	17.394	ug/l	90
15) Acrylonitrile	5.718	53	297410	98.057	ug/l	97
16) Acetone	4.430	43	222865	86.232	ug/l	98
17) Carbon Disulfide	4.712	76	287839	16.982	ug/l #	95
18) Methyl Acetate	5.024	43	133397	19.597	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	387376	18.978	ug/l	93
20) Methylene Chloride	5.271	84	122560	18.206	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	114858	17.859	ug/l	93
22) Diisopropyl ether	6.671	45	390095	18.721	ug/l #	95
23) Vinyl Acetate	6.600	43	1577870m	93.947	ug/l	
24) 1,1-Dichloroethane	6.565	63	219463	18.886	ug/l	96
25) 2-Butanone	7.483	43	388426	92.576	ug/l	96
26) 2,2-Dichloropropane	7.489	77	196233	18.349	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	134628	18.113	ug/l	92
28) Bromochloromethane	7.812	49	87828	18.722	ug/l #	71
29) Tetrahydrofuran	7.836	42	257903	95.644	ug/l #	87
30) Chloroform	7.965	83	227349	18.231	ug/l	98
31) Cyclohexane	8.259	56	204494	17.830	ug/l #	79
32) 1,1,1-Trichloroethane	8.165	97	203573	18.487	ug/l #	88
36) 1,1-Dichloropropene	8.371	75	167629	18.561	ug/l	96
37) Ethyl Acetate	7.559	43	167023	20.217	ug/l	99
38) Carbon Tetrachloride	8.365	117	136175	20.600	ug/l	95
39) Methylcyclohexane	9.606	83	202324	18.210	ug/l	87
40) Benzene	8.606	78	501134	18.764	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	92581	18.461	ug/l	96
42) 1,2-Dichloroethane	8.671	62	179837	18.970	ug/l	99
43) Isopropyl Acetate	8.688	43	292239	18.881	ug/l	97
44) Trichloroethene	9.353	130	133321	16.854	ug/l	97
45) 1,2-Dichloropropane	9.624	63	129459	19.596	ug/l	96
46) Dibromomethane	9.712	93	90537	19.415	ug/l	91
47) Bromodichloromethane	9.888	83	173349	18.967	ug/l #	96
48) Methyl methacrylate	9.683	41	136278	18.700	ug/l	92
49) 1,4-Dioxane	9.694	88	54199	390.334	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	846086	98.018	ug/l	96
52) Toluene	10.635	92	312155	18.711	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	201512	18.715	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	212776	18.685	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	122214	19.481	ug/l	92
56) Ethyl methacrylate	10.877	69	193404	18.828	ug/l	93
57) 1,3-Dichloropropane	11.165	76	212713	18.980	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	488767	95.894	ug/l #	89
59) 2-Hexanone	11.200	43	630484	99.454	ug/l	97
60) Dibromochloromethane	11.365	129	120235	20.155	ug/l	99
61) 1,2-Dibromoethane	11.471	107	128377	19.462	ug/l	97
64) Tetrachloroethene	11.106	164	142078	16.846	ug/l	90
65) Chlorobenzene	11.894	112	323352	18.639	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	115352	19.314	ug/l	97
67) Ethyl Benzene	11.965	91	606840	18.555	ug/l	97
68) m/p-Xylenes	12.076	106	457867	37.963	ug/l	98
69) o-Xylene	12.400	106	224151	19.163	ug/l	98
70) Styrene	12.412	104	367830	19.730	ug/l	97
71) Bromoform	12.582	173	71144	23.413	ug/l #	97
73) Isopropylbenzene	12.694	105	585124	17.625	ug/l	99
74) N-amyl acetate	12.494	43	273757	17.923	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	149601	18.359	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	126309m	17.397	ug/l	
77) Bromobenzene	12.982	156	125994	18.737	ug/l	79
78) n-propylbenzene	13.041	91	696696	18.390	ug/l	96
79) 2-Chlorotoluene	13.129	91	403908	18.459	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	474132	18.408	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	58636	18.800	ug/l	89
82) 4-Chlorotoluene	13.223	91	385511	18.232	ug/l	95
83) tert-Butylbenzene	13.441	119	409450	18.563	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	472141	19.025	ug/l	97
85) sec-Butylbenzene	13.618	105	574833	18.997	ug/l	94
86) p-Isopropyltoluene	13.729	119	469744	19.304	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	215825	18.874	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	218827	18.521	ug/l	97
89) n-Butylbenzene	14.059	91	395258	17.745	ug/l	98
90) Hexachloroethane	14.335	117	25144	51.147	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	205818	18.568	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33755	19.552	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	117279	17.661	ug/l	98
94) Hexachlorobutadiene	15.500	225	47065	17.136	ug/l	98
95) Naphthalene	15.641	128	417473	17.671	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	116858	17.957	ug/l	99

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VN0214MBSD01

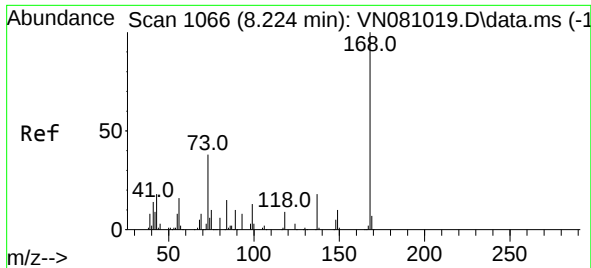
Manual Integrations
APPROVED

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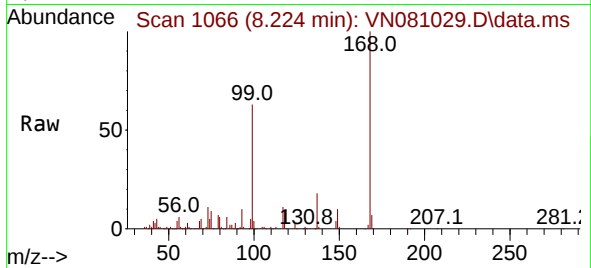
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

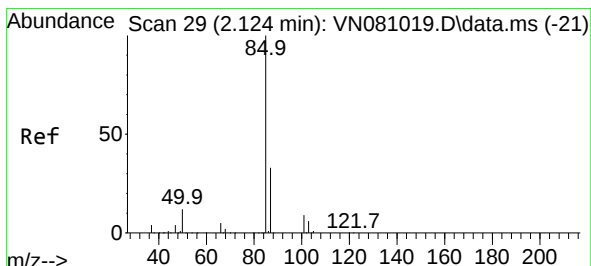
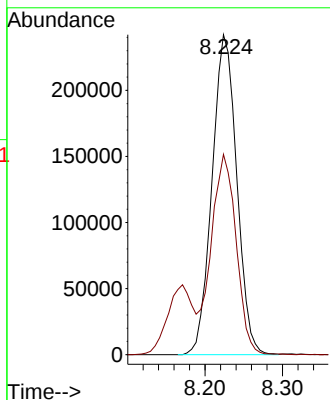
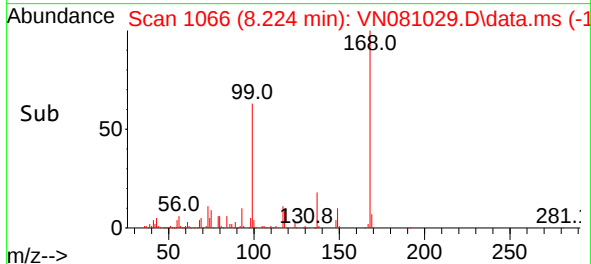
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 53674
Ion Ratio Lower Upper
168 100
99 62.4 59.9 89.9

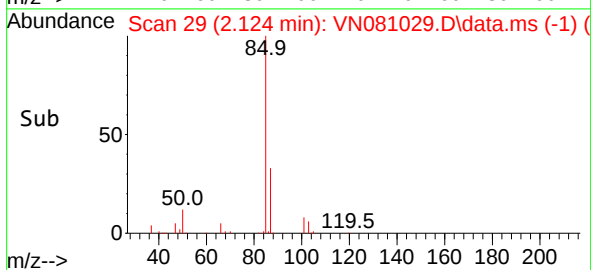
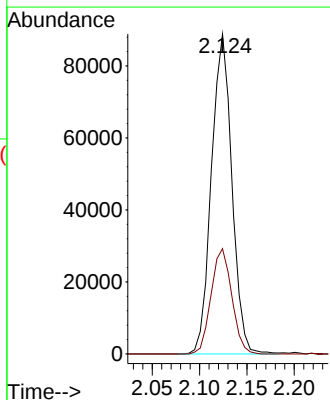
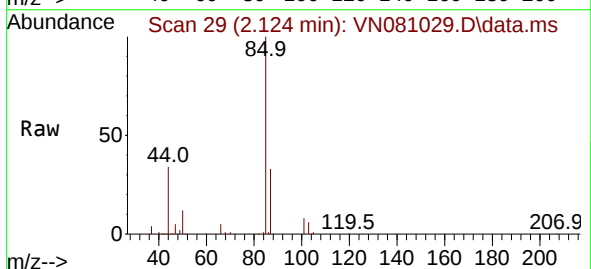
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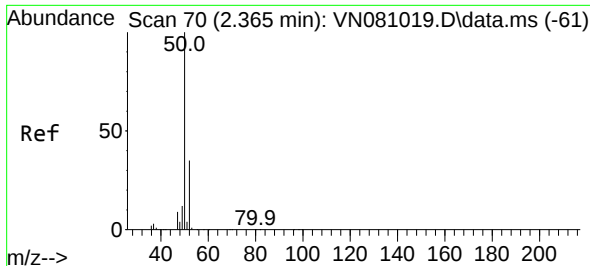
Reviewed By :John Carlone 02/15/2024
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#2
Dichlorodifluoromethane
Concen: 19.393 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Tgt Ion: 85 Resp: 133497
Ion Ratio Lower Upper
85 100
87 32.9 15.3 45.9





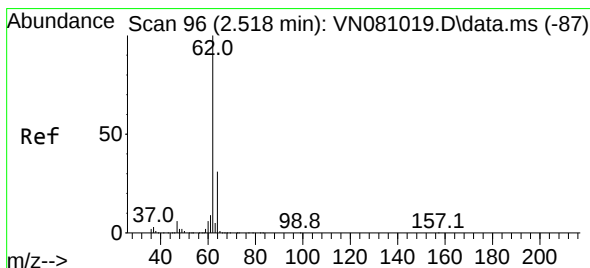
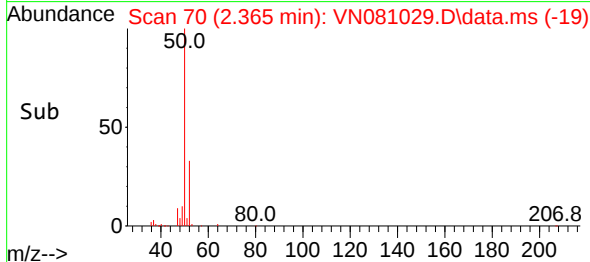
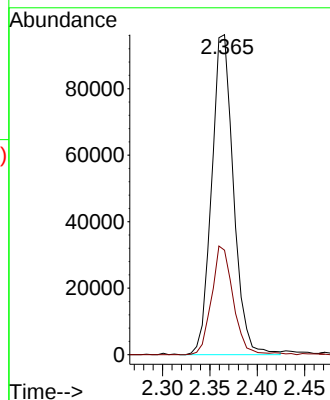
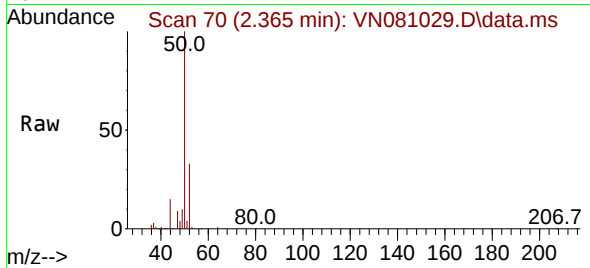
#3
Chloromethane
Concen: 18.426 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081029.D
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Tgt Ion: 50 Resp: 15411
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4

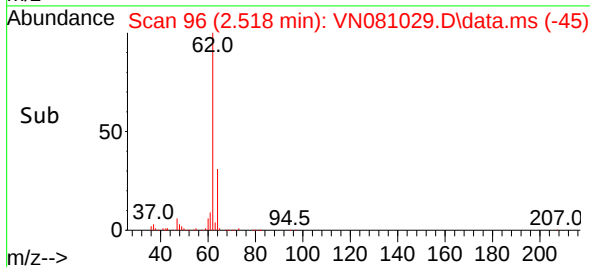
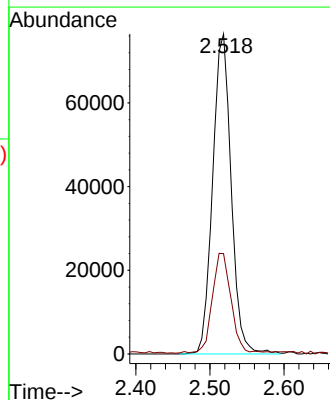
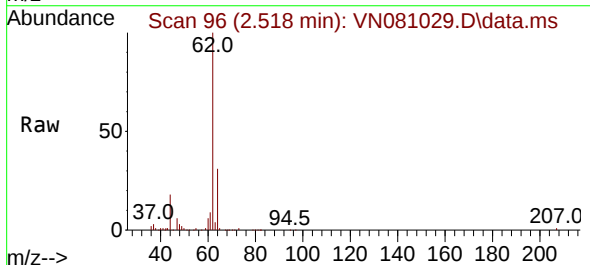
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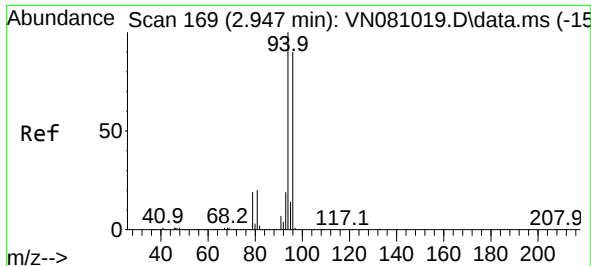
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#4
Vinyl Chloride
Concen: 18.361 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Tgt Ion: 62 Resp: 132743
Ion Ratio Lower Upper
62 100
64 31.0 22.7 34.1





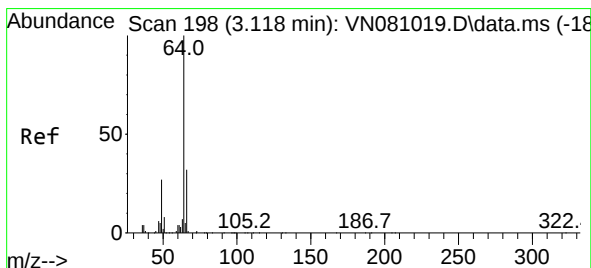
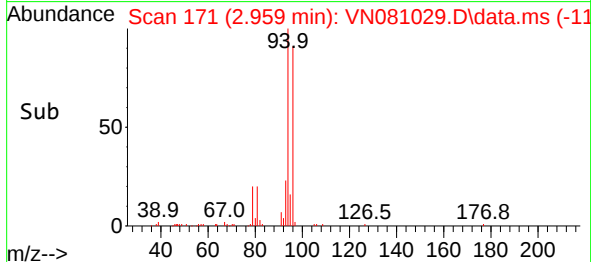
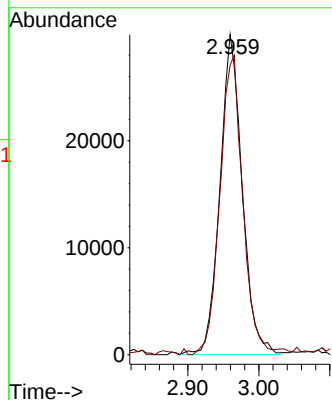
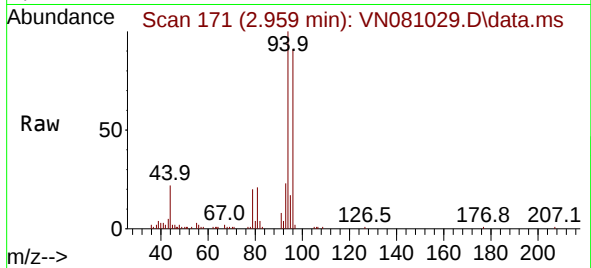
#5
Bromomethane
Concen: 17.840 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081029.D
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Instrument :
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Tgt Ion: 94 Resp: 6507
Ion Ratio Lower Upper
94 100
96 90.5 69.2 103.8

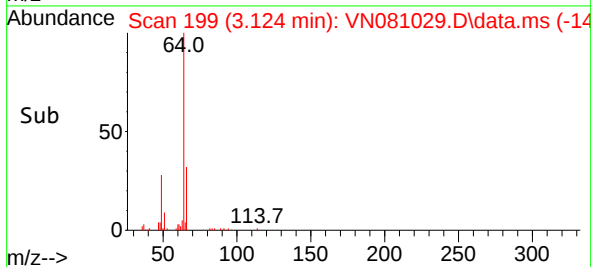
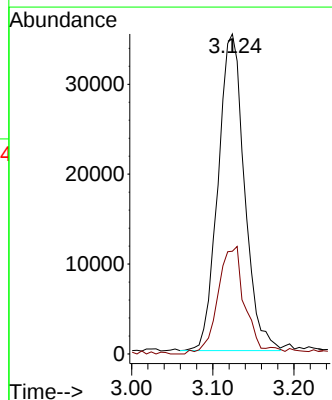
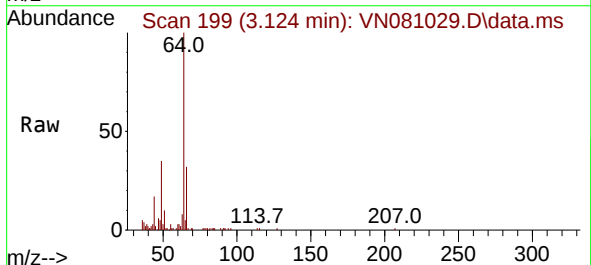
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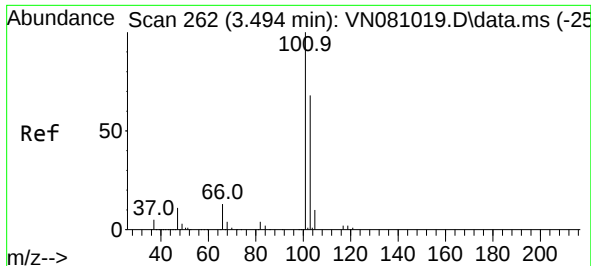
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#6
Chloroethane
Concen: 17.149 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081029.D
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Tgt Ion: 64 Resp: 79714
Ion Ratio Lower Upper
64 100
66 32.5 26.4 39.6





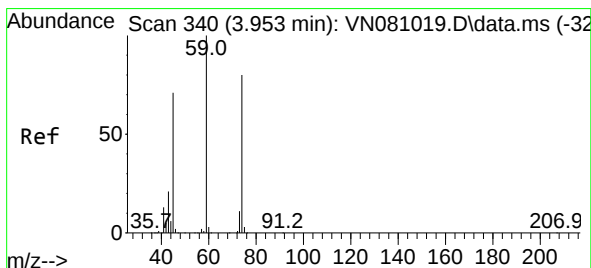
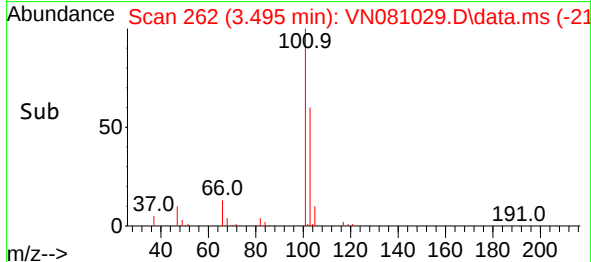
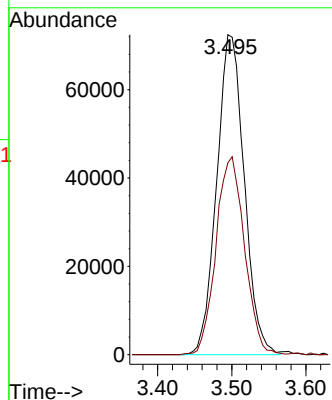
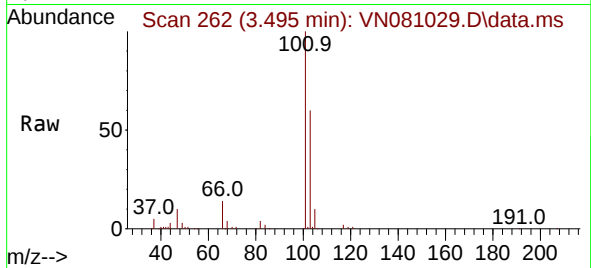
#7
 Trichlorofluoromethane
 Concen: 18.389 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081029.D
 Acq: 14 Feb 2024 16:56

Instrument :
 MSVOA_N
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Tgt Ion:101 Resp: 187130
 Ion Ratio Lower Upper
 101 100
 103 59.9 54.4 81.6

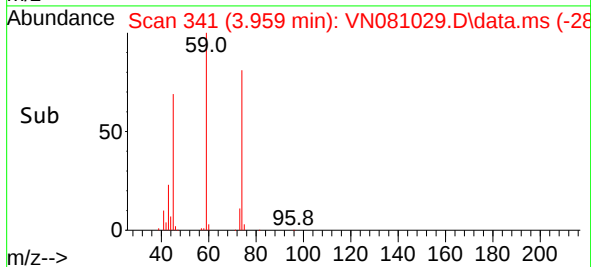
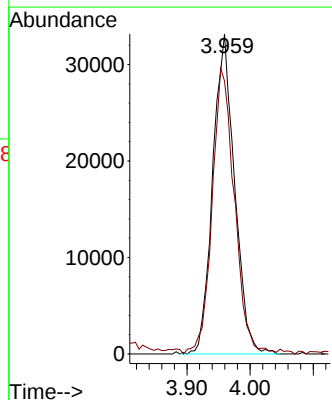
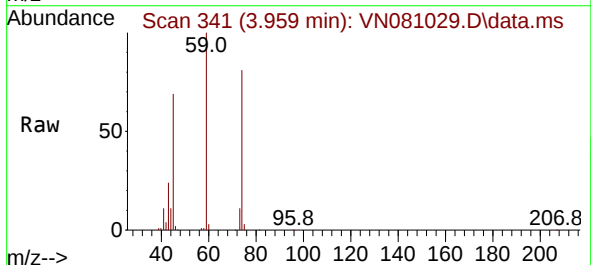
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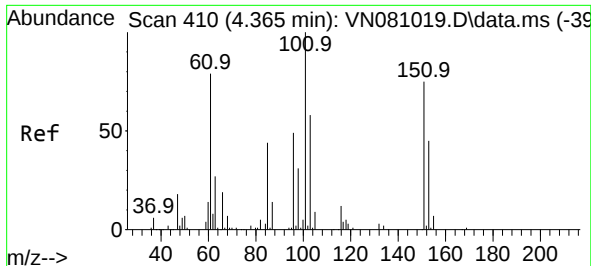
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#8
 Diethyl Ether
 Concen: 19.730 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN081029.D
 Acq: 14 Feb 2024 16:56

Tgt Ion: 74 Resp: 79602
 Ion Ratio Lower Upper
 74 100
 45 91.0 53.3 159.9





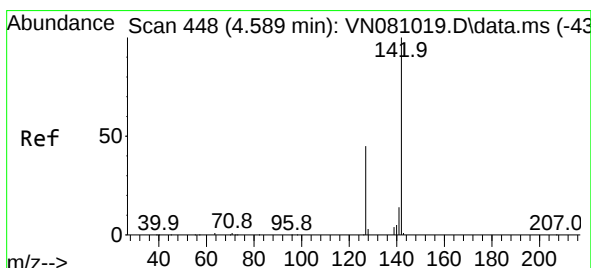
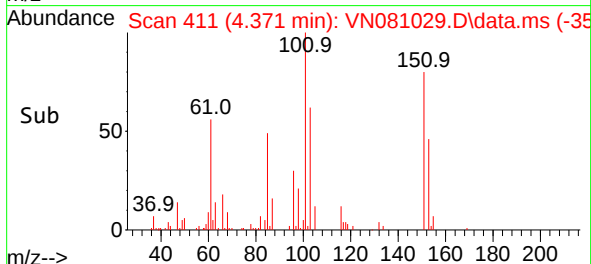
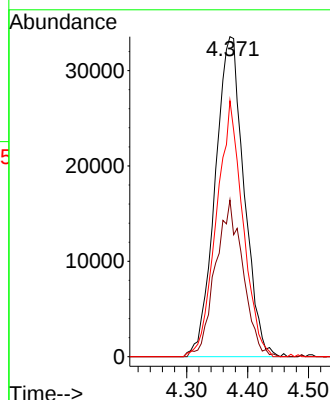
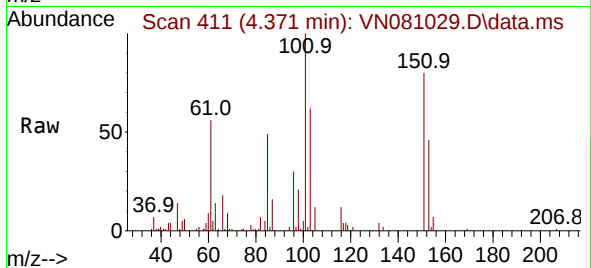
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.379 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01

Tgt Ion:101 Resp: 11037
Ion Ratio Lower Upper
101 100
85 46.7 38.1 57.1
151 73.3 49.1 73.7

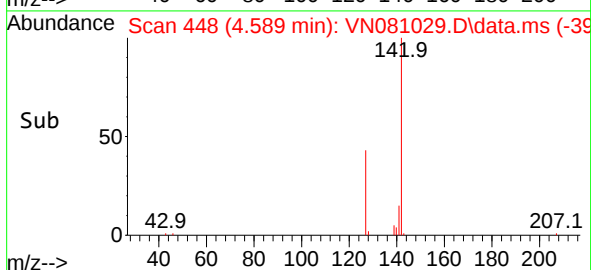
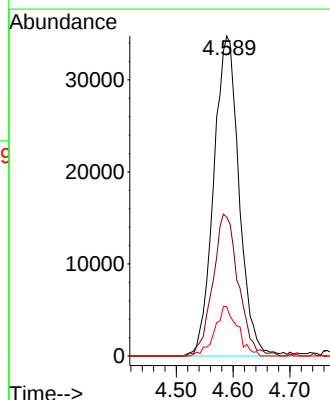
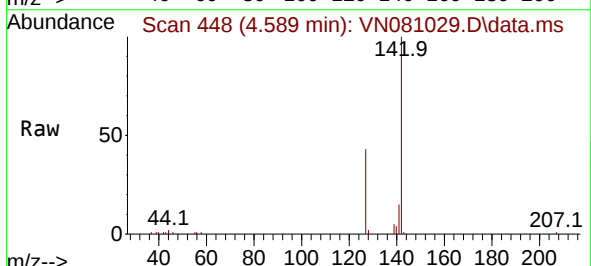
Manual Integrations
APPROVED

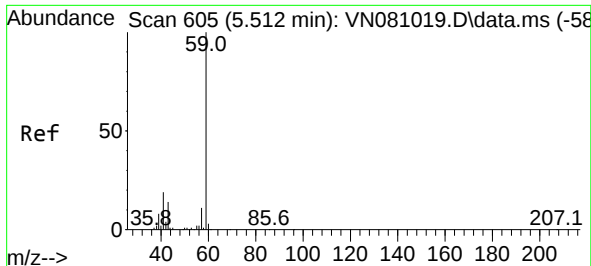
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#10
Methyl Iodide
Concen: 17.666 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Tgt Ion:142 Resp: 107738
Ion Ratio Lower Upper
142 100
127 43.4 37.0 55.4
141 15.3 12.5 18.7





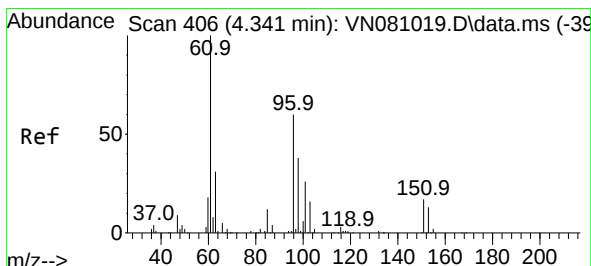
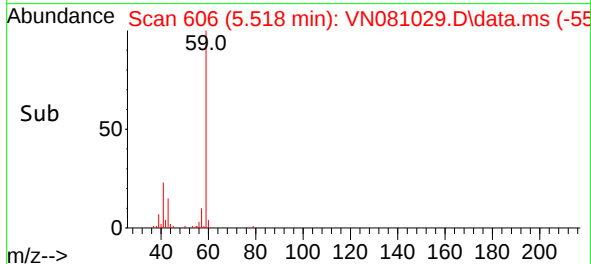
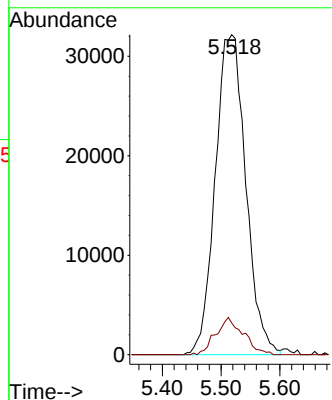
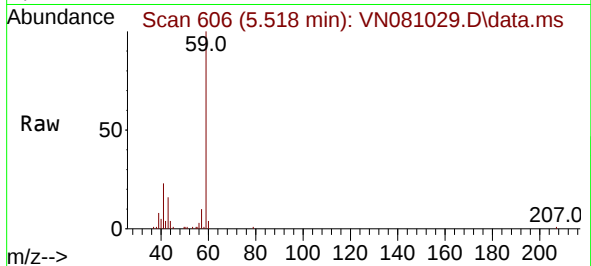
#11
Tert butyl alcohol
Concen: 98.079 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01

Tgt Ion: 59 Resp: 116149
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

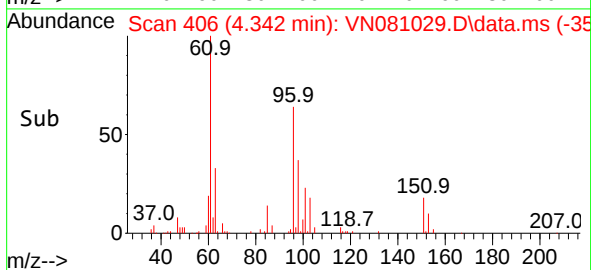
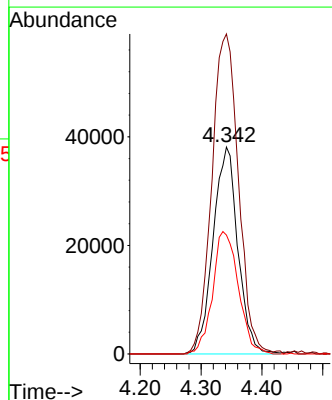
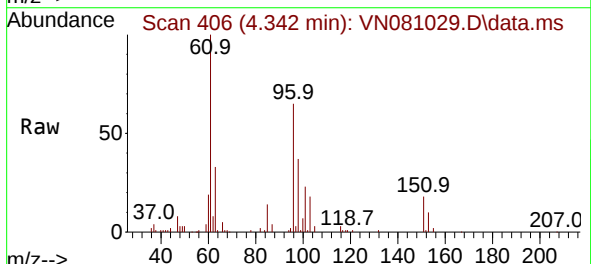
Manual Integrations
APPROVED

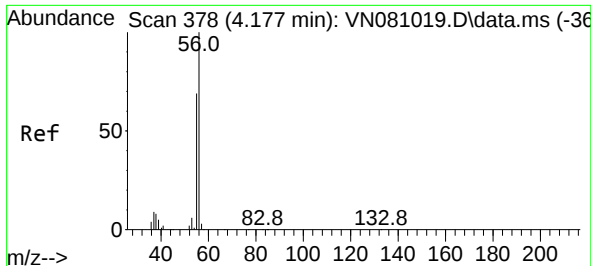
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#12
1,1-Dichloroethene
Concen: 18.427 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Tgt Ion: 96 Resp: 107796
Ion Ratio Lower Upper
96 100
61 154.7 138.2 207.4
98 57.5 49.2 73.8





#13

Acrolein

Concen: 92.495 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0214MBSD01

Tgt Ion: 56 Resp: 91850

Ion Ratio Lower Upper

56 100

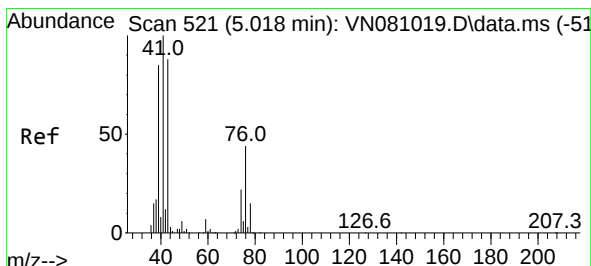
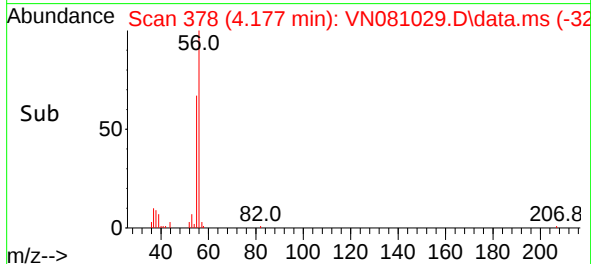
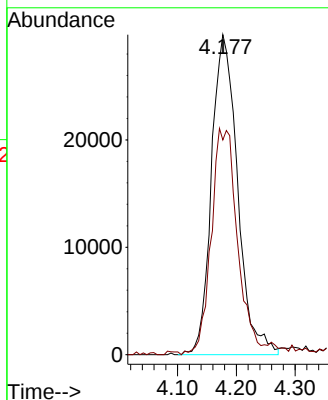
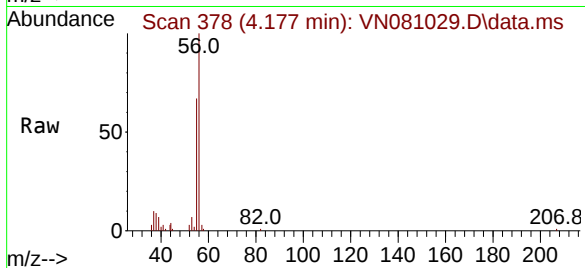
55 71.1 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#14

Allyl chloride

Concen: 17.394 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.006 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

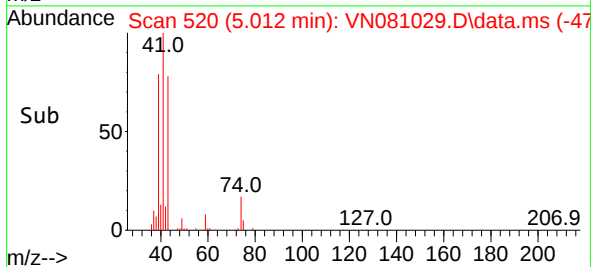
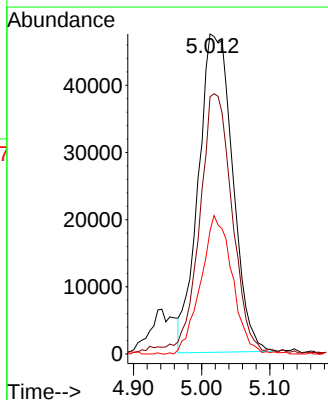
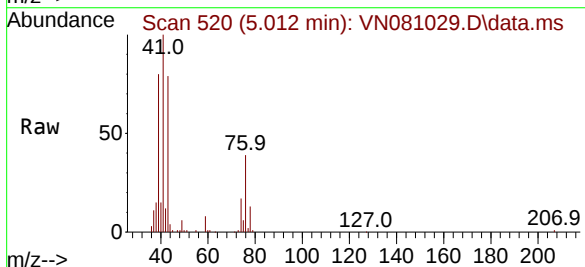
Tgt Ion: 41 Resp: 165709

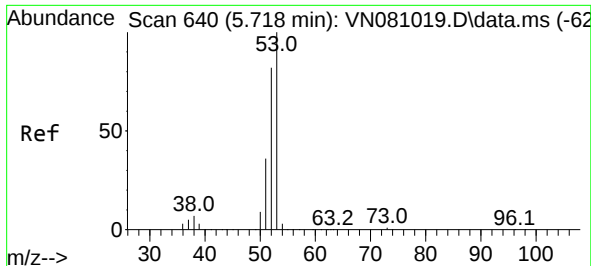
Ion Ratio Lower Upper

41 100

39 79.5 57.7 86.5

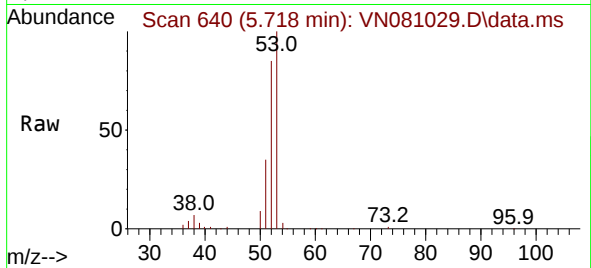
76 40.1 26.8 40.2





#15
Acrylonitrile
Concen: 98.057 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

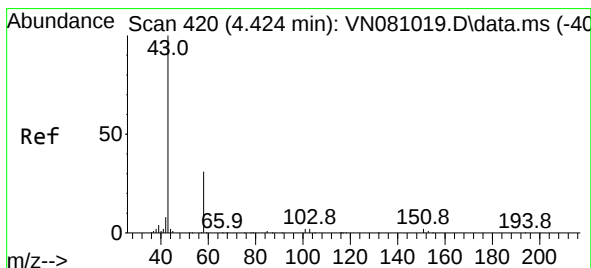
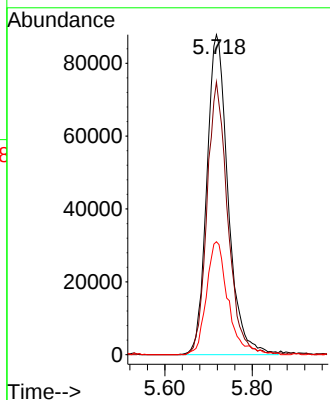
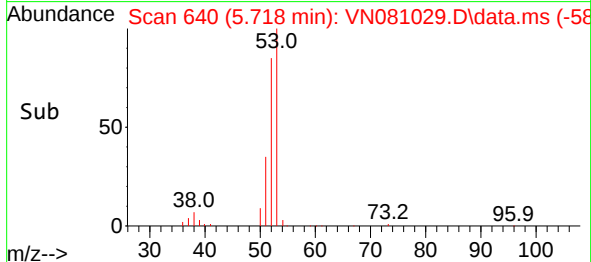
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



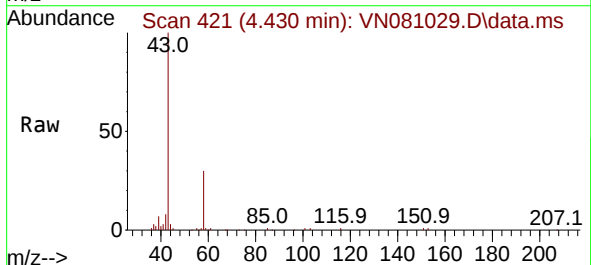
Tgt Ion: 53 Resp: 297410
Ion Ratio Lower Upper
53 100
52 82.8 64.8 97.2
51 36.2 26.9 40.3

Manual Integrations
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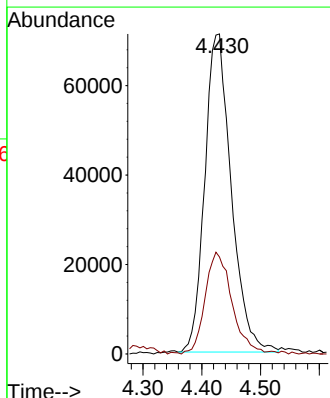
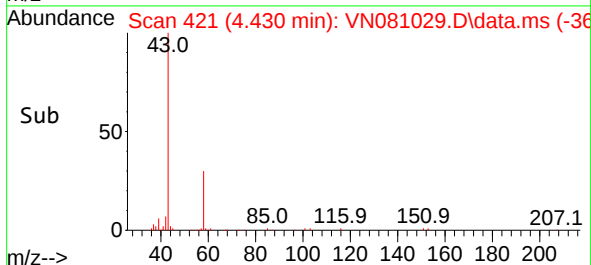
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

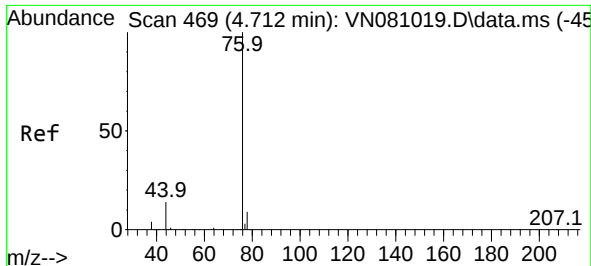


#16
Acetone
Concen: 86.232 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56



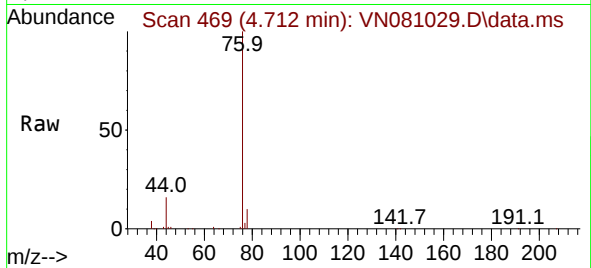
Tgt Ion: 43 Resp: 222865
Ion Ratio Lower Upper
43 100
58 30.1 24.8 37.2





#17
Carbon Disulfide
Concen: 16.982 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

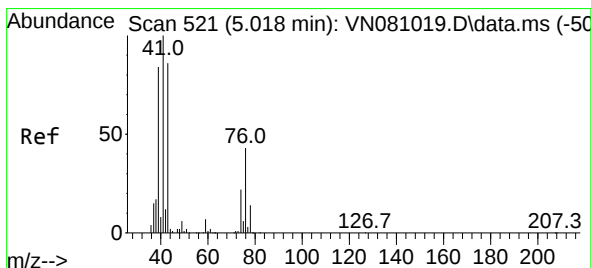
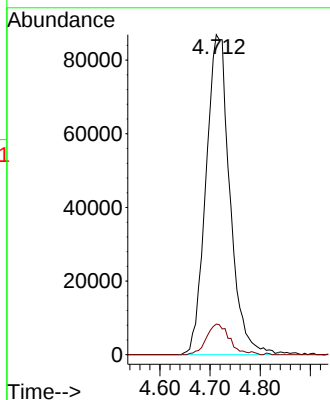
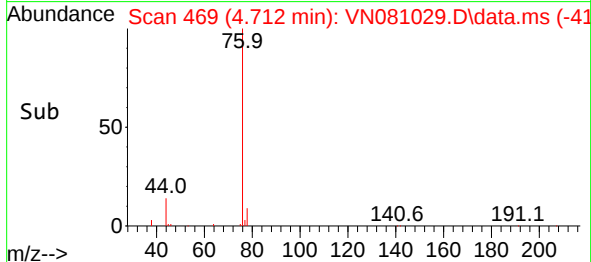
Instrument :
MSVOA_N
Client Sample Id :
VN0214MBSD01



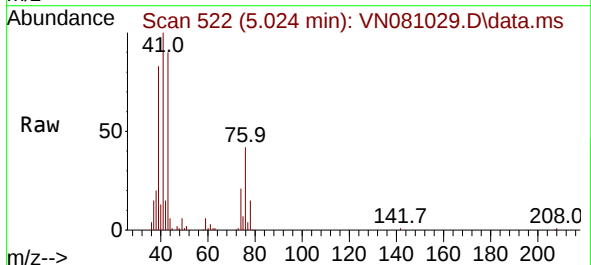
Tgt Ion: 76 Resp: 287839
Ion Ratio Lower Upper
76 100
78 9.5 6.3 9.5

Manual Integrations
APPROVED

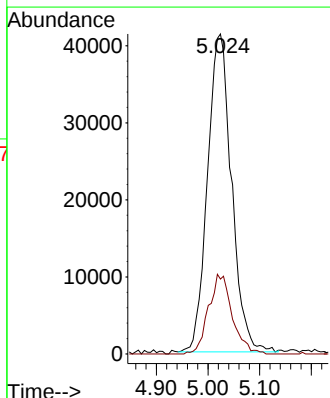
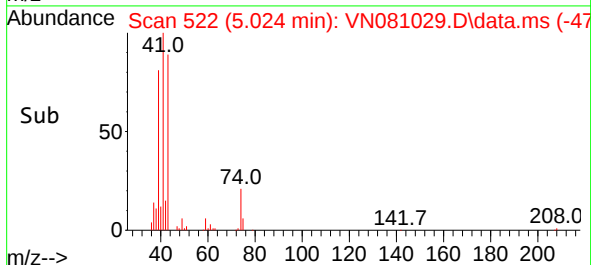
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

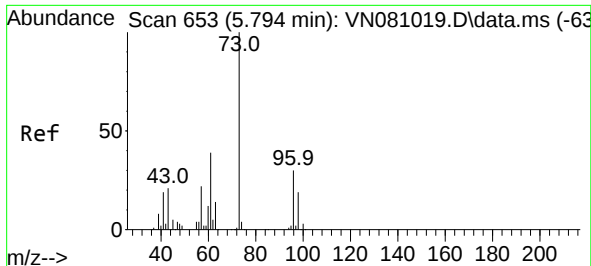


#18
Methyl Acetate
Concen: 19.597 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56



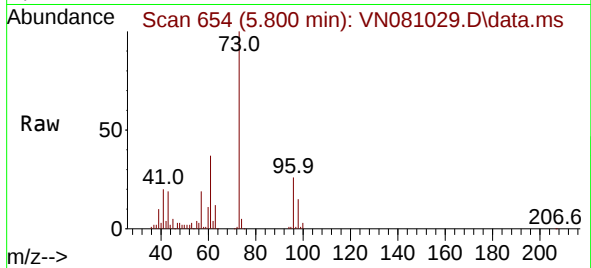
Tgt Ion: 43 Resp: 133397
Ion Ratio Lower Upper
43 100
74 24.7 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 18.978 ug/l
RT: 5.800 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

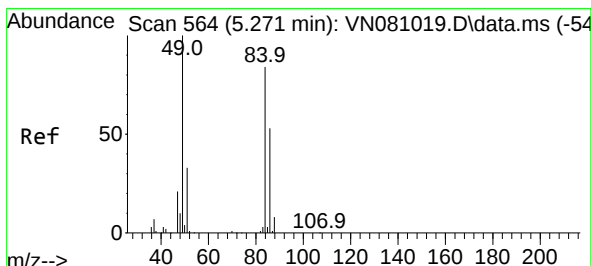
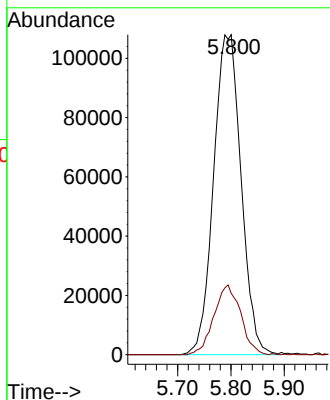
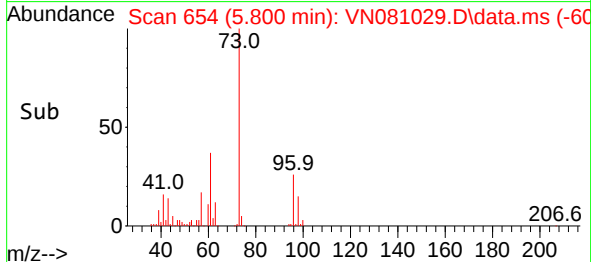
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



Tgt Ion: 73 Resp: 387370
Ion Ratio Lower Upper
73 100
57 19.2 18.2 27.4

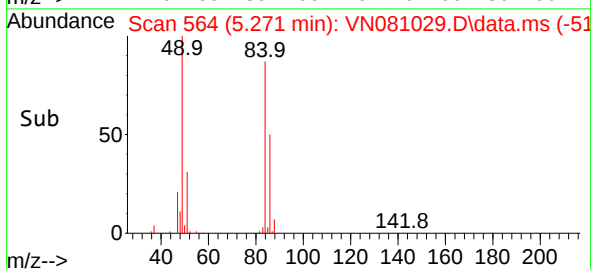
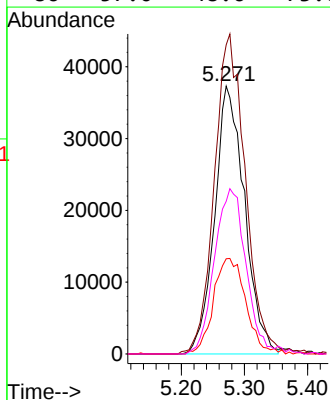
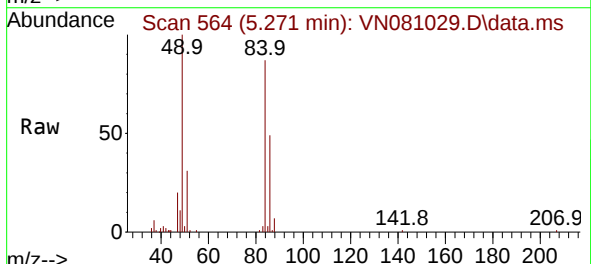
Manual Integrations
APPROVED

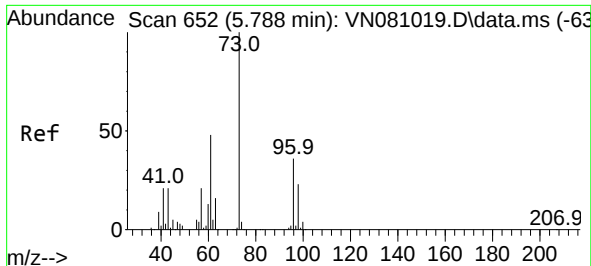
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#20
Methylene Chloride
Concen: 18.206 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

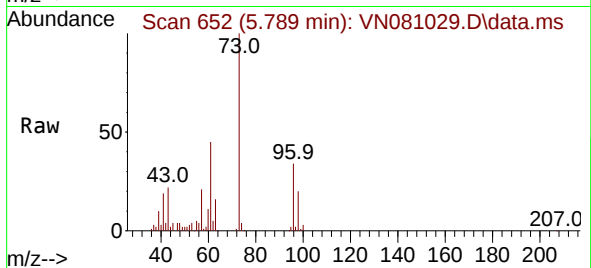
Tgt Ion: 84 Resp: 122560
Ion Ratio Lower Upper
84 100
49 115.5 108.1 162.1
51 35.6 32.9 49.3
86 57.0 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 17.859 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

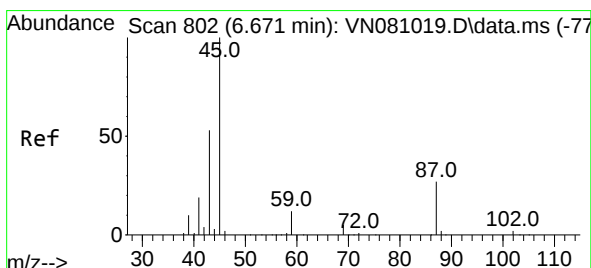
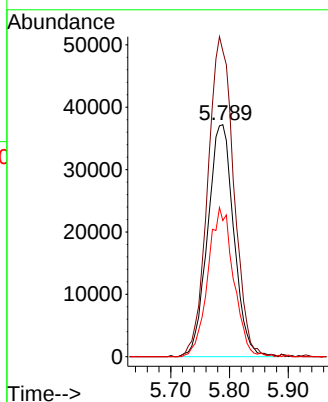
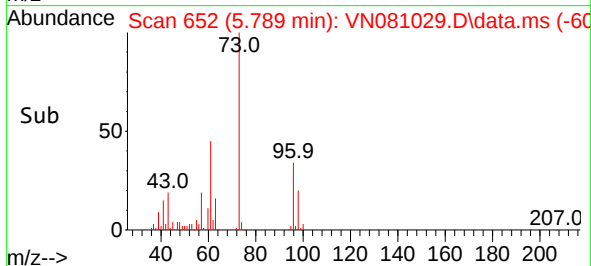
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



Tgt Ion: 96 Resp: 114858
Ion Ratio Lower Upper
96 100
61 131.8 112.8 169.2
98 58.7 51.0 76.4

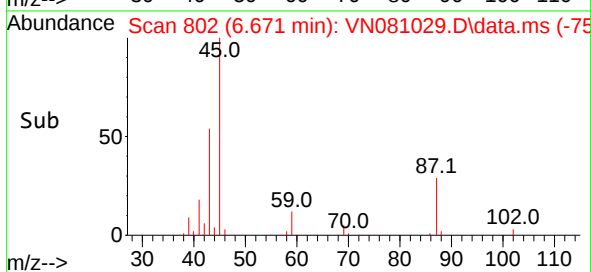
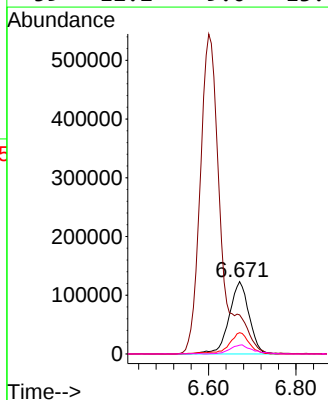
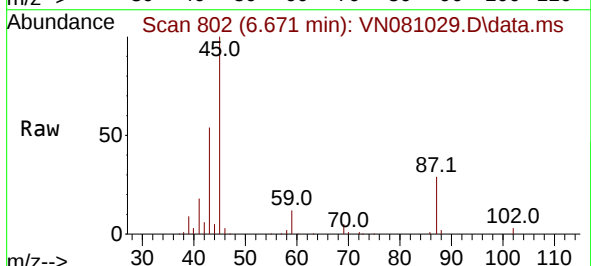
Manual Integrations
APPROVED

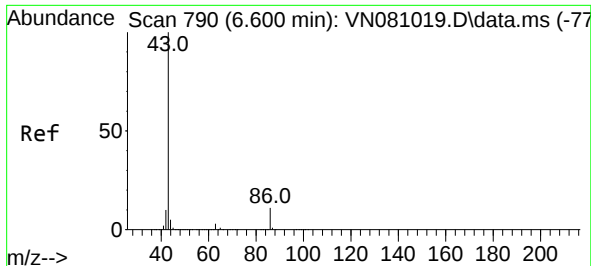
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#22
Diisopropyl ether
Concen: 18.721 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

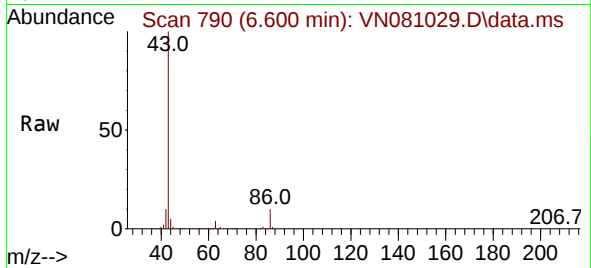
Tgt Ion: 45 Resp: 390095
Ion Ratio Lower Upper
45 100
43 53.2 41.8 62.8
87 29.3 18.1 27.1#
59 12.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 93.947 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081029.D
 Acq: 14 Feb 2024 16:56

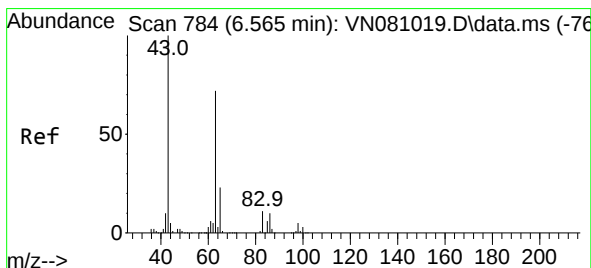
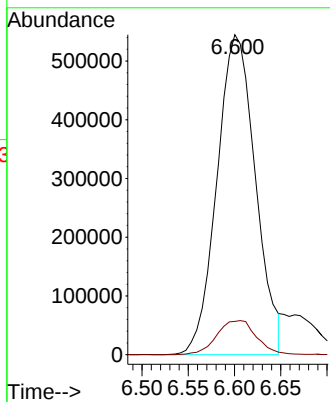
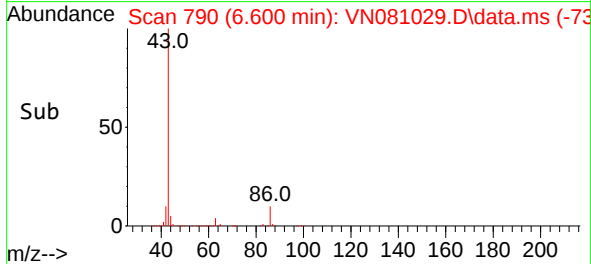
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214MBSD01



Tgt Ion: 43 Resp: 1577870
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7

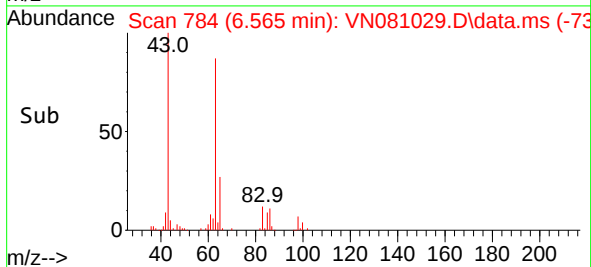
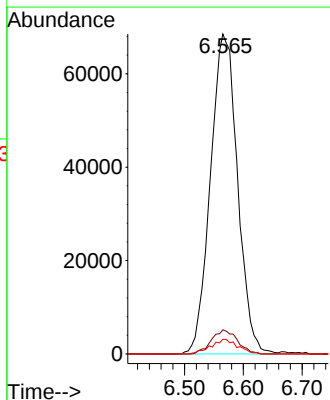
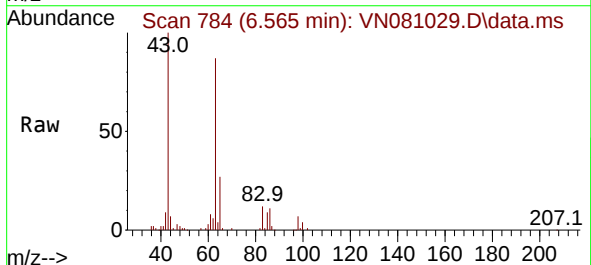
Manual Integrations
 APPROVED

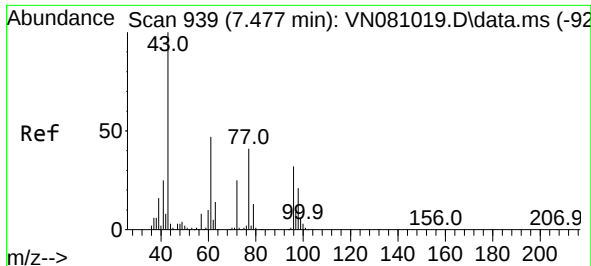
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#24
 1,1-Dichloroethane
 Concen: 18.886 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081029.D
 Acq: 14 Feb 2024 16:56

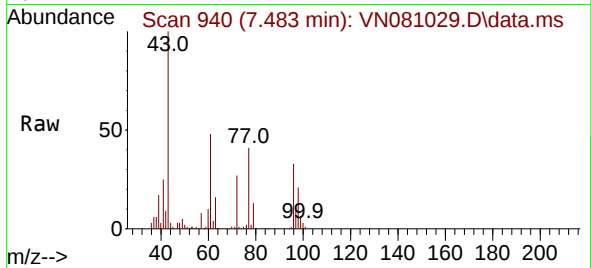
Tgt Ion: 63 Resp: 219463
 Ion Ratio Lower Upper
 63 100
 98 7.6 2.9 8.6
 100 4.6 1.9 5.7





#25
2-Butanone
Concen: 92.576 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

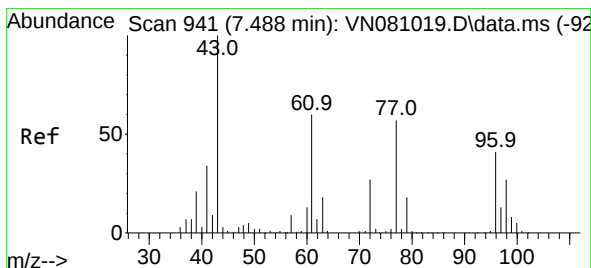
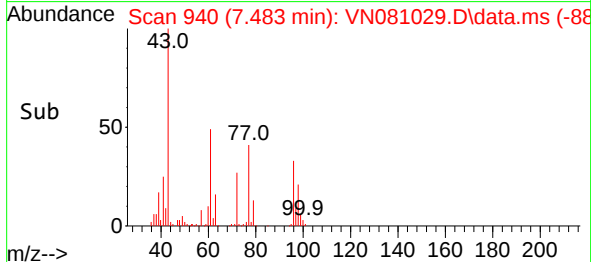
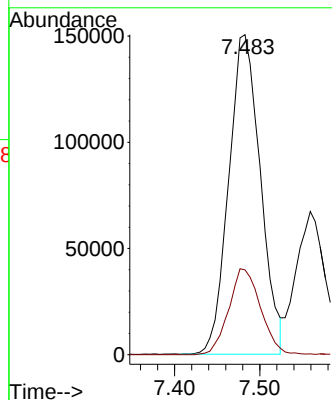
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



Tgt Ion: 43 Resp: 388420
Ion Ratio Lower Upper
43 100
72 26.6 19.5 29.3

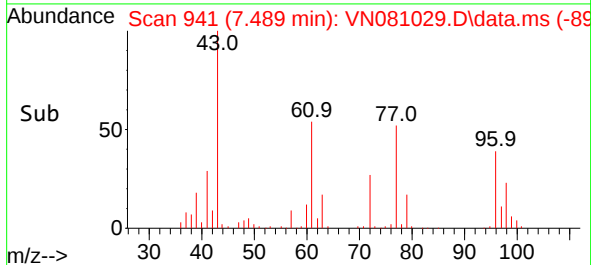
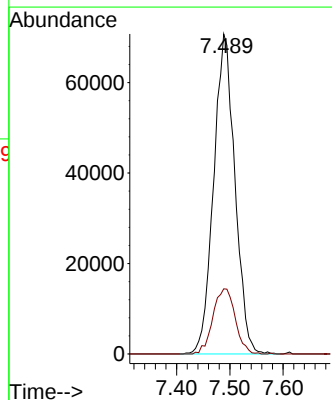
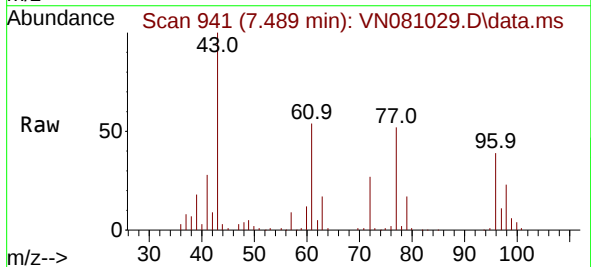
Manual Integrations
APPROVED

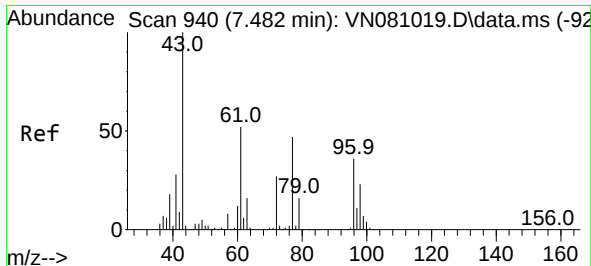
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#26
2,2-Dichloropropane
Concen: 18.349 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

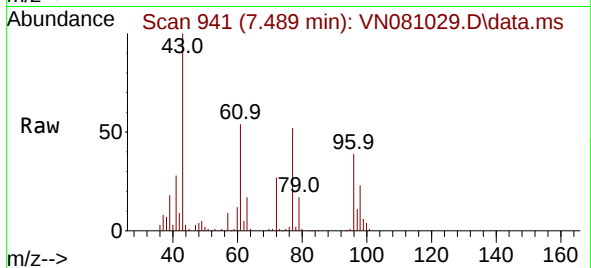
Tgt Ion: 77 Resp: 196233
Ion Ratio Lower Upper
77 100
97 21.3 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 18.113 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

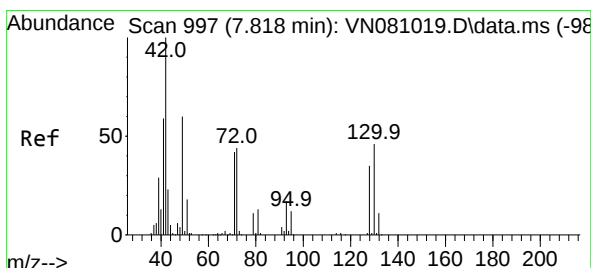
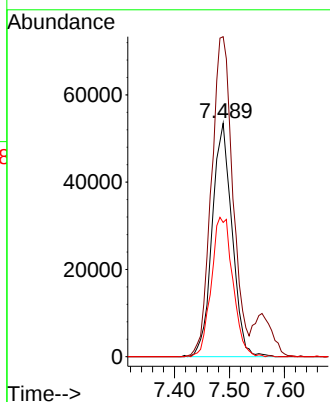
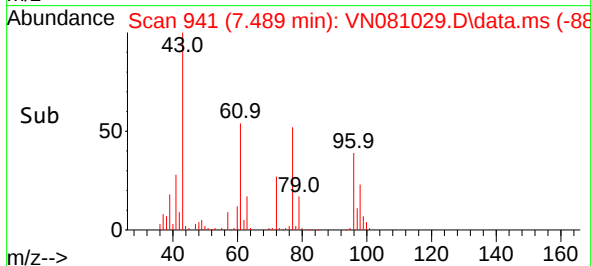
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



Tgt Ion: 96 Resp: 134628
Ion Ratio Lower Upper
96 100
61 147.2 0.0 325.4
98 64.7 0.0 130.4

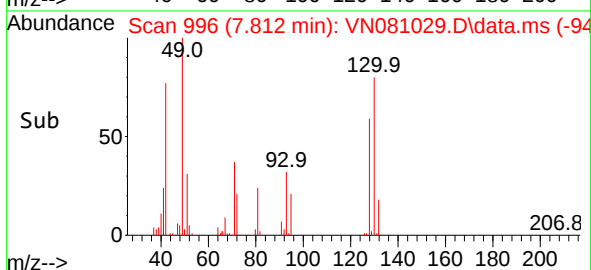
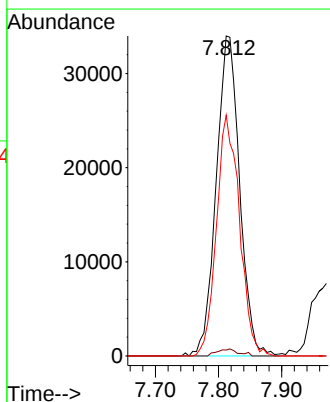
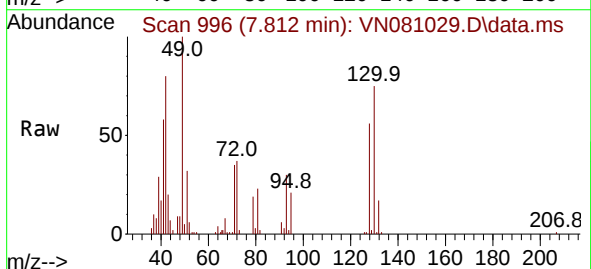
Manual Integrations
APPROVED

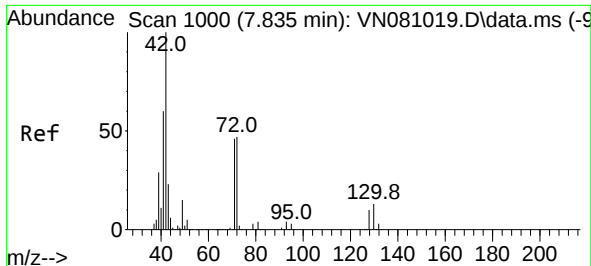
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#28
Bromochloromethane
Concen: 18.722 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Tgt Ion: 49 Resp: 87828
Ion Ratio Lower Upper
49 100
129 2.0 0.0 1.6#
130 73.7 42.3 63.5#





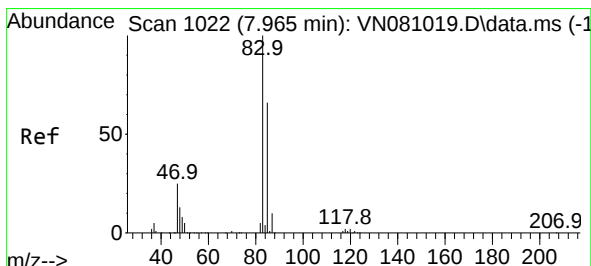
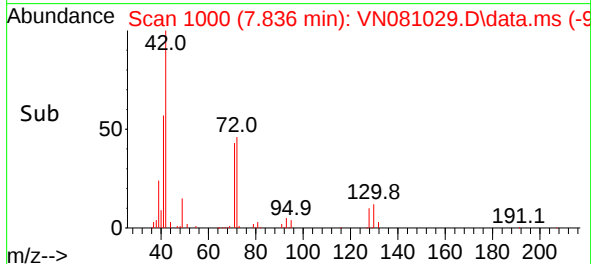
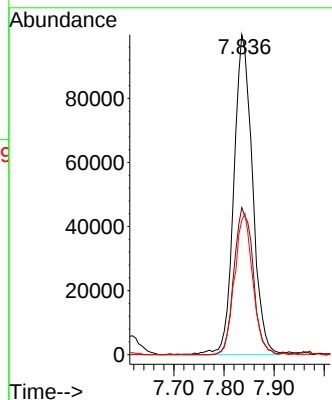
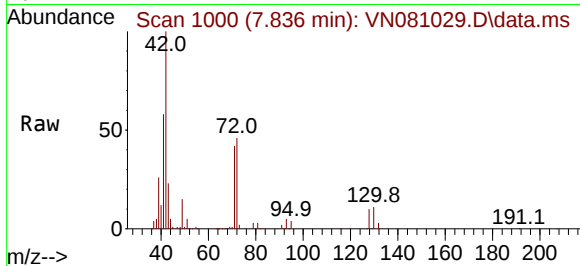
#29
Tetrahydrofuran
Concen: 95.644 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01

Tgt Ion: 42 Resp: 25790
Ion Ratio Lower Upper
42 100
72 47.0 31.1 46.7
71 43.2 28.3 42.5

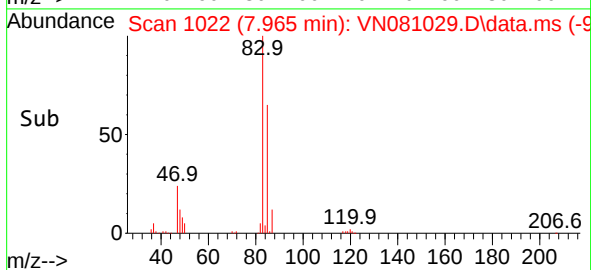
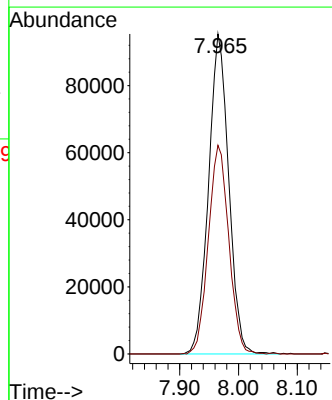
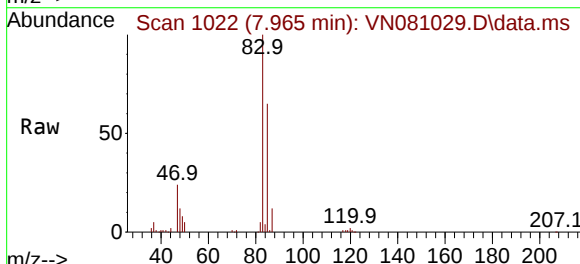
Manual Integrations
APPROVED

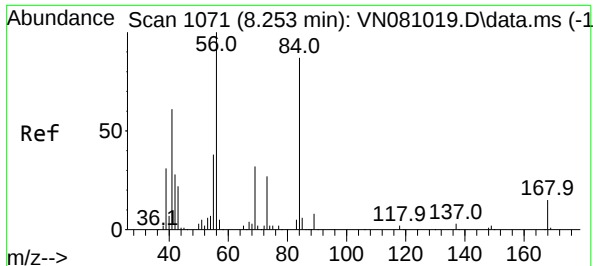
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#30
Chloroform
Concen: 18.231 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

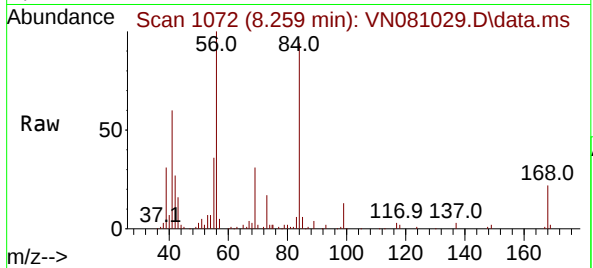
Tgt Ion: 83 Resp: 227349
Ion Ratio Lower Upper
83 100
85 65.2 51.0 76.6





#31
Cyclohexane
Concen: 17.830 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

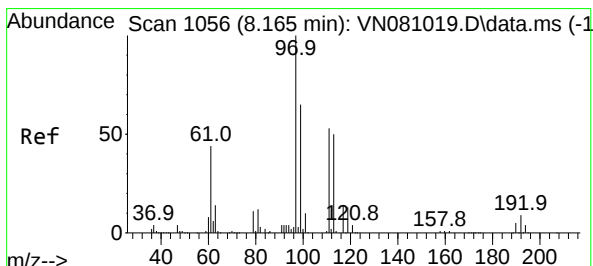
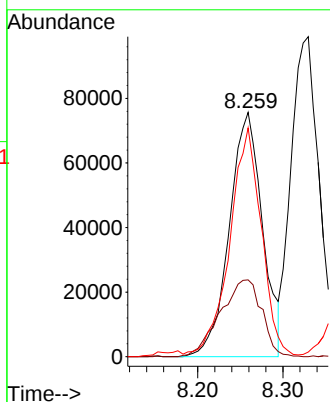
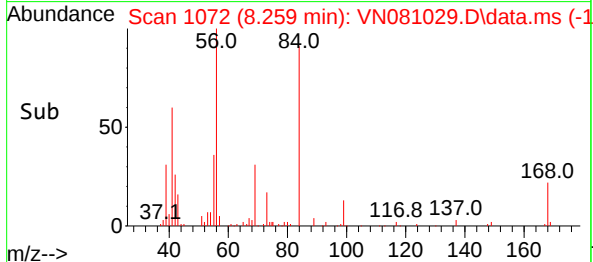
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



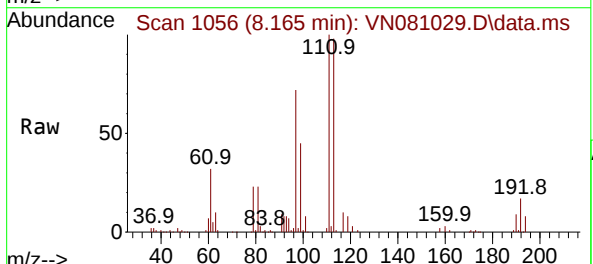
Tgt Ion: 56 Resp: 204494
Ion Ratio Lower Upper
56 100
69 30.8 20.1 30.1
84 91.3 56.9 85.3

Manual Integrations
APPROVED

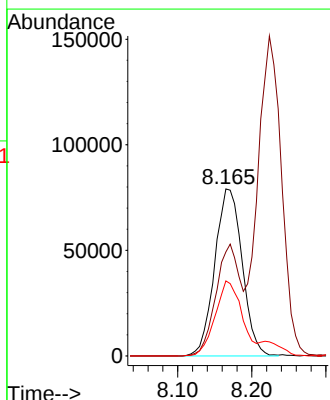
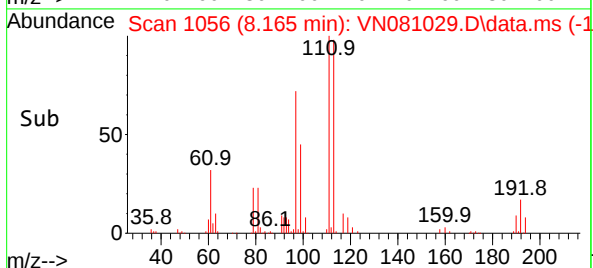
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

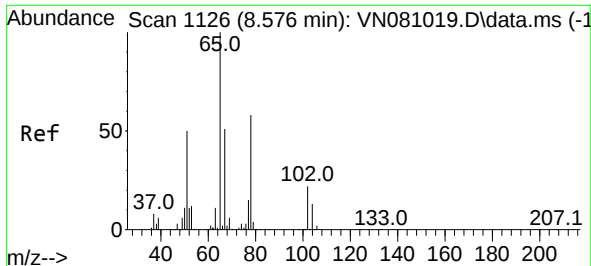


#32
1,1,1-Trichloroethane
Concen: 18.487 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56



Tgt Ion: 97 Resp: 203573
Ion Ratio Lower Upper
97 100
99 58.8 53.4 80.0
61 43.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 48.397 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0214MBSD01

Tgt Ion: 65 Resp: 31952

Ion Ratio Lower Upper

65 100

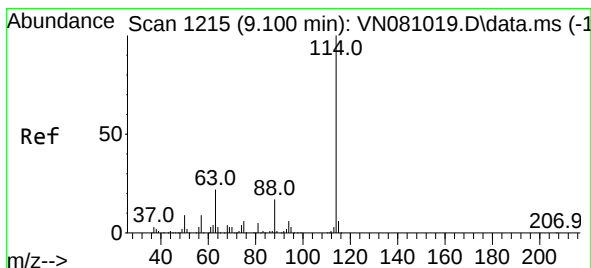
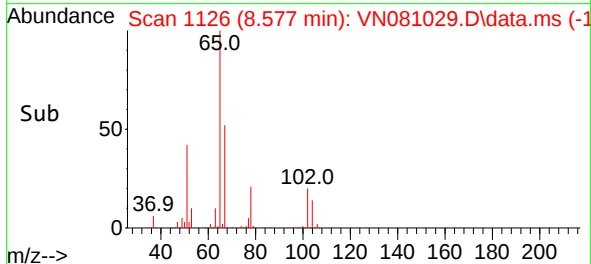
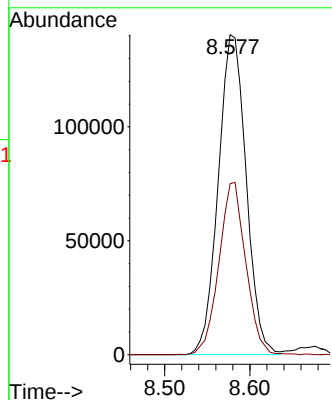
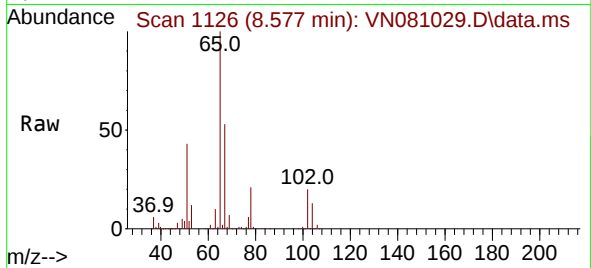
67 51.9 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

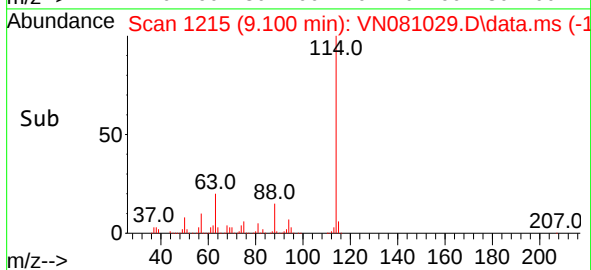
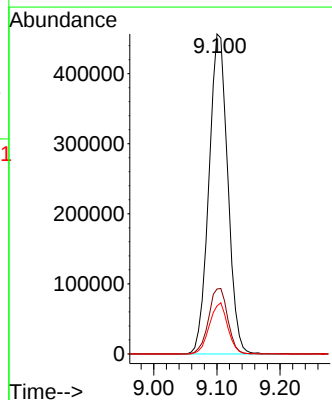
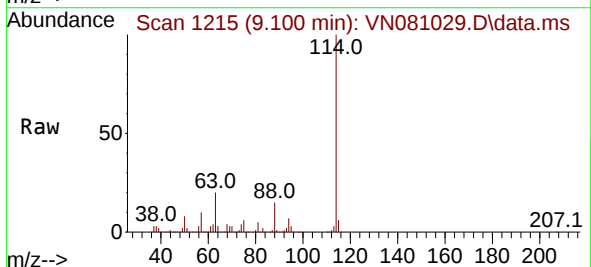
Tgt Ion:114 Resp: 944065

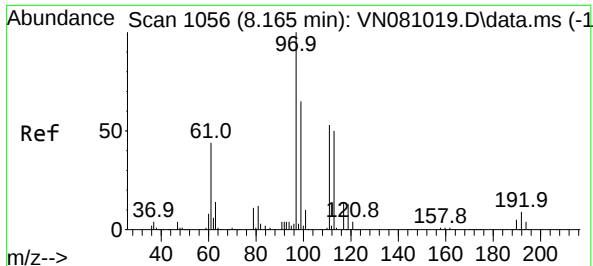
Ion Ratio Lower Upper

114 100

63 20.3 0.0 48.0

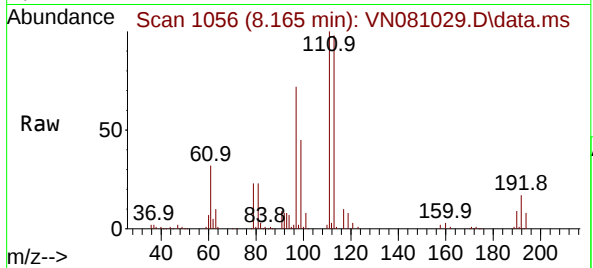
88 15.0 0.0 34.8





#35
Dibromofluoromethane
Concen: 47.905 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

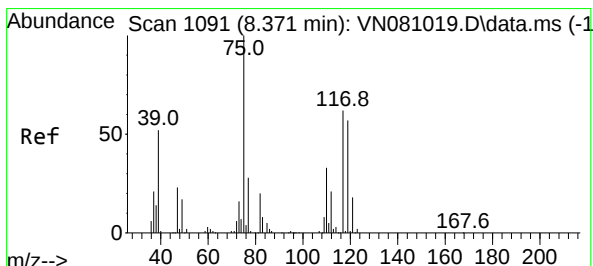
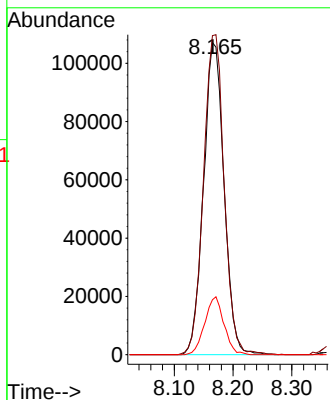
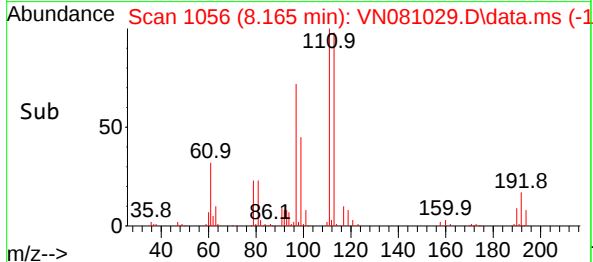
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



Tgt Ion: 113 Resp: 259304
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.3 12.5 18.7

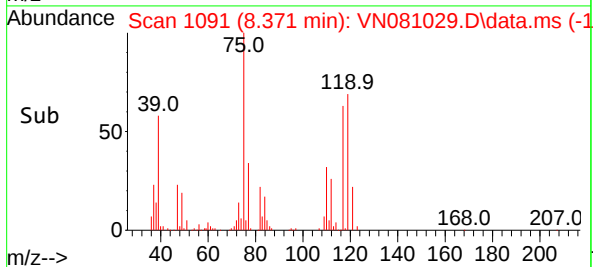
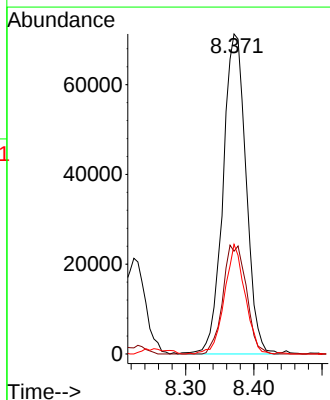
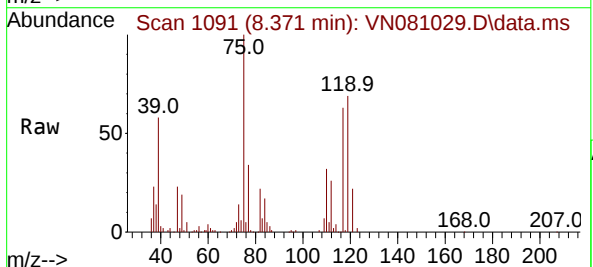
Manual Integrations
APPROVED

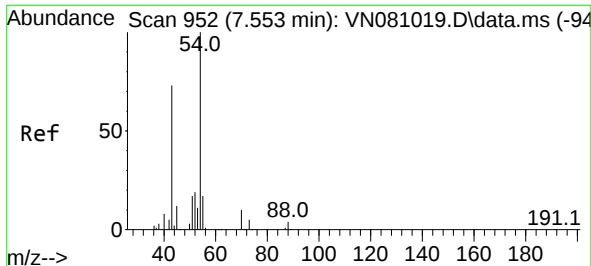
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#36
1,1-Dichloropropene
Concen: 18.561 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

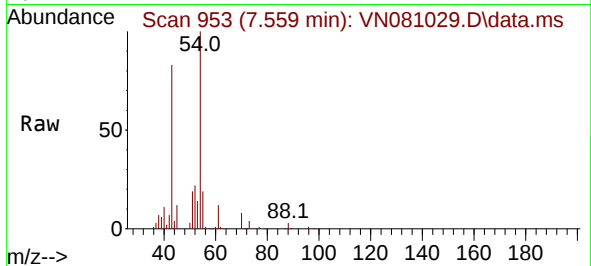
Tgt Ion: 75 Resp: 167629
Ion Ratio Lower Upper
75 100
110 34.7 16.0 48.0
77 30.8 25.8 38.6





#37
Ethyl Acetate
Concen: 20.217 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

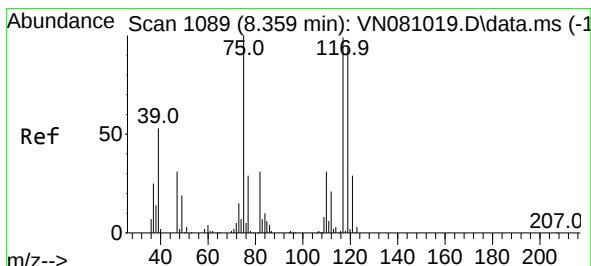
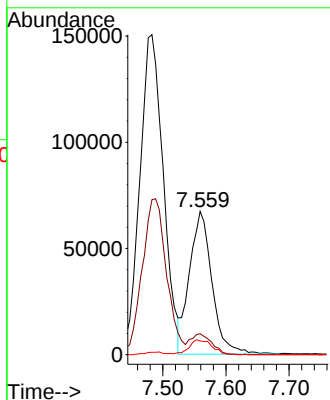
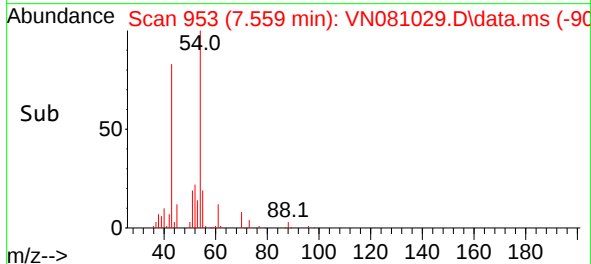
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



Tgt Ion: 43 Resp: 16702
Ion Ratio Lower Upper
43 100
61 13.9 10.6 15.8
70 10.5 8.0 12.0

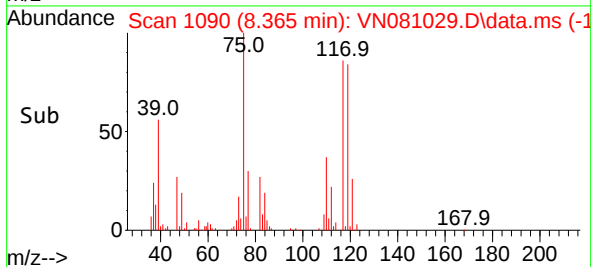
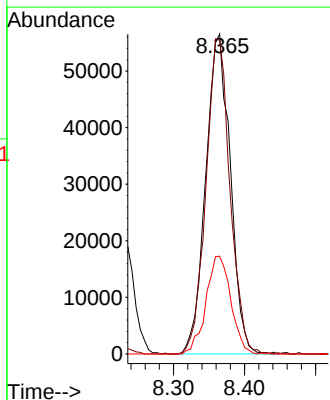
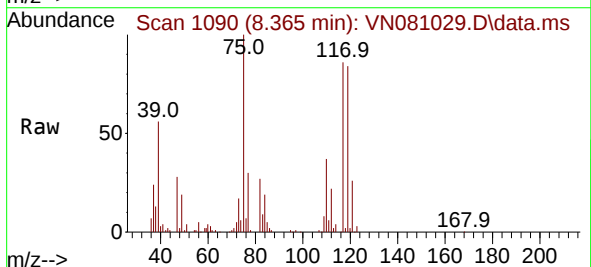
Manual Integrations
APPROVED

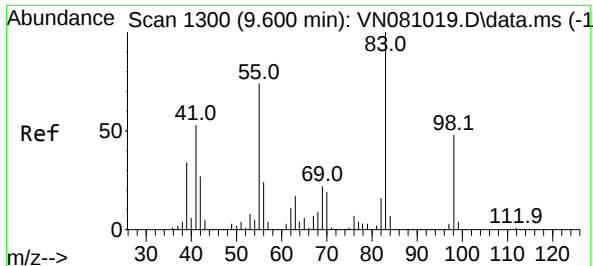
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#38
Carbon Tetrachloride
Concen: 20.600 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Tgt Ion:117 Resp: 136175
Ion Ratio Lower Upper
117 100
119 98.0 73.4 110.2
121 30.5 24.4 36.6





#39

Methylcyclohexane

Concen: 18.210 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0214MBSD01

Tgt Ion: 83 Resp: 202324

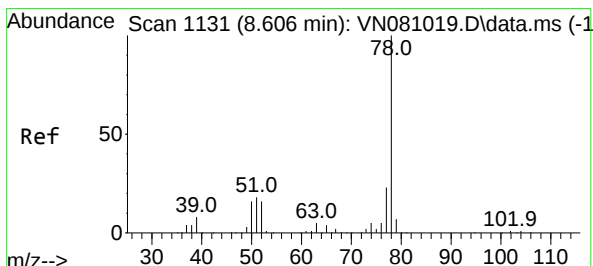
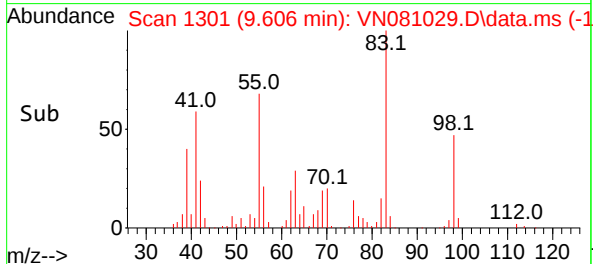
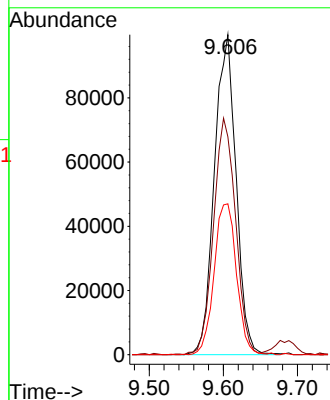
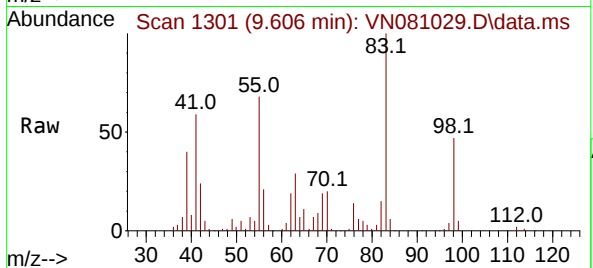
Ion	Ratio	Lower	Upper
83	100		
55	67.9	65.7	98.5
98	47.2	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#40

Benzene

Concen: 18.764 ug/l

RT: 8.606 min Scan# 1131

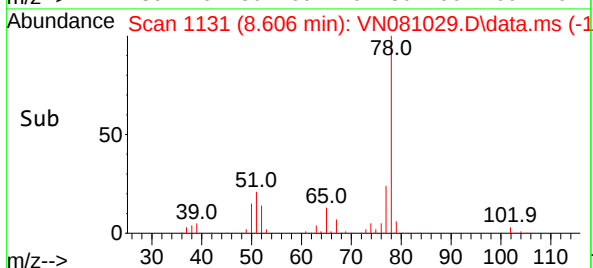
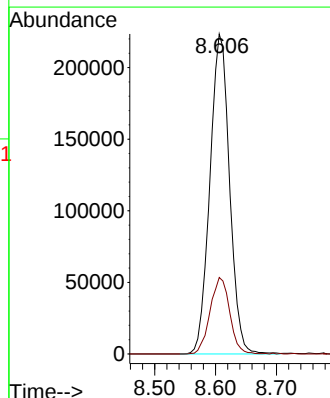
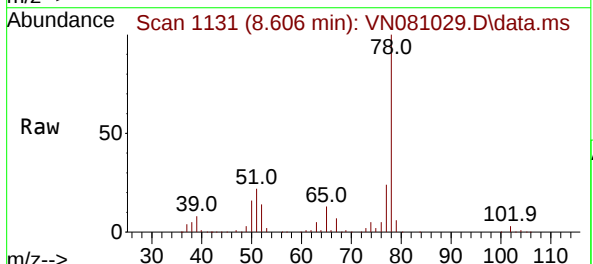
Delta R.T. 0.000 min

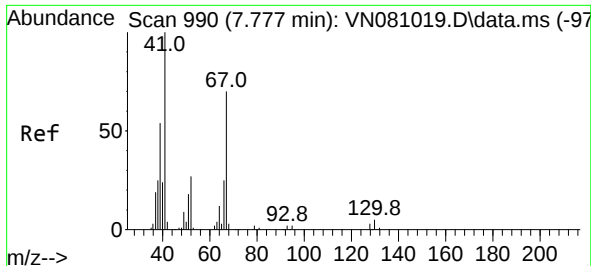
Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

Tgt Ion: 78 Resp: 501134

Ion	Ratio	Lower	Upper
78	100		
77	23.9	20.4	30.6





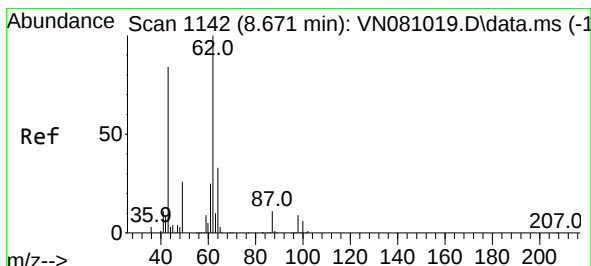
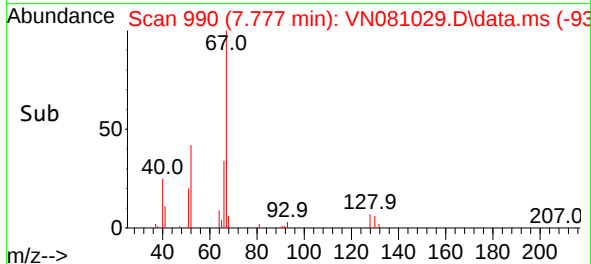
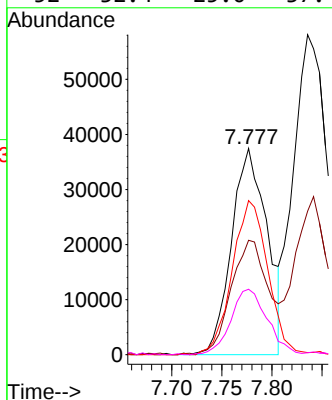
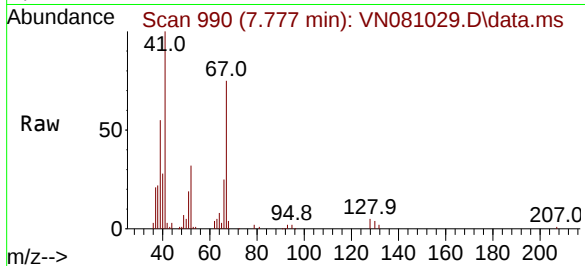
#41
Methacrylonitrile
Concen: 18.461 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01

Tgt Ion:	41	Resp:	9258
Ion	Ratio	Lower	Upper
41	100		
39	57.7	48.4	72.6
67	74.9	56.8	85.2
52	32.4	25.0	37.4

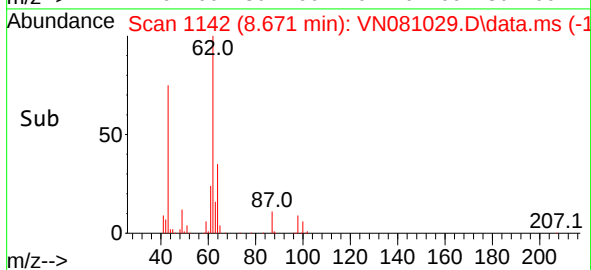
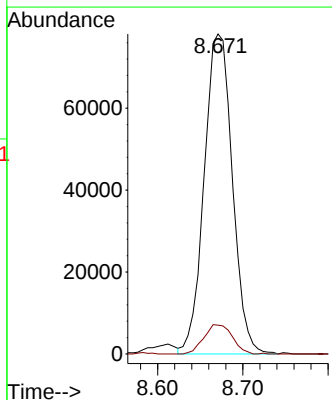
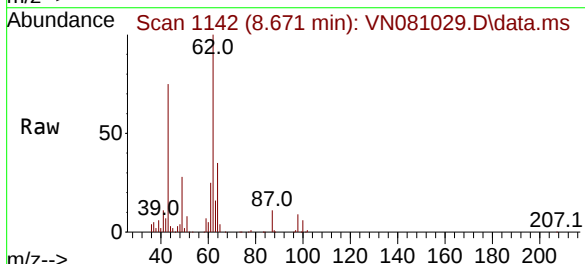
Manual Integrations
APPROVED

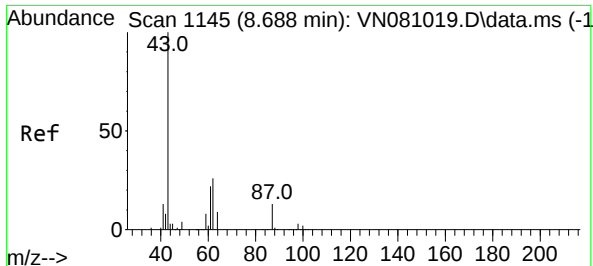
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#42
1,2-Dichloroethane
Concen: 18.970 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Tgt Ion:	62	Resp:	179837
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0





#43

Isopropyl Acetate

Concen: 18.881 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0214MBSD01

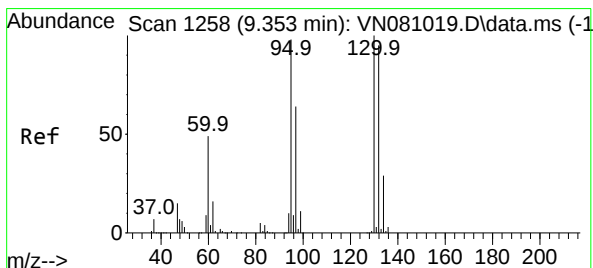
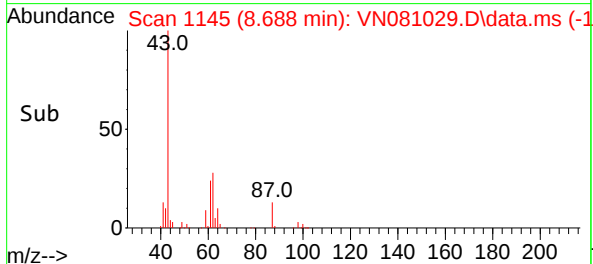
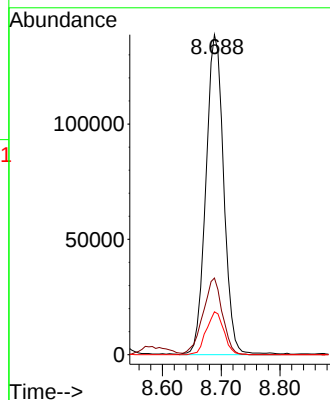
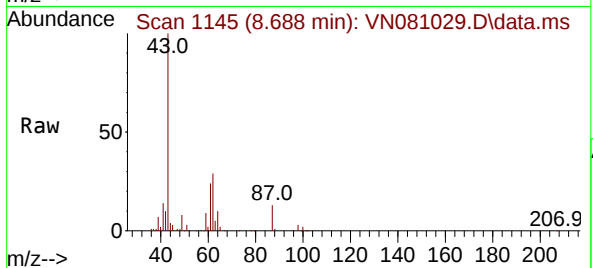
Tgt Ion:	43	Resp:	292239
Ion Ratio	Lower	Upper	
43	100		
61	26.0	19.9	29.9
87	13.2	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#44

Trichloroethene

Concen: 16.854 ug/l

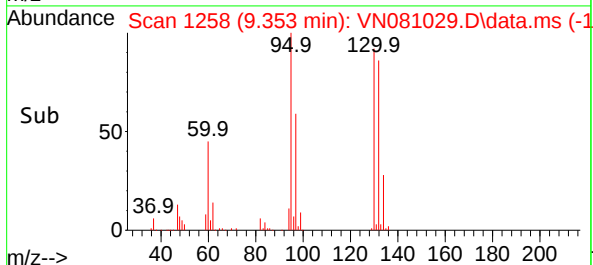
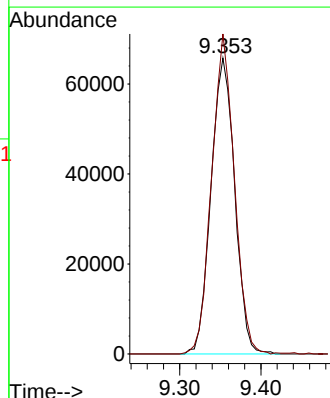
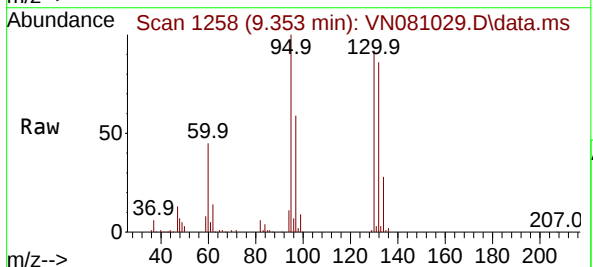
RT: 9.353 min Scan# 1258

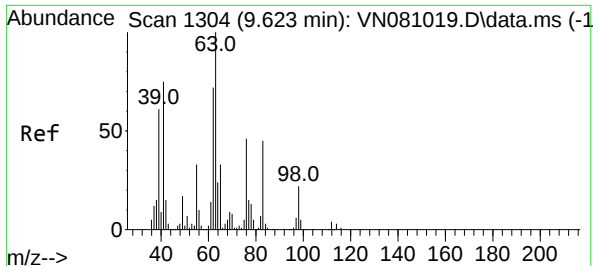
Delta R.T. 0.000 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

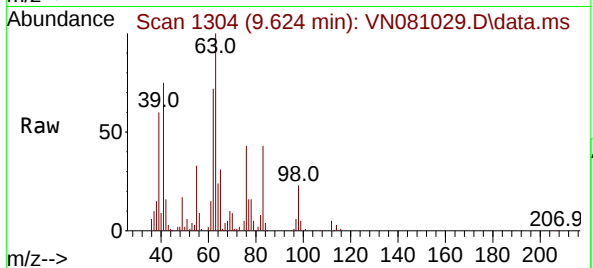
Tgt Ion:	130	Resp:	133321
Ion Ratio	Lower	Upper	
130	100		
95	108.2	0.0	210.4





#45
1,2-Dichloropropane
Concen: 19.596 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

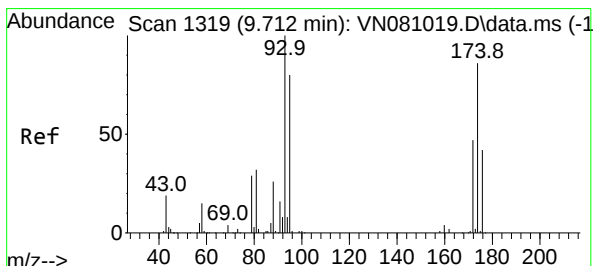
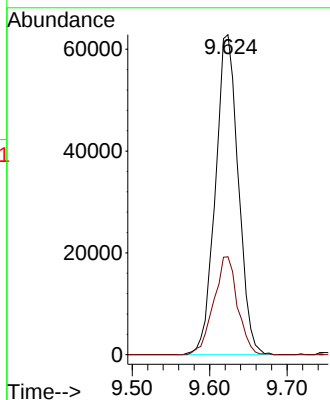
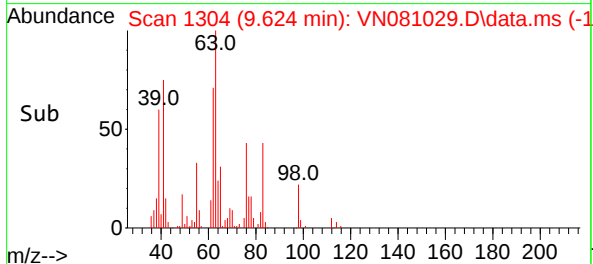
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



Tgt Ion: 63 Resp: 129459
Ion Ratio Lower Upper
63 100
65 30.6 26.1 39.1

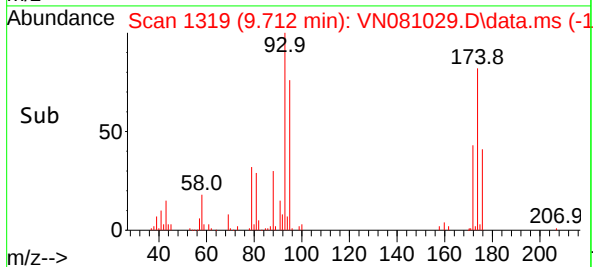
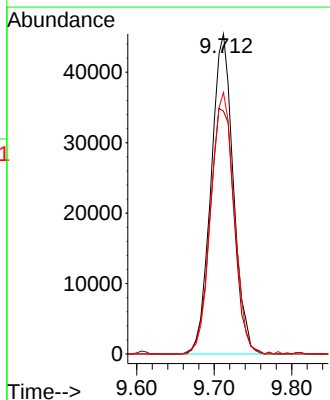
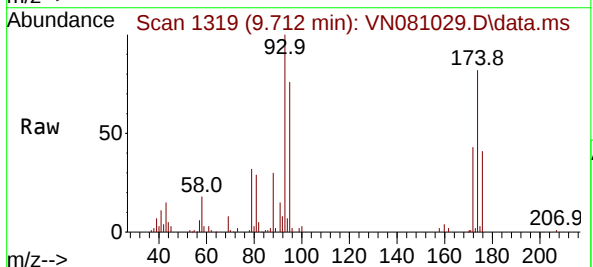
Manual Integrations
APPROVED

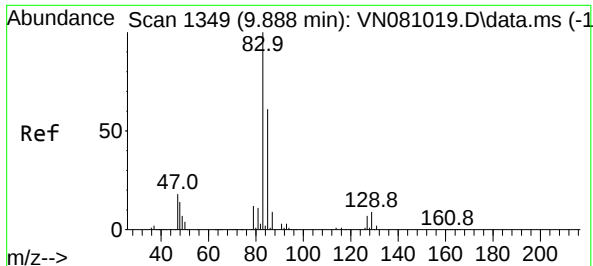
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#46
Dibromomethane
Concen: 19.415 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Tgt Ion: 93 Resp: 90537
Ion Ratio Lower Upper
93 100
95 83.2 68.1 102.1
174 85.0 57.2 85.8





#47

Bromodichloromethane

Concen: 18.967 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0214MBSD01

Tgt Ion: 83 Resp: 173349

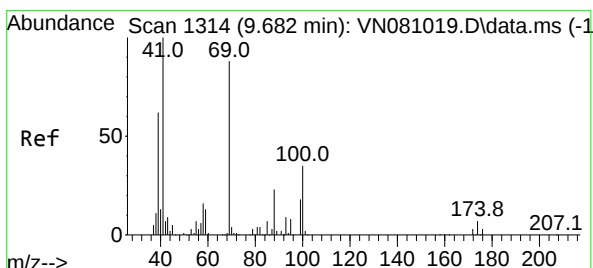
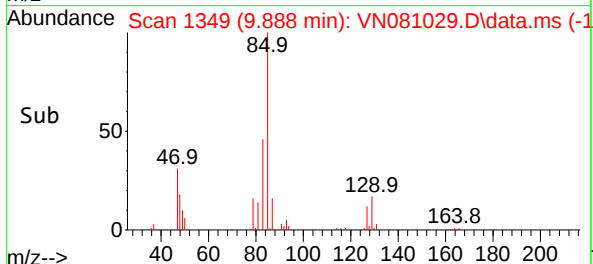
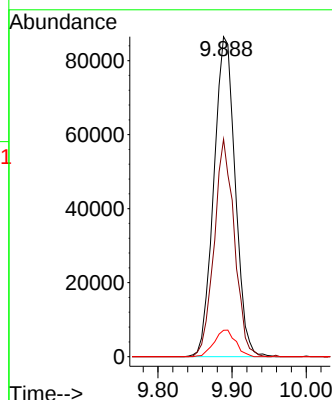
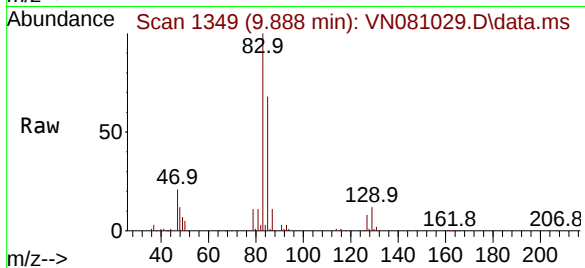
Ion	Ratio	Lower	Upper
83	100		
85	67.9	52.3	78.5
127	8.2	4.6	7.0

Manual Integrations

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Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#48

Methyl methacrylate

Concen: 18.700 ug/l

RT: 9.683 min Scan# 1314

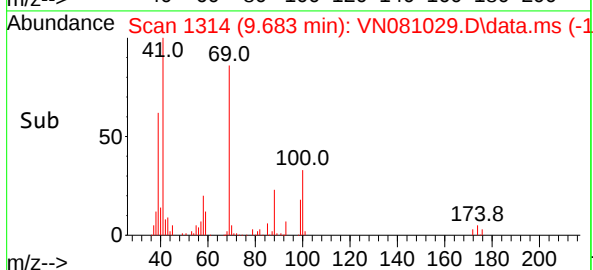
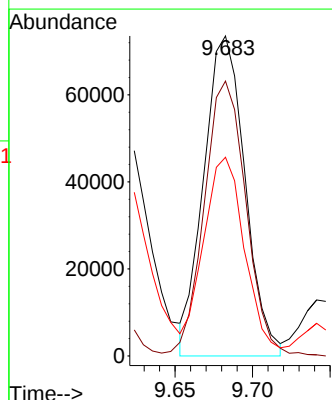
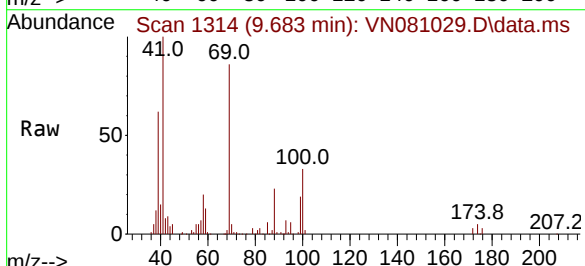
Delta R.T. 0.001 min

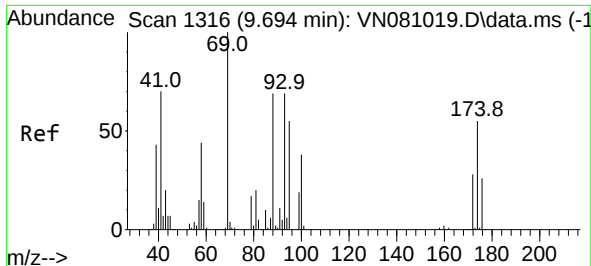
Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

Tgt Ion: 41 Resp: 136278

Ion	Ratio	Lower	Upper
41	100		
69	87.1	62.2	93.2
39	62.2	47.6	71.4





#49

1,4-Dioxane

Concen: 390.334 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0214MBSD01

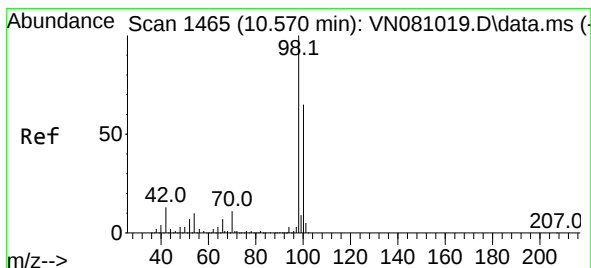
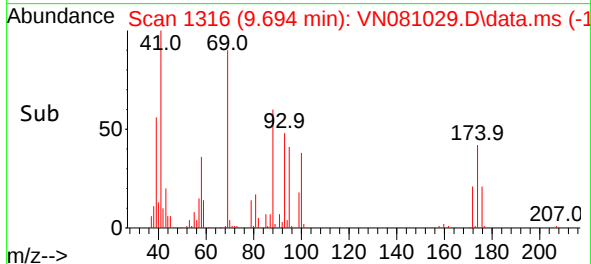
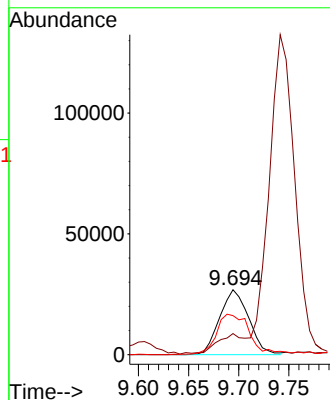
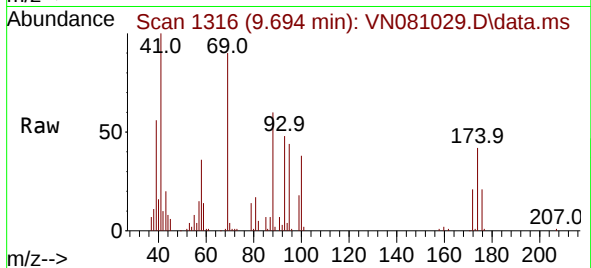
Tgt Ion: 88 Resp: 54199
 Ion Ratio Lower Upper
 88 100
 43 28.1 30.1 45.1
 58 72.0 63.9 95.9

Manual Integrations

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Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#50

Toluene-d8

Concen: 47.262 ug/l

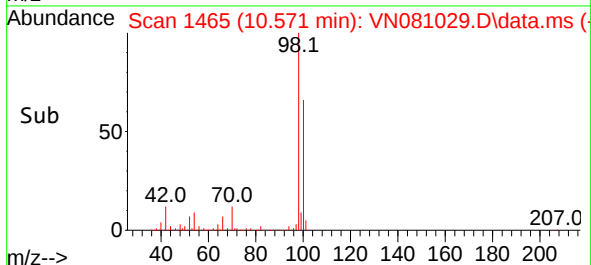
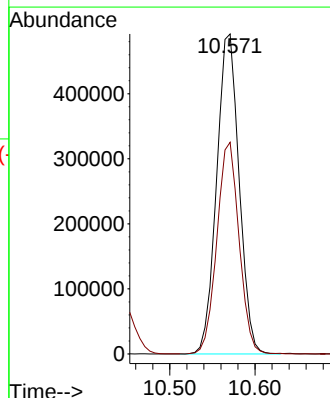
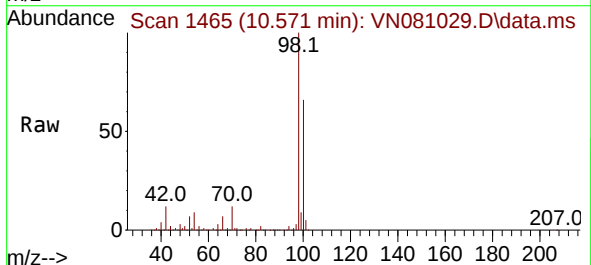
RT: 10.571 min Scan# 1465

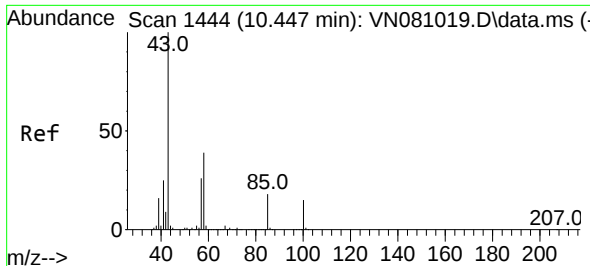
Delta R.T. 0.000 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

Tgt Ion: 98 Resp: 902215
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.4 77.0





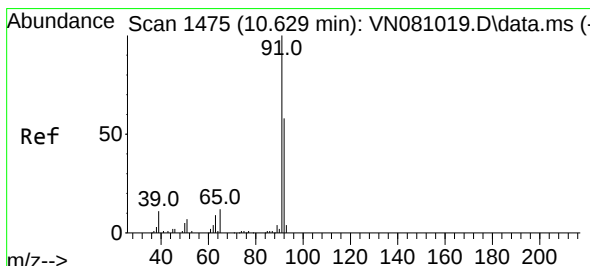
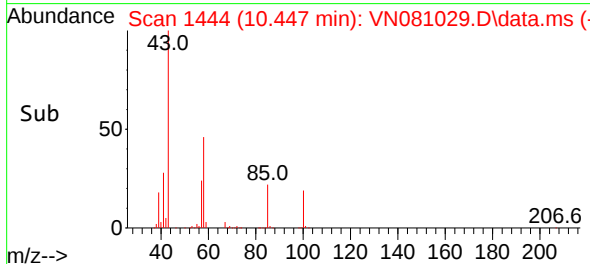
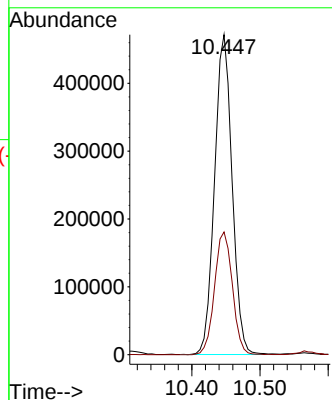
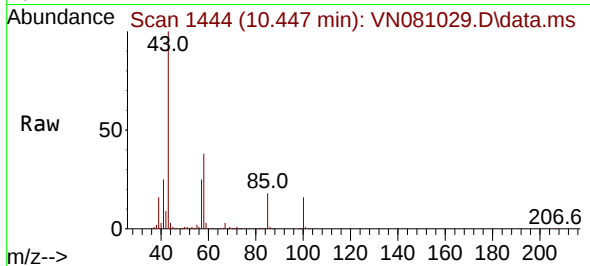
#51
4-Methyl-2-Pentanone
Concen: 98.018 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01

Tgt Ion: 43 Resp: 846080
Ion Ratio Lower Upper
43 100
58 39.0 29.4 44.0

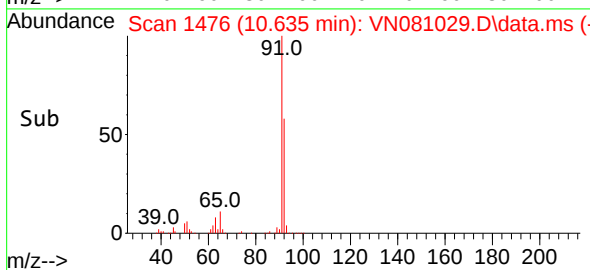
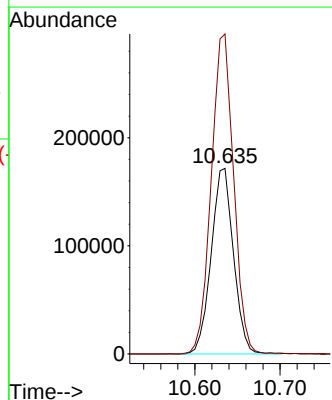
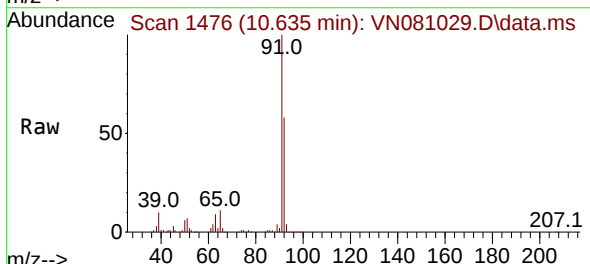
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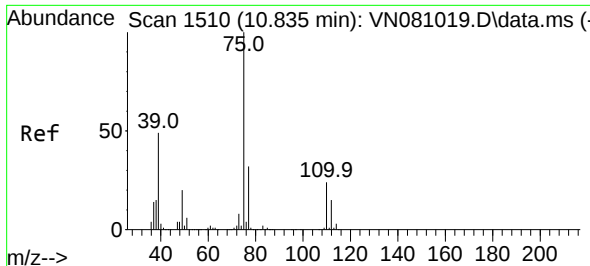
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#52
Toluene
Concen: 18.711 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

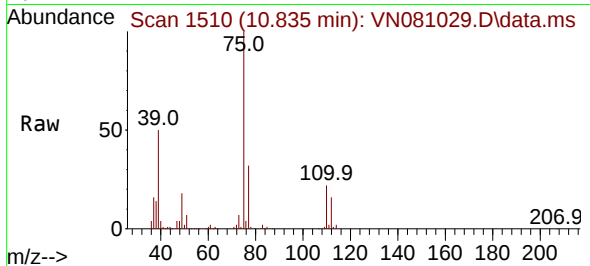
Tgt Ion: 92 Resp: 312155
Ion Ratio Lower Upper
92 100
91 173.4 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 18.715 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

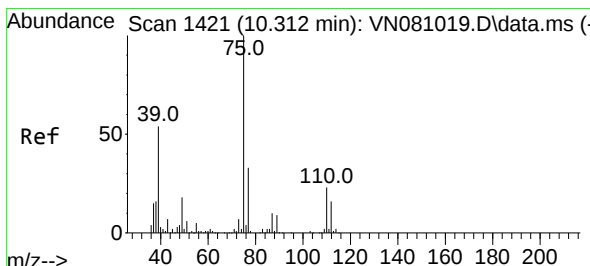
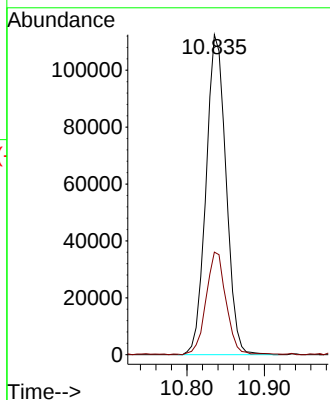
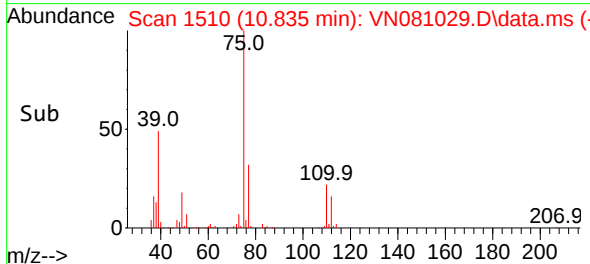
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



Tgt Ion: 75 Resp: 20151
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3

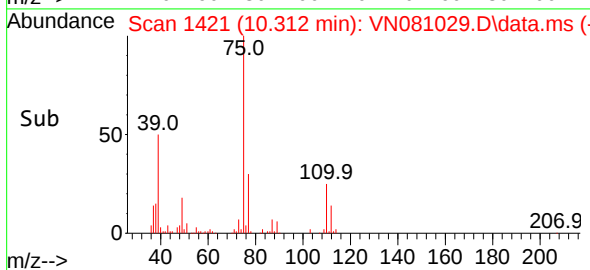
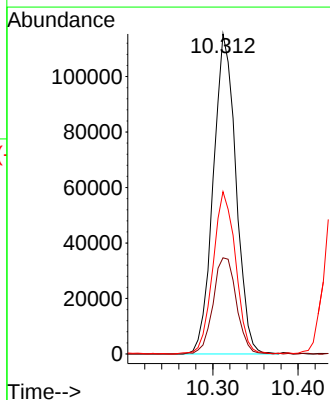
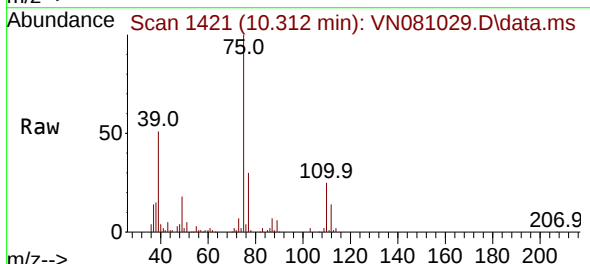
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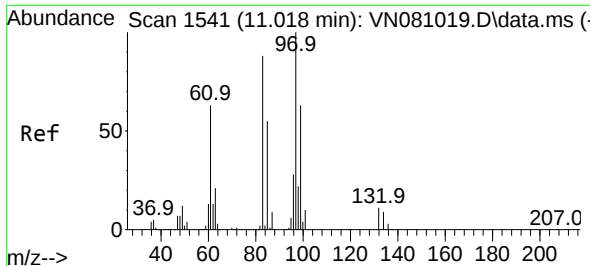
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#54
cis-1,3-Dichloropropene
Concen: 18.685 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

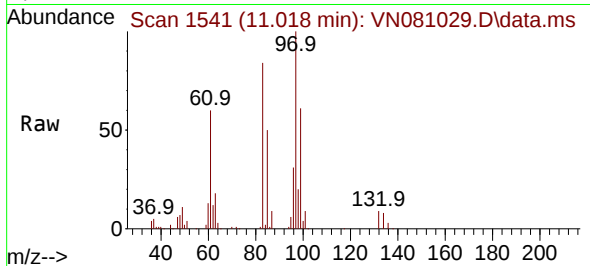
Tgt Ion: 75 Resp: 212776
Ion Ratio Lower Upper
75 100
77 30.1 23.3 34.9
39 50.6 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.481 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

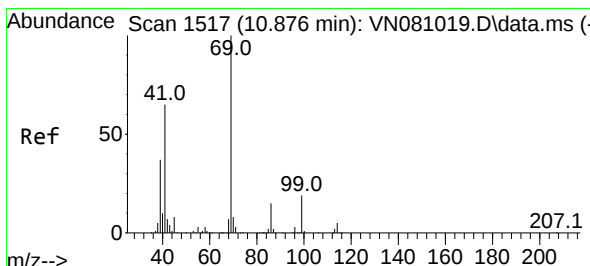
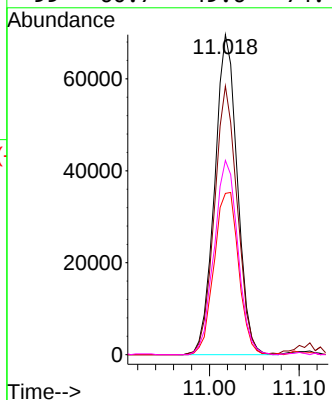
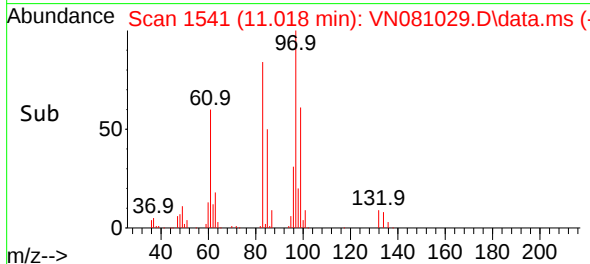
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



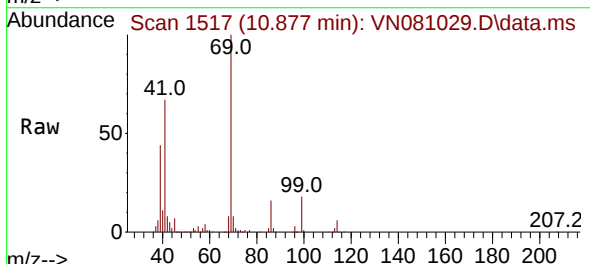
Tgt Ion: 97 Resp: 122214
Ion Ratio Lower Upper
97 100
83 84.0 72.9 109.3
85 50.4 50.2 75.2
99 60.7 49.6 74.4

Manual Integrations
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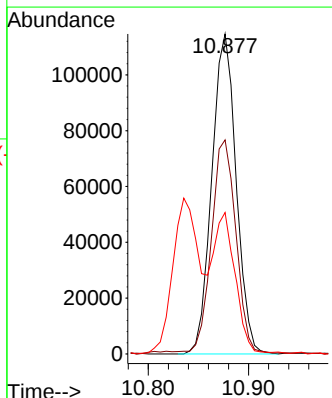
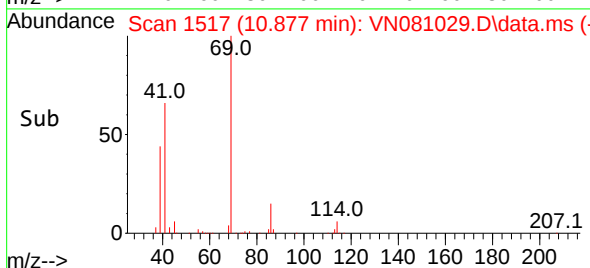
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

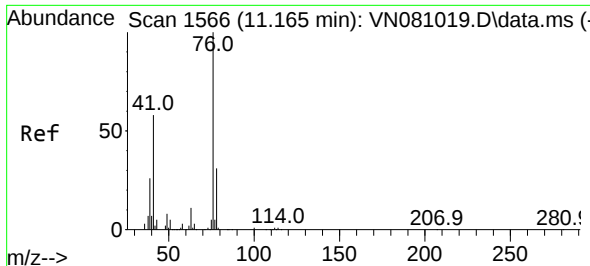


#56
Ethyl methacrylate
Concen: 18.828 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56



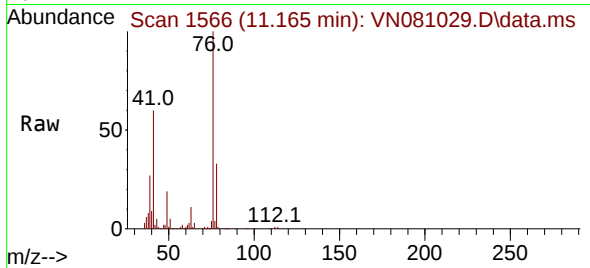
Tgt Ion: 69 Resp: 193404
Ion Ratio Lower Upper
69 100
41 67.9 61.0 91.6
39 38.9 31.8 47.6





#57
1,3-Dichloropropane
Concen: 18.980 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

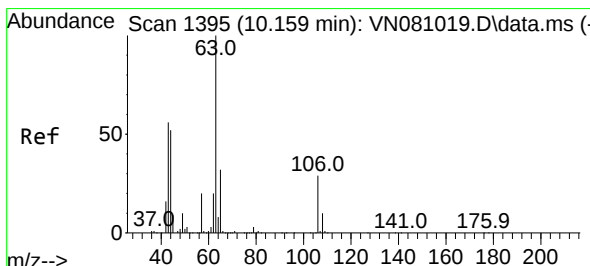
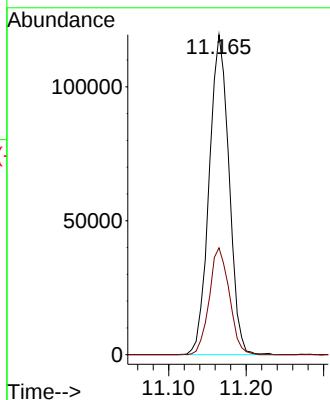
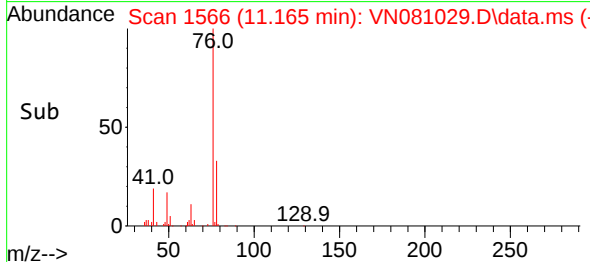
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



Tgt Ion: 76 Resp: 21271
Ion Ratio Lower Upper
76 100
78 33.7 25.5 38.3

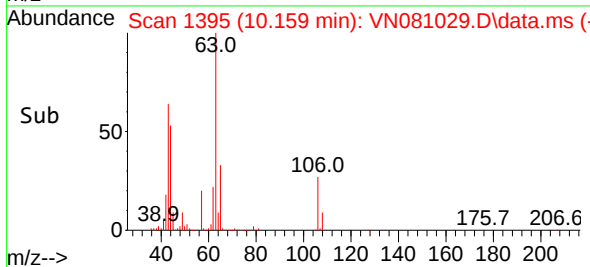
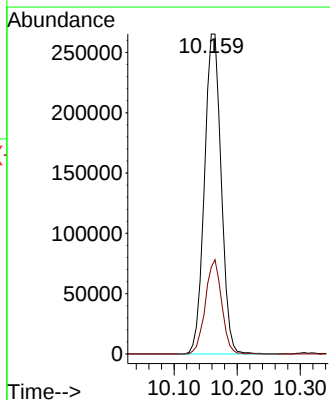
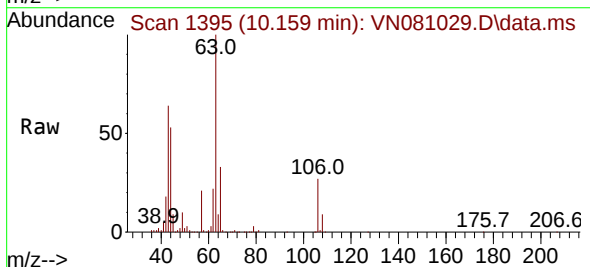
Manual Integrations
APPROVED

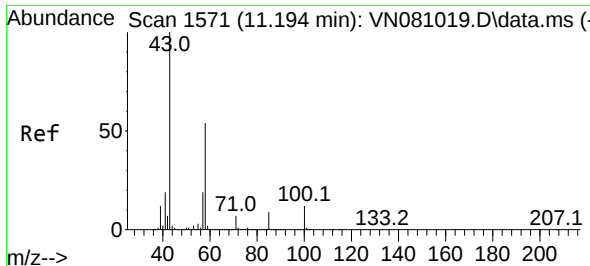
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 95.894 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Tgt Ion: 63 Resp: 488767
Ion Ratio Lower Upper
63 100
106 28.7 18.6 28.0#





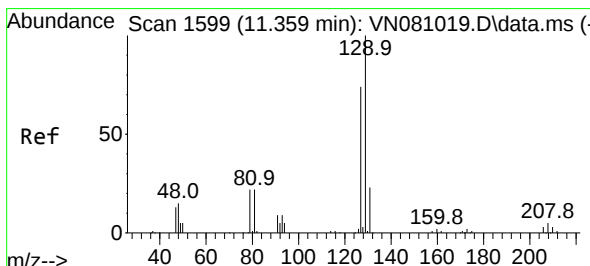
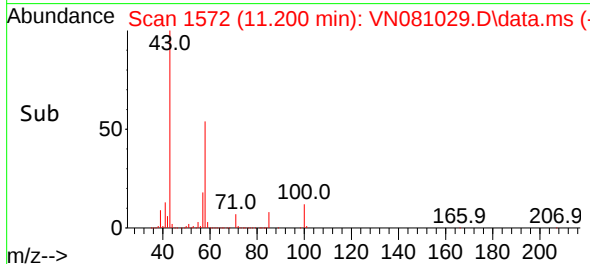
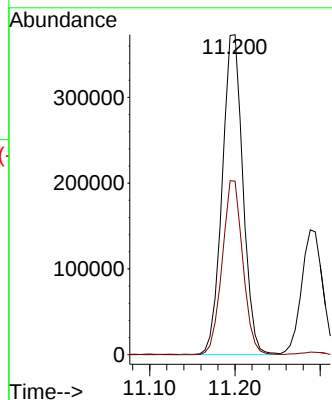
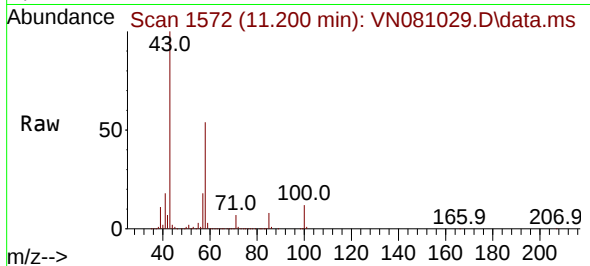
#59
2-Hexanone
Concen: 99.454 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01

Tgt Ion: 43 Resp: 630484
Ion Ratio Lower Upper
43 100
58 54.3 25.9 77.8

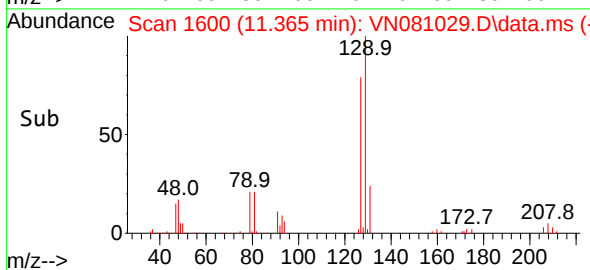
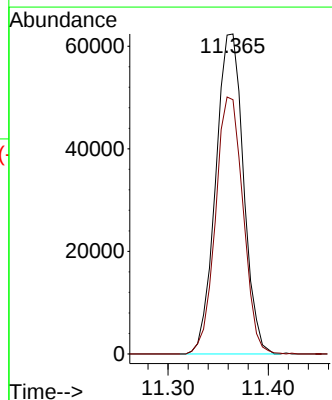
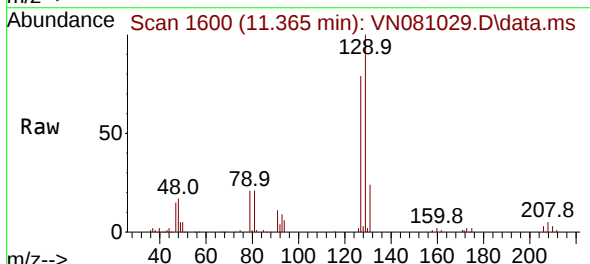
Manual Integrations
APPROVED

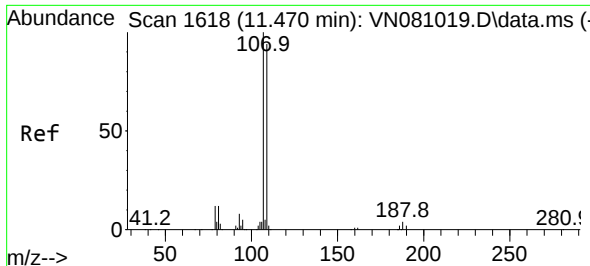
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#60
Dibromochloromethane
Concen: 20.155 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

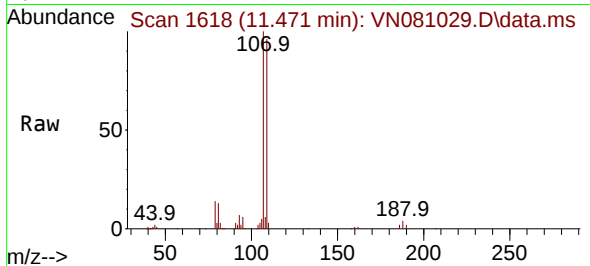
Tgt Ion:129 Resp: 120235
Ion Ratio Lower Upper
129 100
127 79.5 39.4 118.2





#61
1,2-Dibromoethane
Concen: 19.462 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

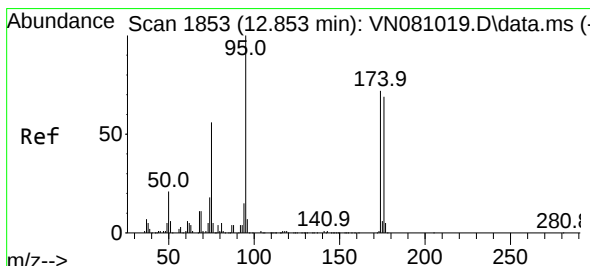
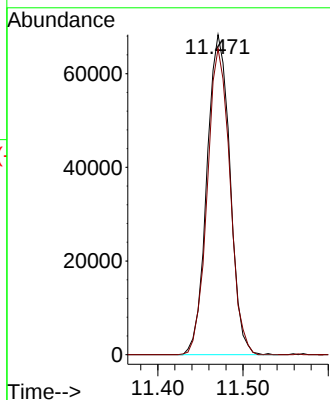
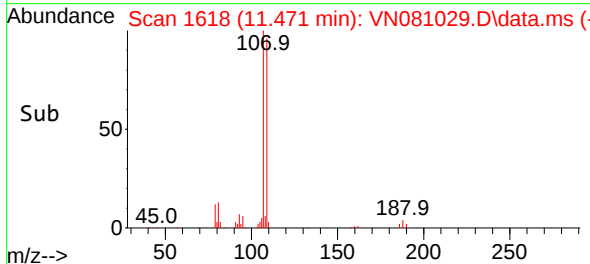
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



Tgt Ion:107 Resp: 12837
Ion Ratio Lower Upper
107 100
109 94.2 73.4 110.2

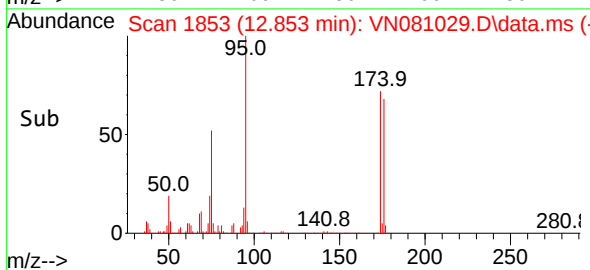
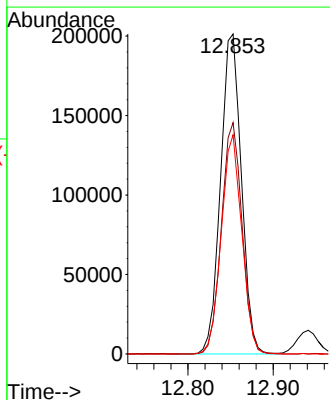
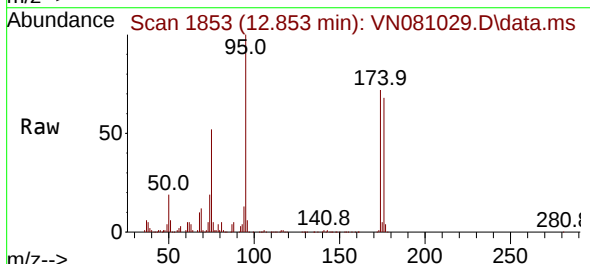
Manual Integrations
APPROVED

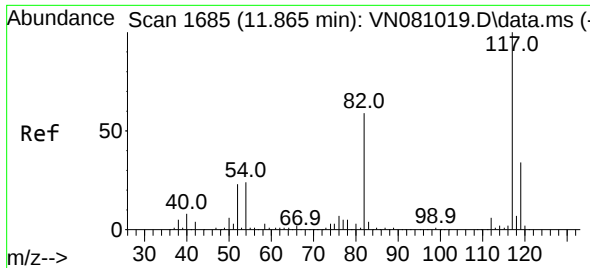
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#62
4-Bromofluorobenzene
Concen: 52.654 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Tgt Ion: 95 Resp: 341854
Ion Ratio Lower Upper
95 100
174 71.7 0.0 120.4
176 67.7 0.0 121.0





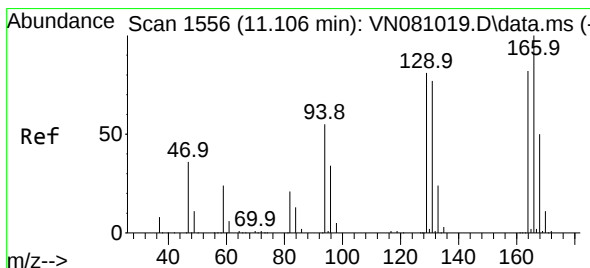
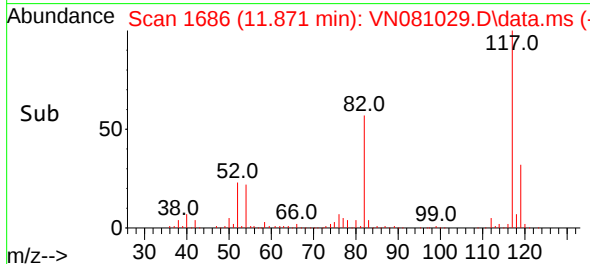
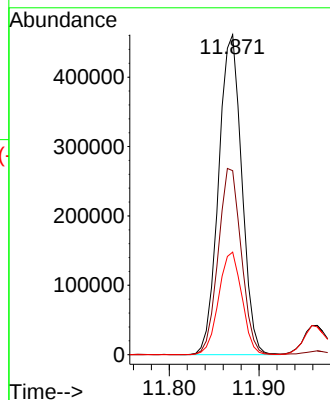
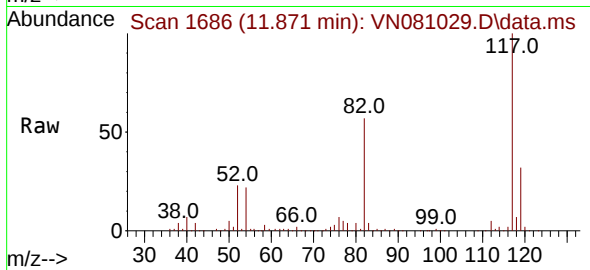
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01

Tgt Ion:117 Resp: 827308
Ion Ratio Lower Upper
117 100
82 57.5 52.7 79.1
119 32.1 25.3 37.9

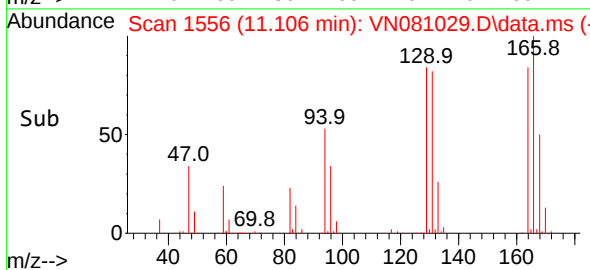
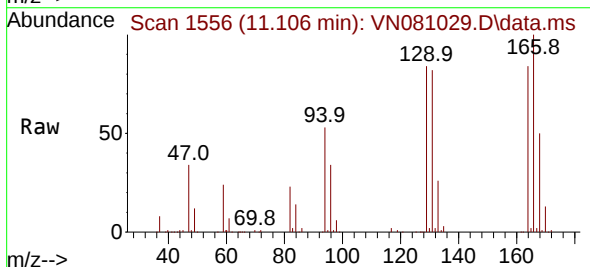
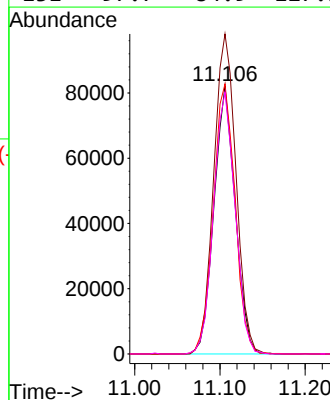
Manual Integrations
APPROVED

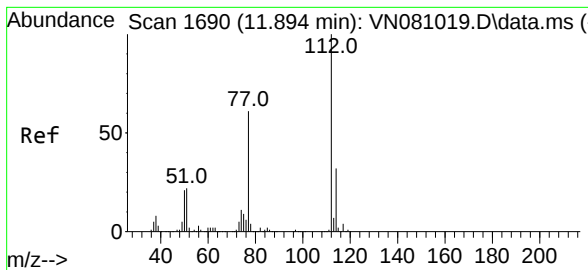
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#64
Tetrachloroethene
Concen: 16.846 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Tgt Ion:164 Resp: 142078
Ion Ratio Lower Upper
164 100
166 119.5 105.8 158.6
129 100.8 89.6 134.4
131 97.7 84.9 127.3





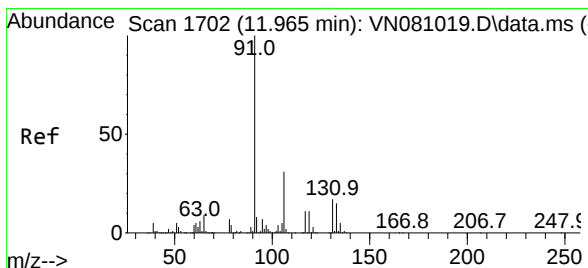
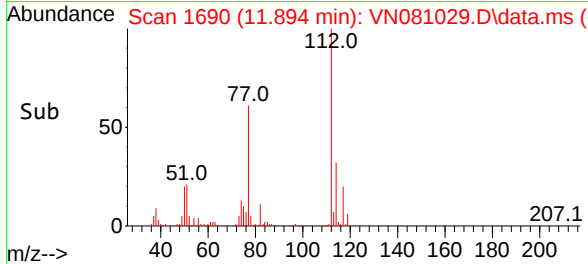
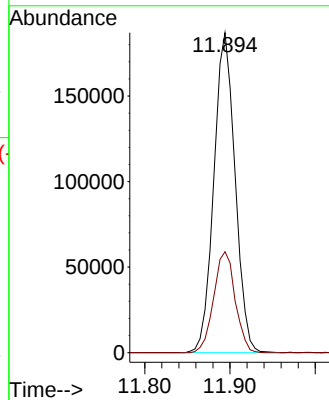
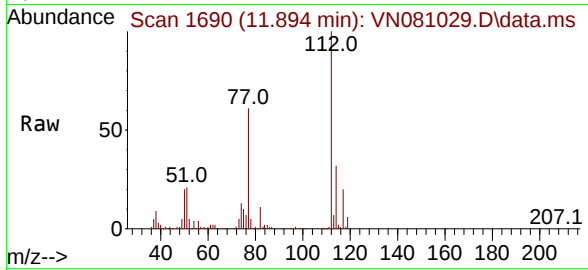
#65
Chlorobenzene
Concen: 18.639 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01

Tgt Ion:112 Resp: 323352
Ion Ratio Lower Upper
112 100
114 31.5 23.7 35.5

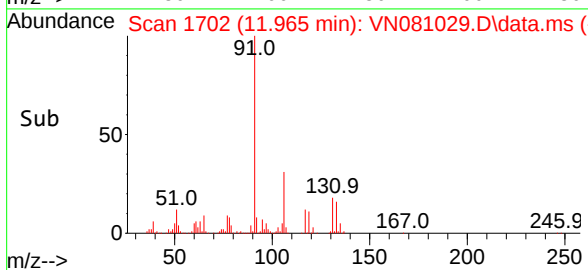
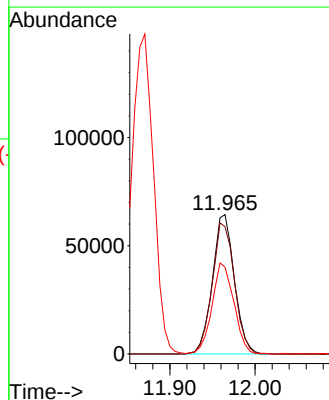
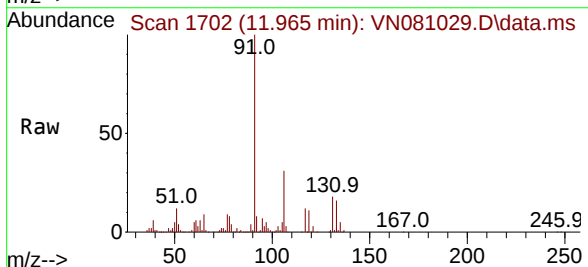
Manual Integrations
APPROVED

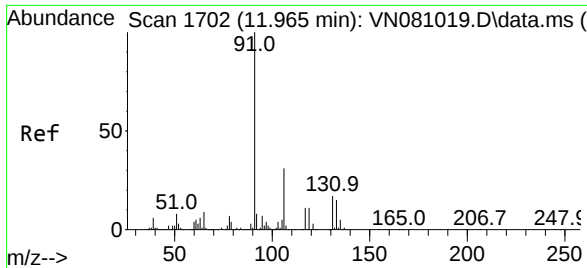
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.314 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

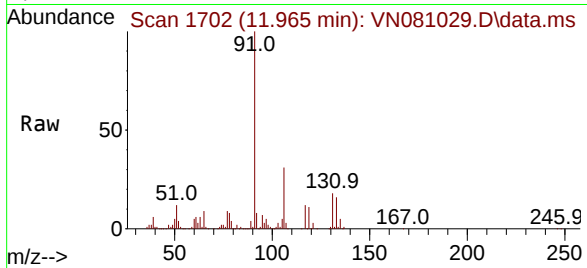
Tgt Ion:131 Resp: 115352
Ion Ratio Lower Upper
131 100
133 95.0 46.8 140.3
119 64.9 34.6 103.9





#67
Ethyl Benzene
Concen: 18.555 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

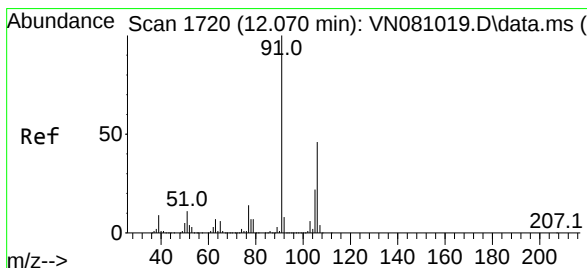
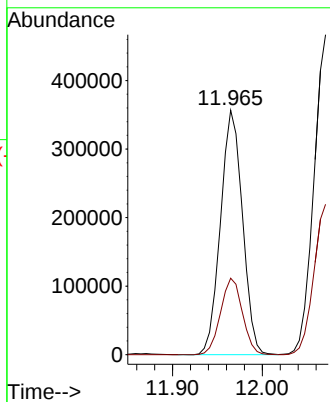
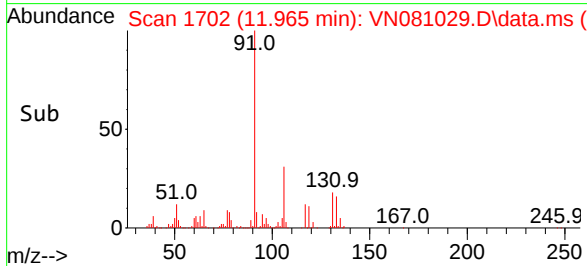
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



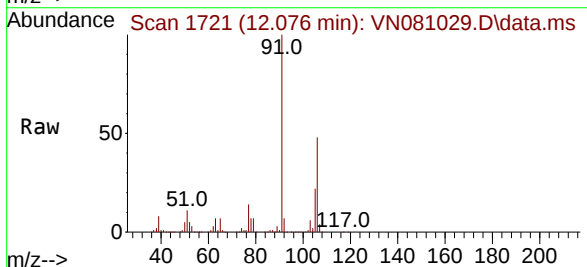
Tgt Ion: 91 Resp: 606840
Ion Ratio Lower Upper
91 100
106 31.3 23.8 35.6

Manual Integrations
APPROVED

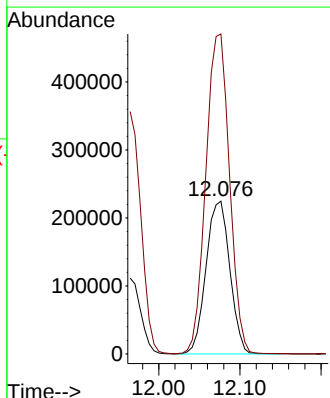
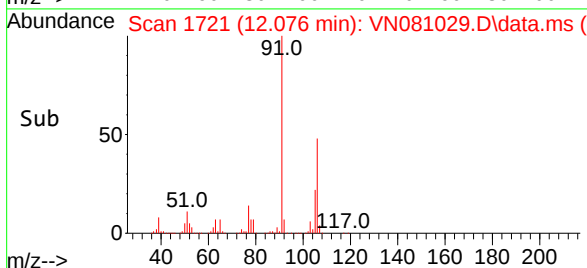
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

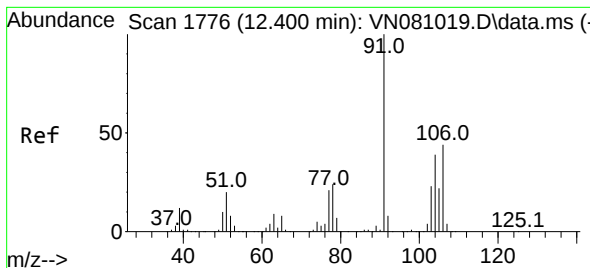


#68
m/p-Xylenes
Concen: 37.963 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56



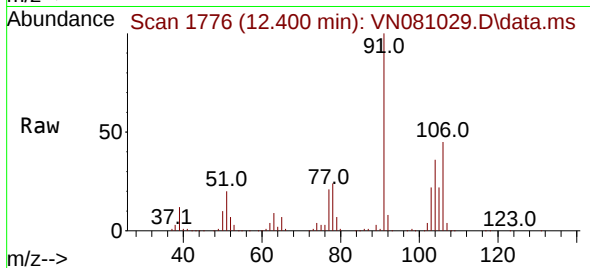
Tgt Ion:106 Resp: 457867
Ion Ratio Lower Upper
106 100
91 208.7 169.0 253.6





#69
o-Xylene
Concen: 19.163 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

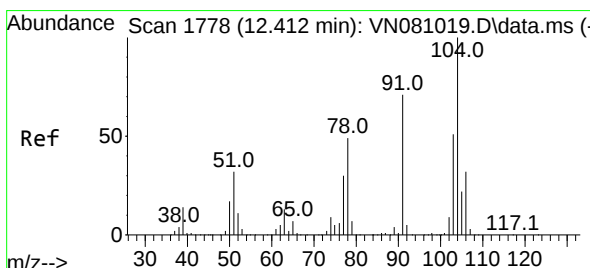
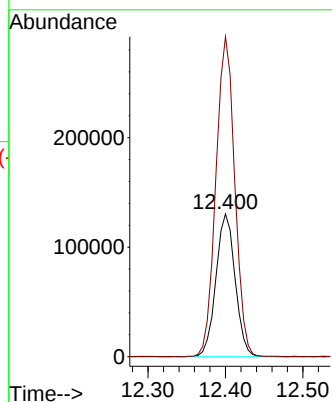
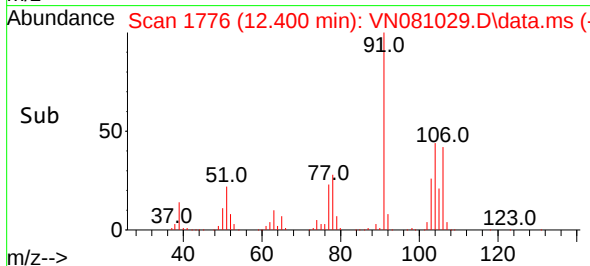
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBS01



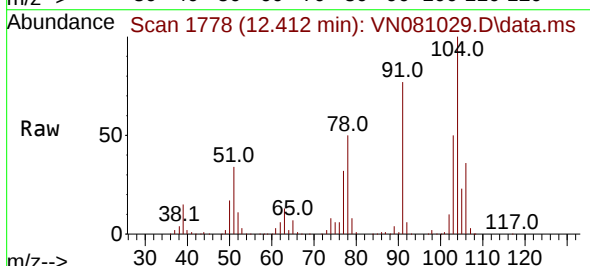
Tgt Ion:106 Resp: 22415
Ion Ratio Lower Upper
106 100
91 221.1 112.1 336.3

Manual Integrations
APPROVED

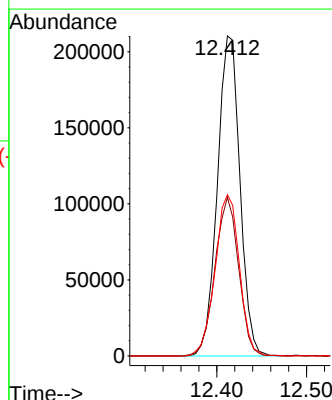
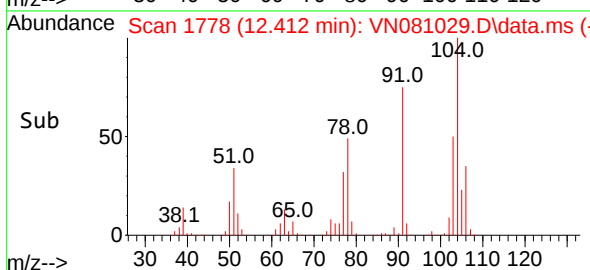
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

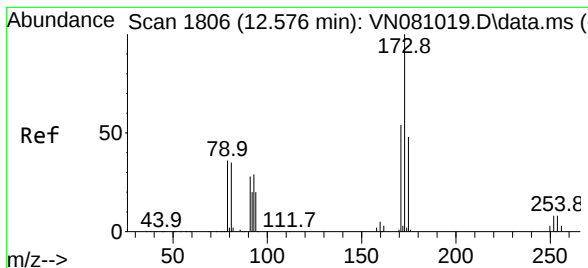


#70
Styrene
Concen: 19.730 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56



Tgt Ion:104 Resp: 367830
Ion Ratio Lower Upper
104 100
78 51.9 43.8 65.8
103 54.3 44.2 66.2





#71

Bromoform

Concen: 23.413 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0214MBSD01

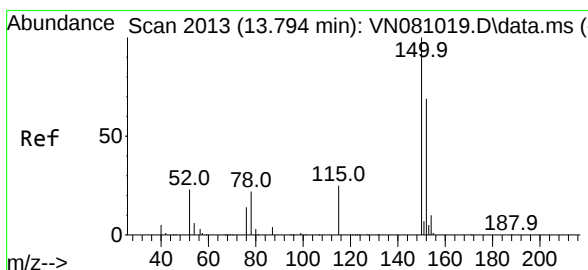
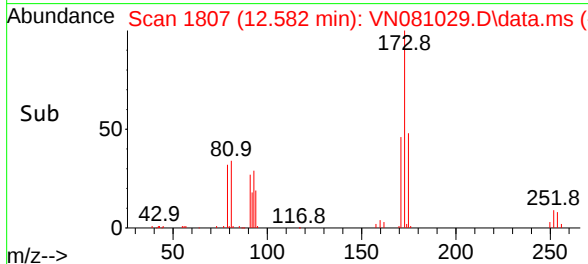
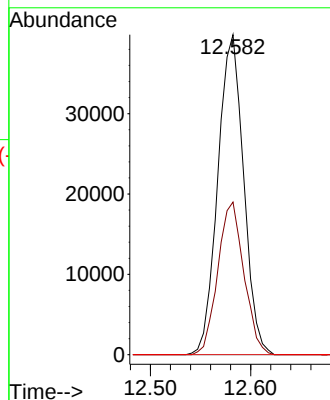
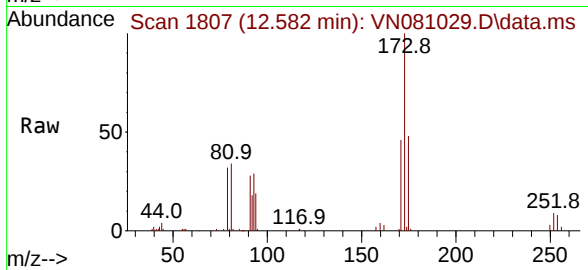
Tgt Ion:173 Resp: 71144
 Ion Ratio Lower Upper
 173 100
 175 48.2 23.1 69.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

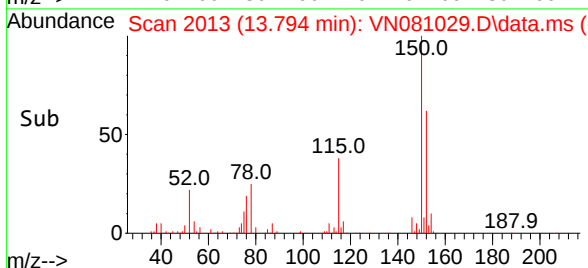
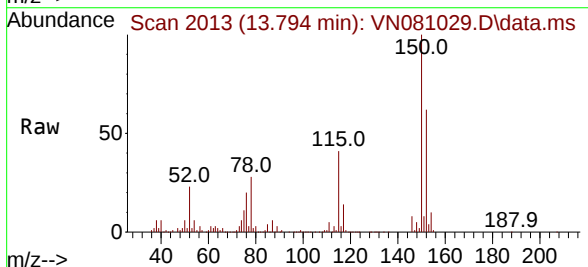
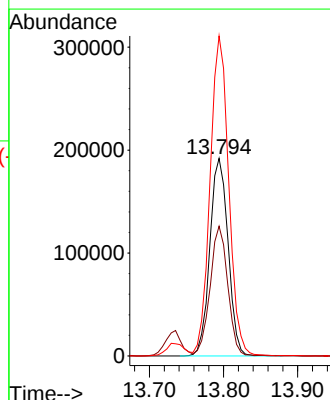
RT: 13.794 min Scan# 2013

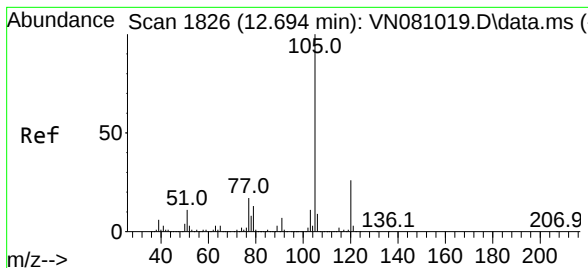
Delta R.T. 0.000 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

Tgt Ion:152 Resp: 328589
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.3 96.8
 150 165.2 0.0 339.8





#73

Isopropylbenzene

Concen: 17.625 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0214MBSD01

Tgt Ion:105 Resp: 585124

Ion Ratio Lower Upper

105 100

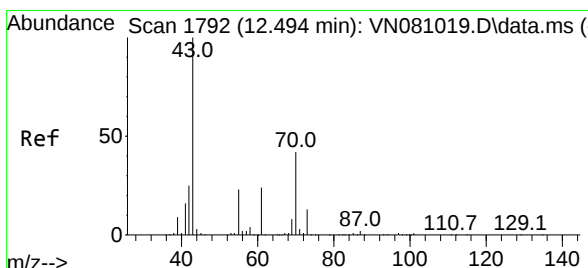
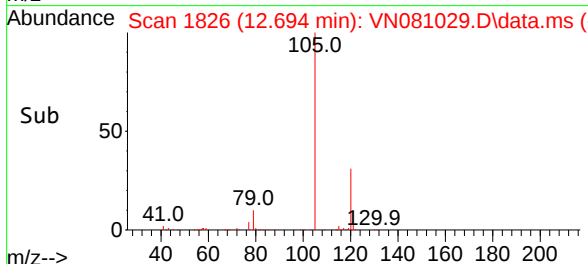
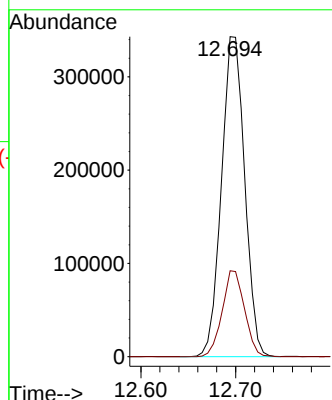
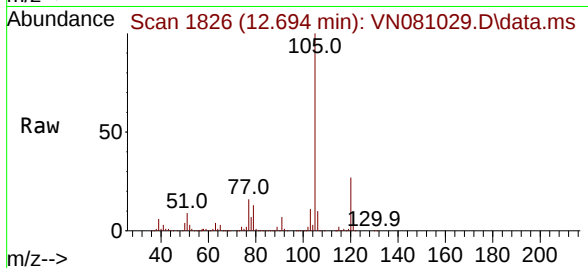
120 25.8 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#74

N-ethyl acetate

Concen: 17.923 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

Tgt Ion: 43 Resp: 273757

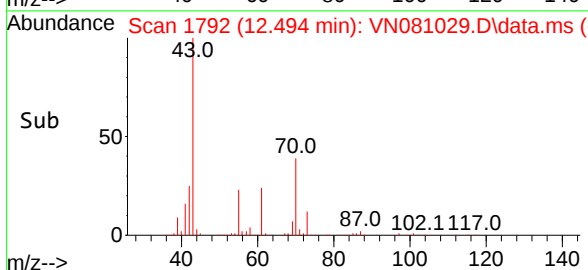
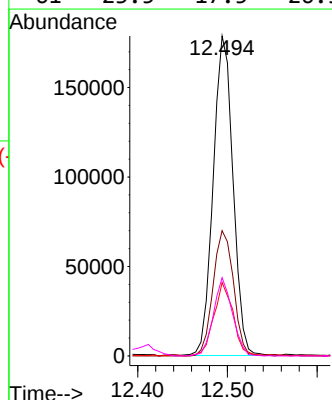
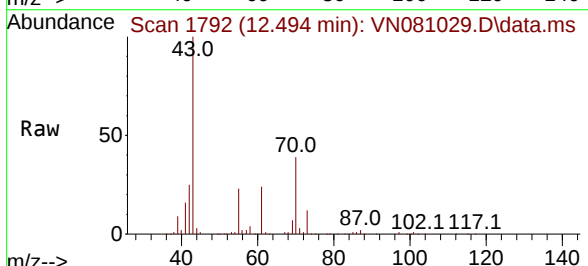
Ion Ratio Lower Upper

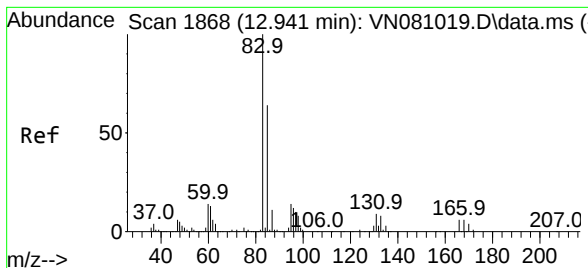
43 100

70 40.5 30.1 45.1

55 22.5 17.0 25.4

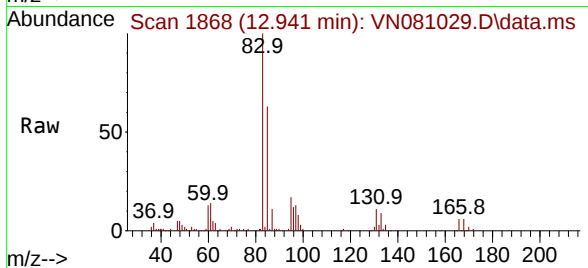
61 23.5 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 18.359 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

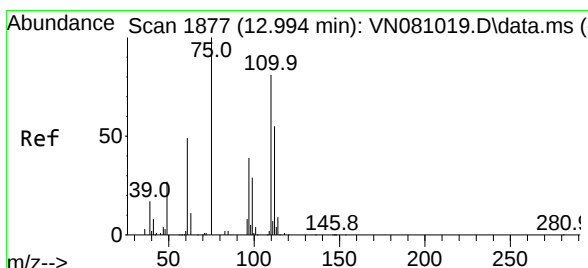
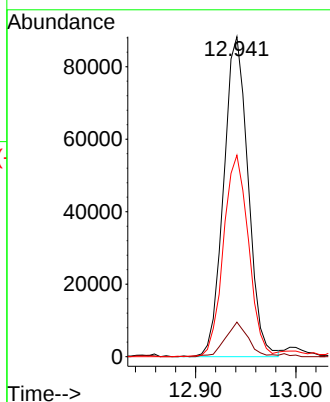
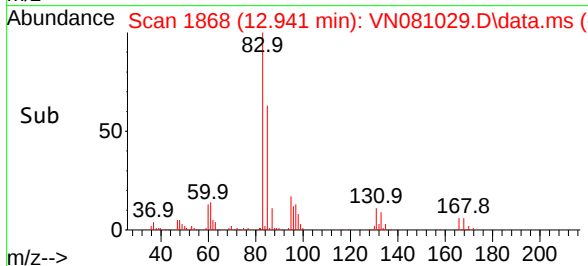
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



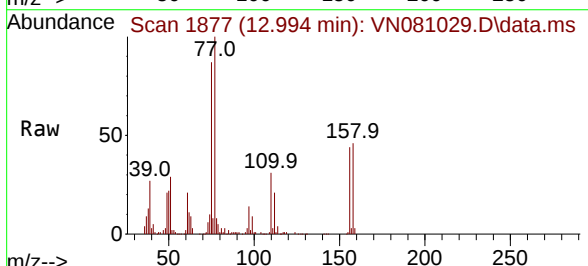
Tgt Ion: 83 Resp: 14960
Ion Ratio Lower Upper
83 100
131 10.2 4.1 12.3
85 64.9 32.1 96.3

Manual Integrations
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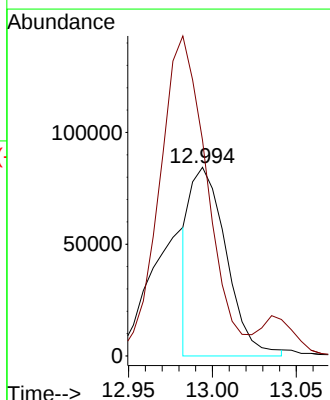
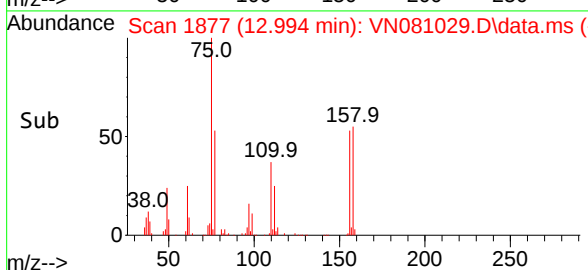
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

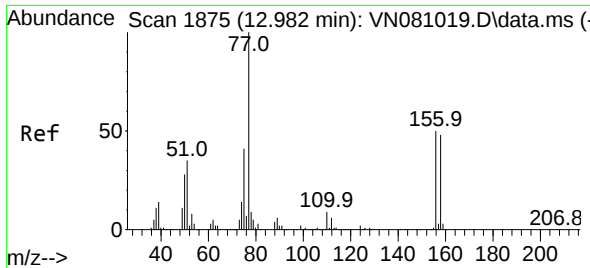


#76
1,2,3-Trichloropropane
Concen: 17.397 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56



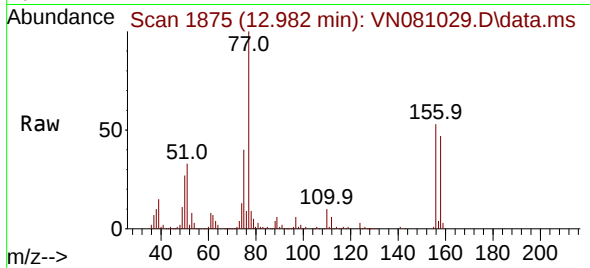
Tgt Ion: 75 Resp: 126309
Ion Ratio Lower Upper
75 100
77 225.1 91.0 272.8





#77
Bromobenzene
Concen: 18.737 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

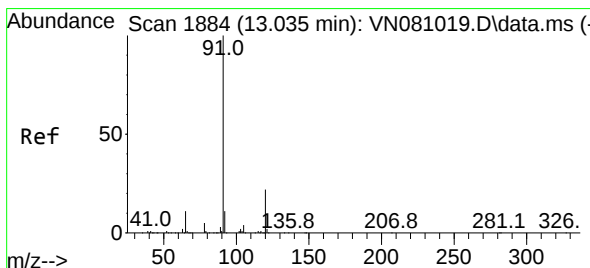
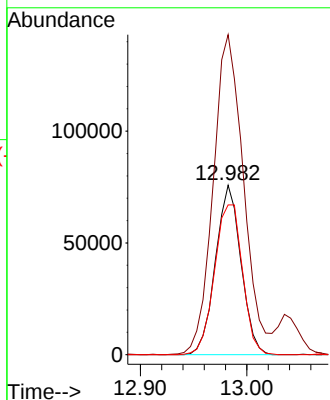
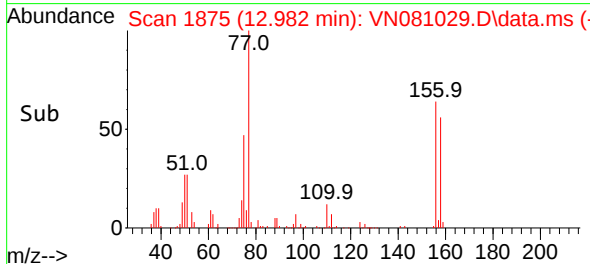
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



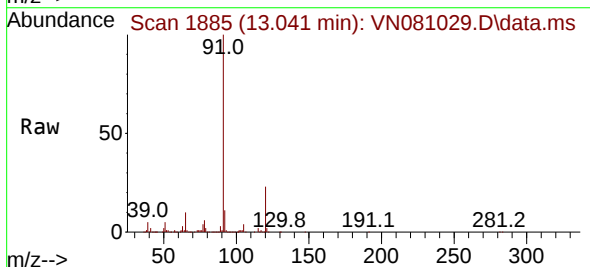
Tgt Ion:156 Resp: 125994
Ion Ratio Lower Upper
156 100
77 225.6 138.1 414.3
158 97.2 46.5 139.5

Manual Integrations
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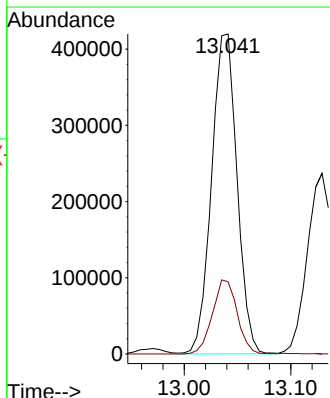
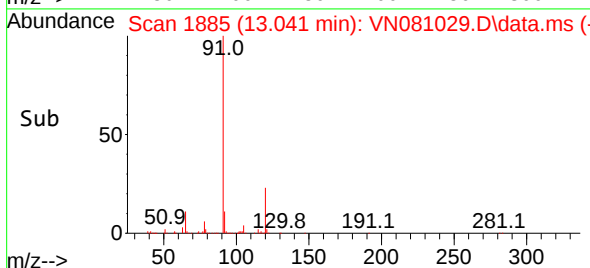
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

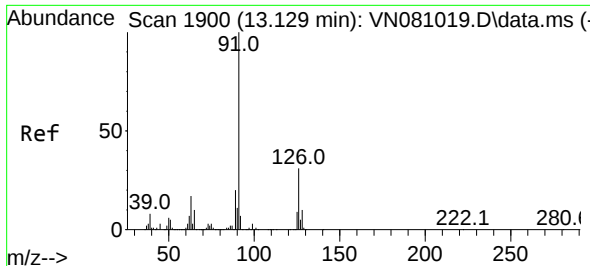


#78
n-propylbenzene
Concen: 18.390 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56



Tgt Ion: 91 Resp: 696696
Ion Ratio Lower Upper
91 100
120 22.5 10.3 30.9





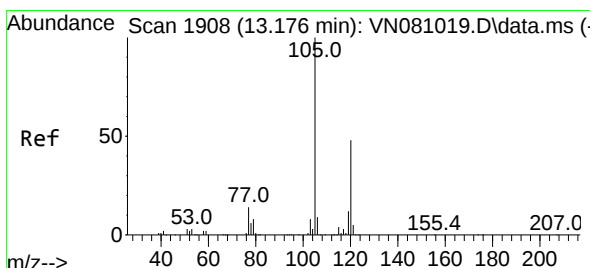
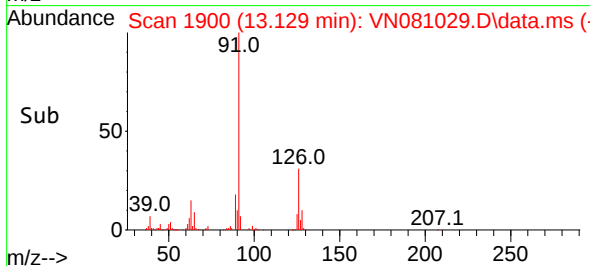
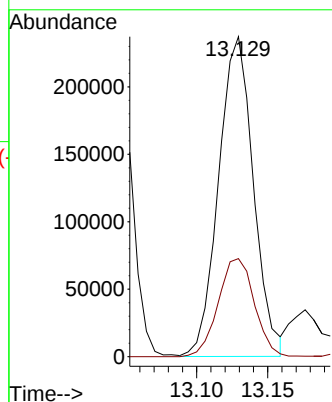
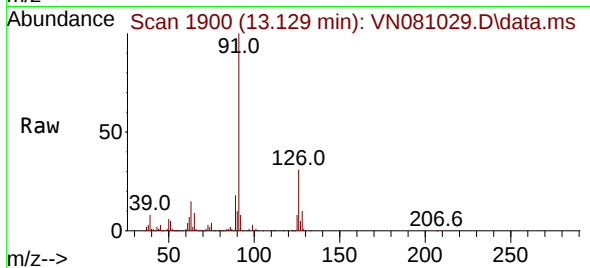
#79
2-Chlorotoluene
Concen: 18.459 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01

Tgt Ion: 91 Resp: 403908
Ion Ratio Lower Upper
91 100
126 31.9 14.8 44.4

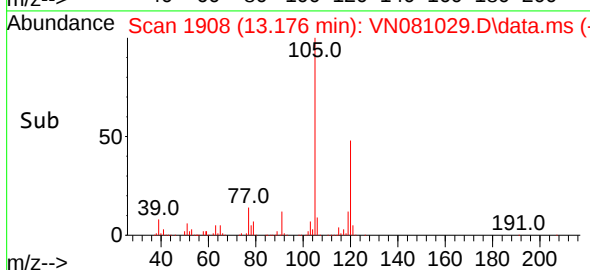
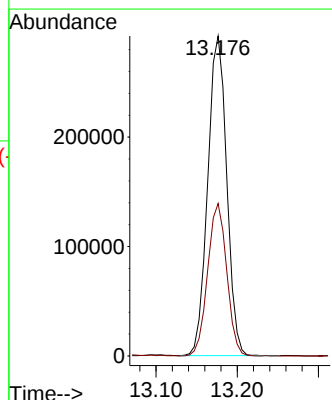
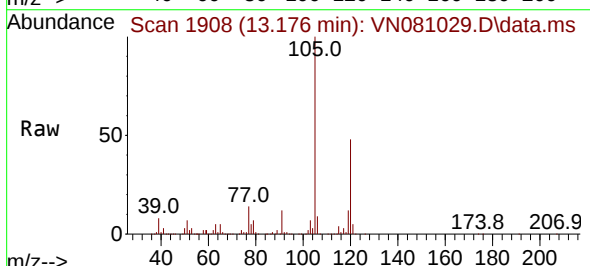
Manual Integrations
APPROVED

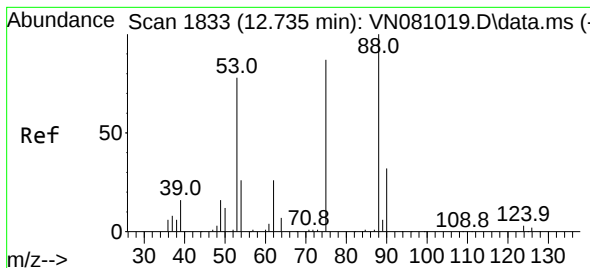
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.408 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

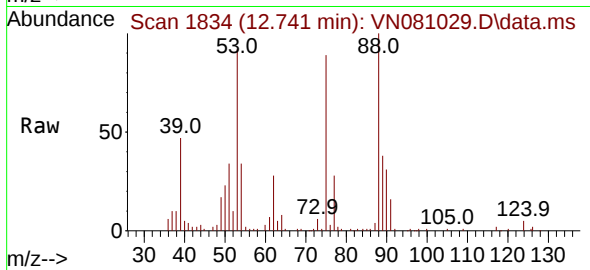
Tgt Ion:105 Resp: 474132
Ion Ratio Lower Upper
105 100
120 47.9 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.800 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

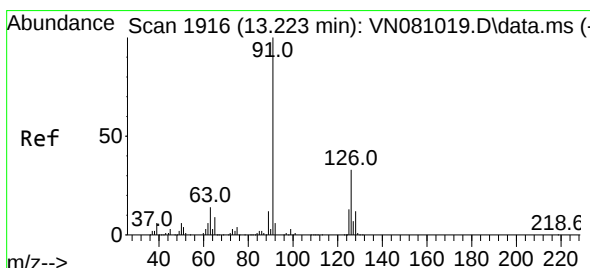
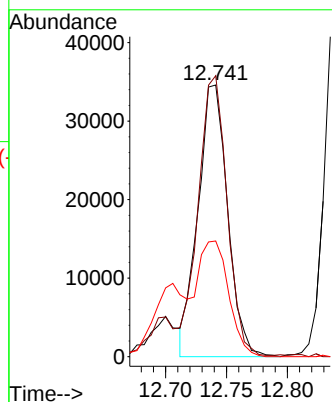
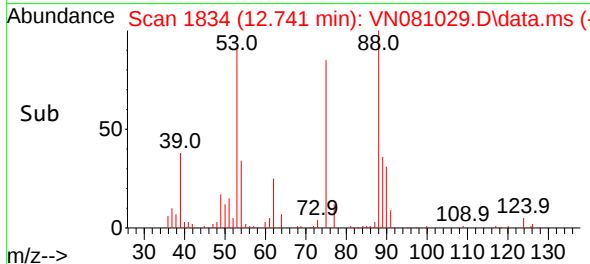
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



Tgt Ion: 75 Resp: 58630
Ion Ratio Lower Upper
75 100
53 101.8 71.4 107.2
89 45.2 33.4 50.0

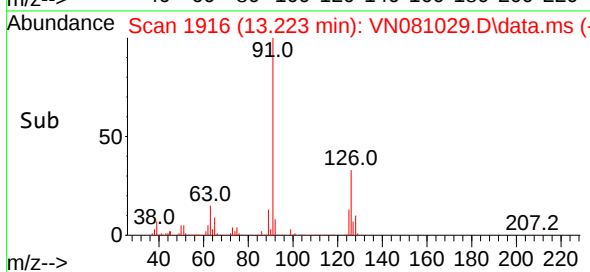
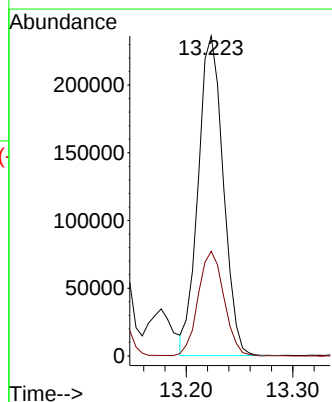
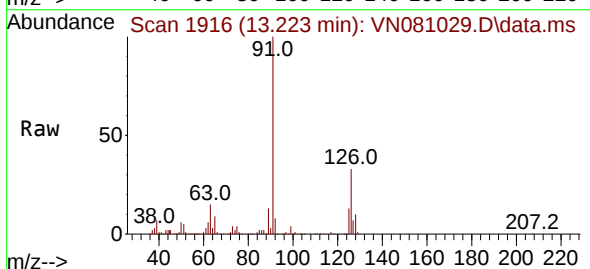
Manual Integrations
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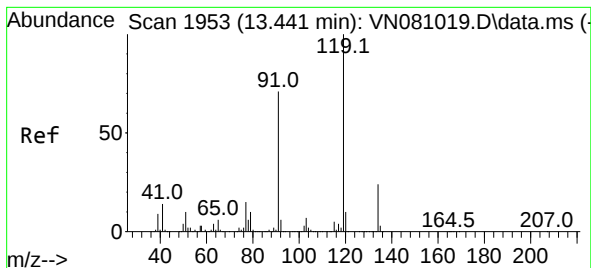
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#82
4-Chlorotoluene
Concen: 18.232 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Tgt Ion: 91 Resp: 385511
Ion Ratio Lower Upper
91 100
126 33.6 15.3 45.9





#83

tert-Butylbenzene

Concen: 18.563 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0214MBSD01

Tgt Ion:119 Resp: 409450

Ion Ratio Lower Upper

119 100

91 70.4 36.8 110.4

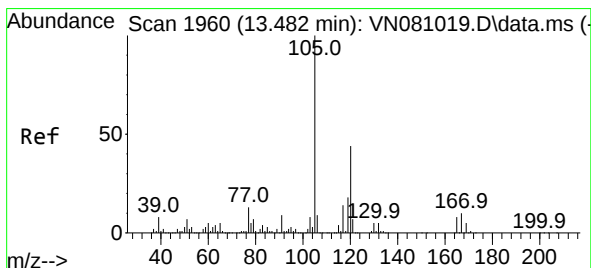
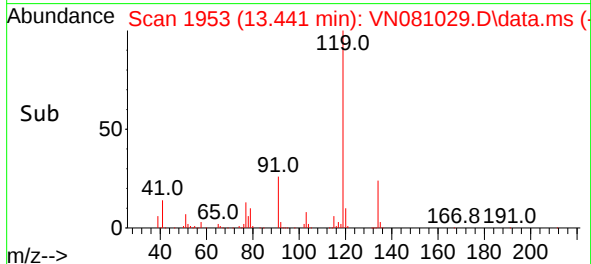
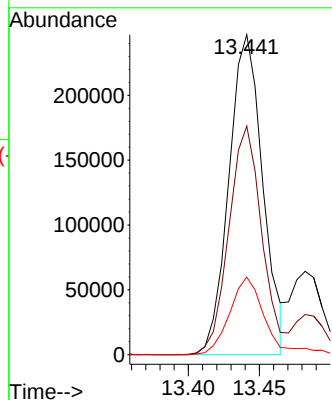
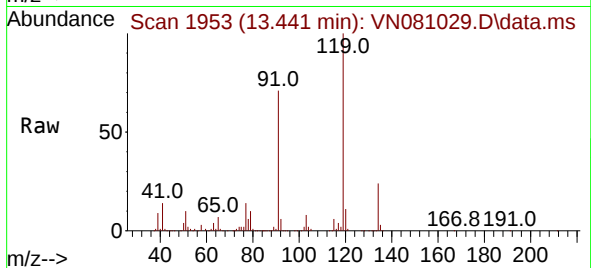
134 25.4 12.4 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 19.025 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081029.D

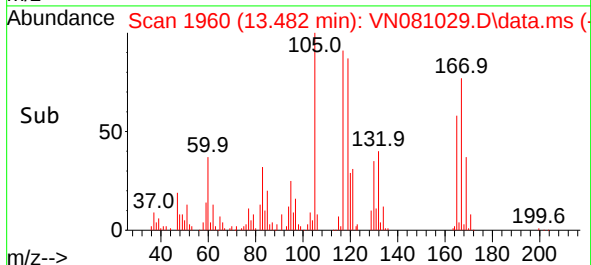
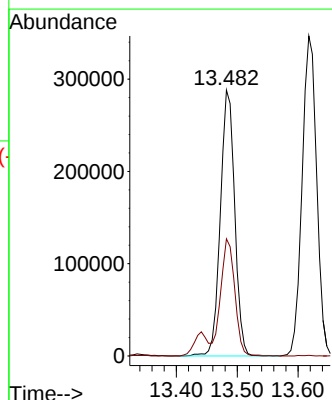
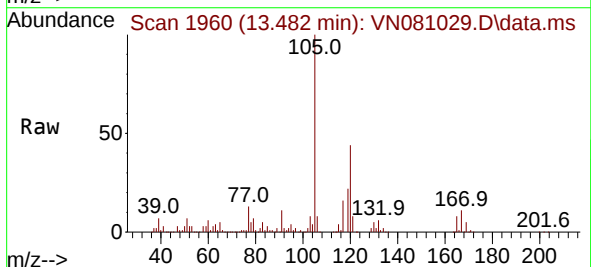
Acq: 14 Feb 2024 16:56

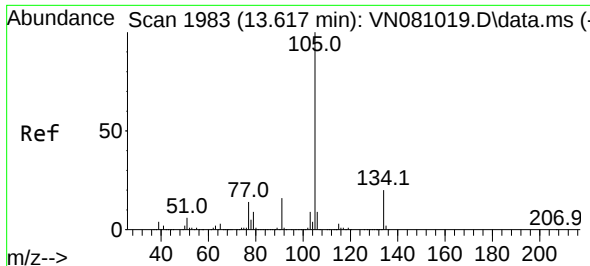
Tgt Ion:105 Resp: 472141

Ion Ratio Lower Upper

105 100

120 43.6 20.9 62.7





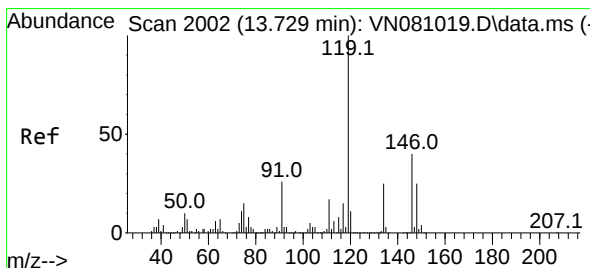
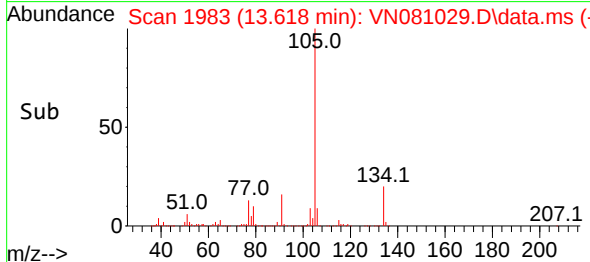
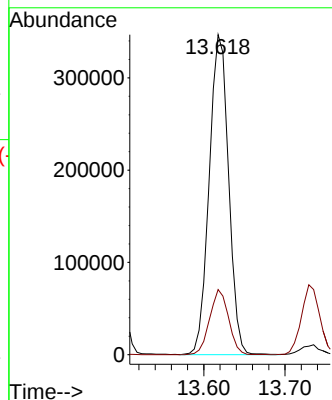
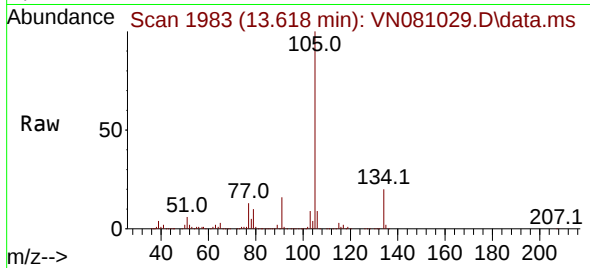
#85
 sec-Butylbenzene
 Concen: 18.997 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081029.D
 Acq: 14 Feb 2024 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214MBSD01

Tgt Ion:105 Resp: 57483
 Ion Ratio Lower Upper
 105 100
 134 19.8 8.6 25.8

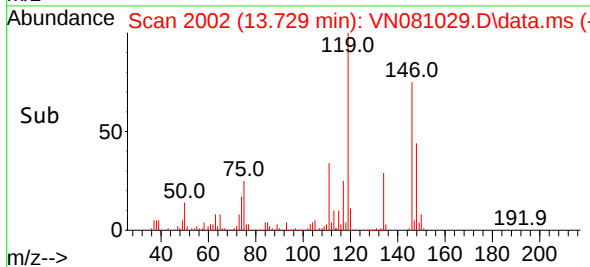
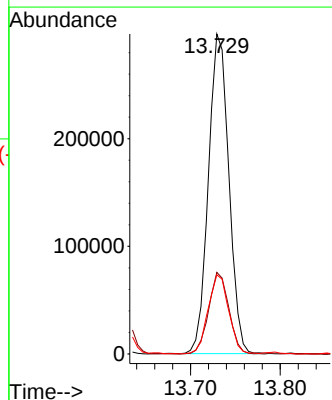
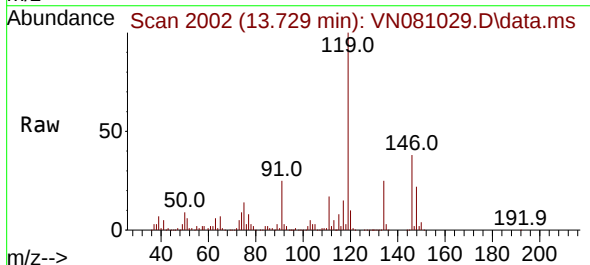
Manual Integrations
 APPROVED

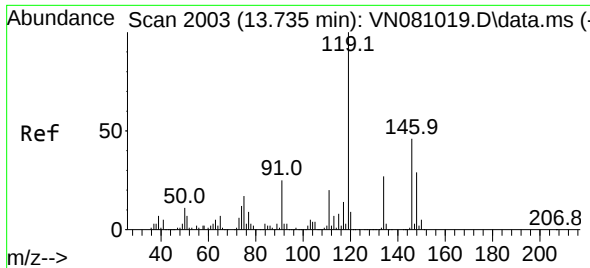
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#86
 p-Isopropyltoluene
 Concen: 19.304 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081029.D
 Acq: 14 Feb 2024 16:56

Tgt Ion:119 Resp: 469744
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.4 37.2
 91 24.7 13.5 40.4





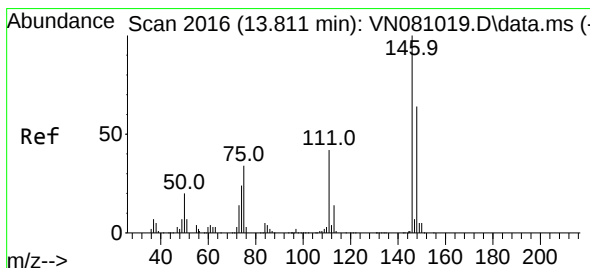
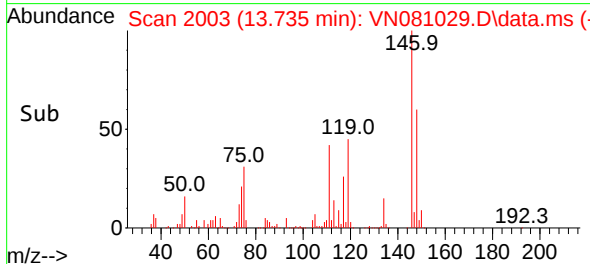
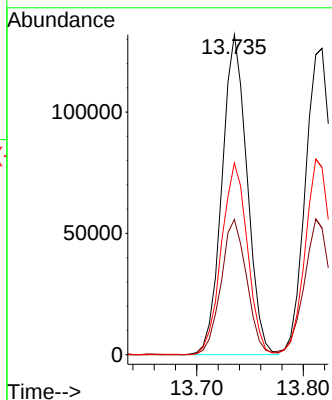
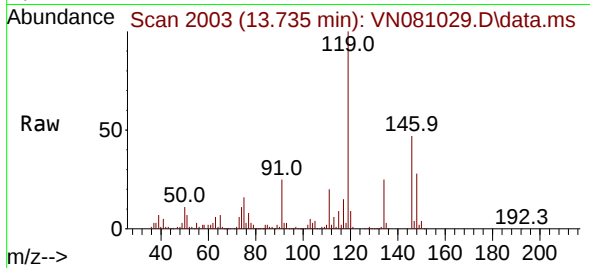
#87
 1,3-Dichlorobenzene
 Concen: 18.874 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081029.D
 Acq: 14 Feb 2024 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214MBSD01

Tgt Ion:146 Resp: 215829
 Ion Ratio Lower Upper
 146 100
 111 43.2 23.9 71.7
 148 61.9 32.6 97.7

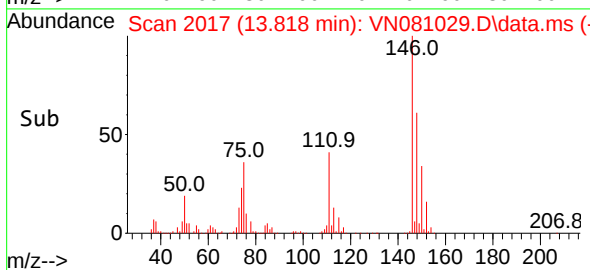
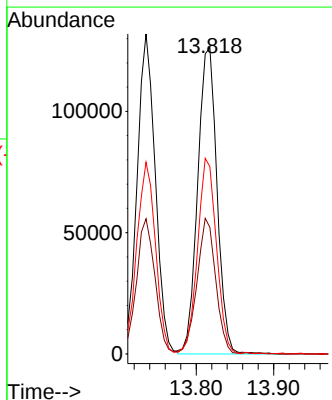
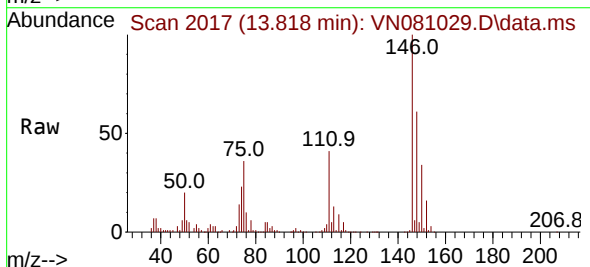
Manual Integrations
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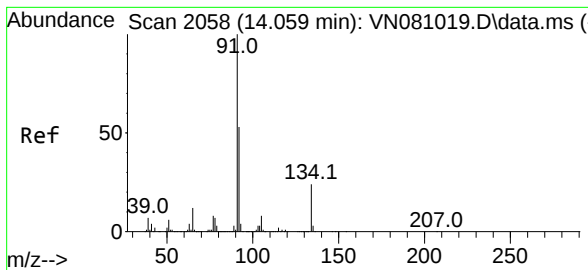
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#88
 1,4-Dichlorobenzene
 Concen: 18.521 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN081029.D
 Acq: 14 Feb 2024 16:56

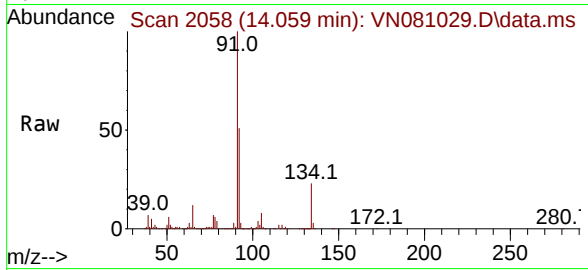
Tgt Ion:146 Resp: 218827
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.6 67.7
 148 62.3 31.9 95.5





#89
n-Butylbenzene
Concen: 17.745 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

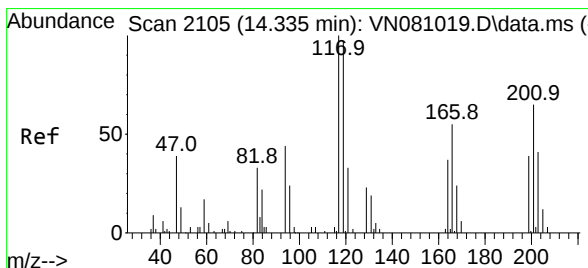
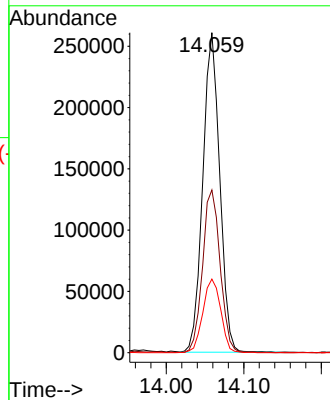
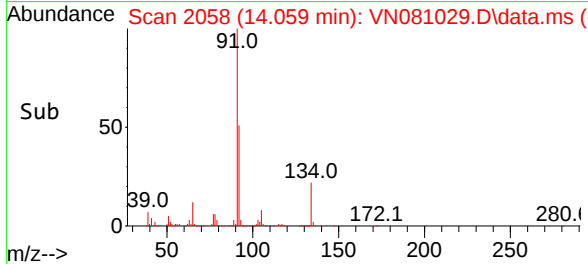
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



Tgt Ion: 91 Resp: 395258
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 24.4 10.8 32.4

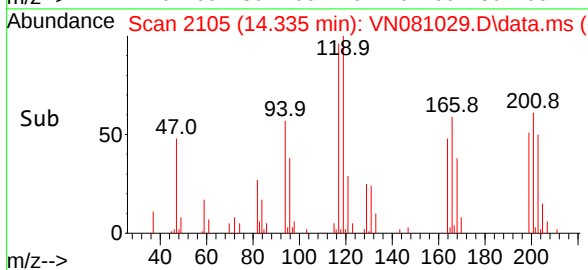
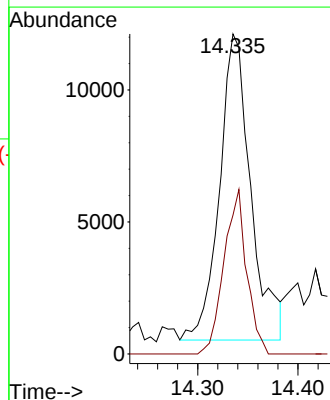
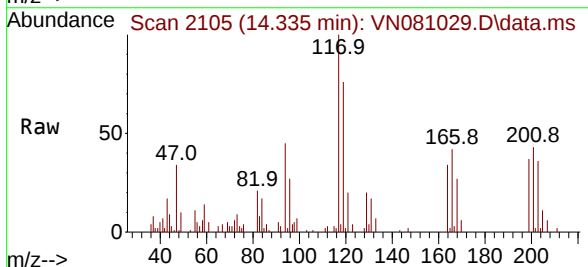
Manual Integrations
APPROVED

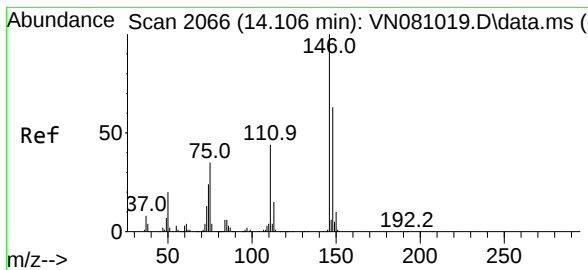
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#90
Hexachloroethane
Concen: 51.147 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Tgt Ion:117 Resp: 25144
Ion Ratio Lower Upper
117 100
201 38.9 30.0 90.0





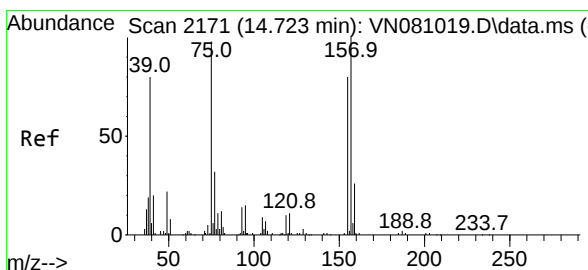
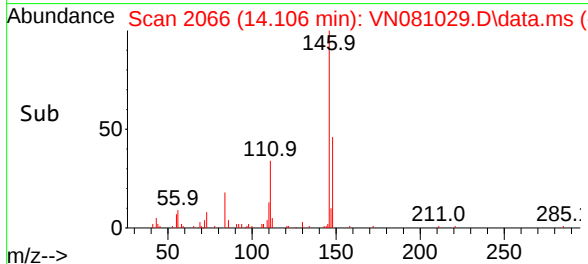
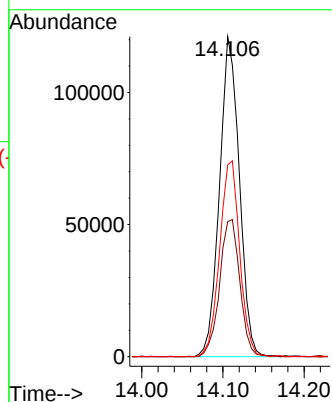
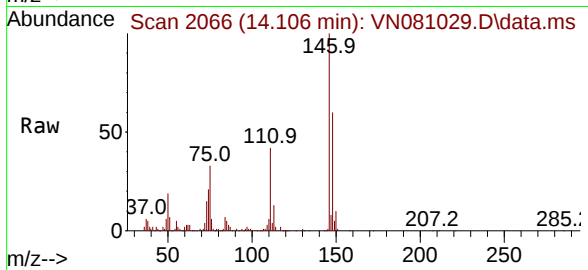
#91
1,2-Dichlorobenzene
Concen: 18.568 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01

Tgt Ion:146 Resp: 205818
Ion Ratio Lower Upper
146 100
111 43.8 23.9 71.8
148 62.0 31.4 94.0

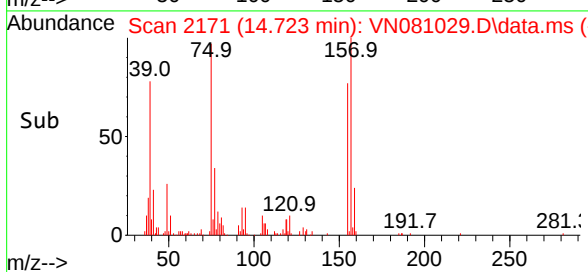
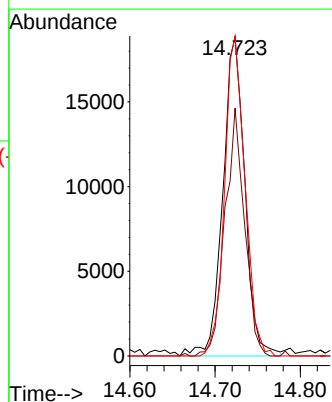
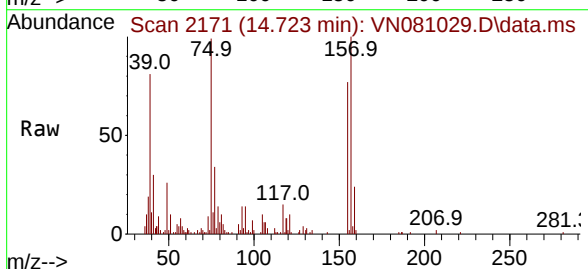
Manual Integrations
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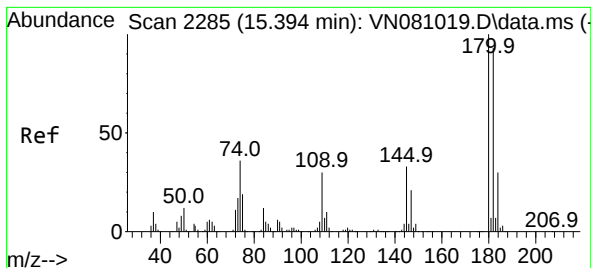
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.552 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

Tgt Ion: 75 Resp: 33755
Ion Ratio Lower Upper
75 100
155 69.7 31.8 95.4
157 92.9 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 17.661 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN081029.D

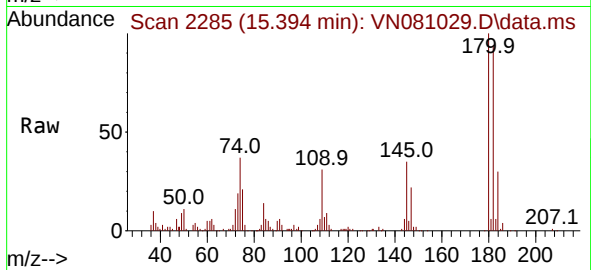
Acq: 14 Feb 2024 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN0214MBSD01



Tgt Ion:180 Resp: 117279

Ion Ratio Lower Upper

180 100

182 91.9 46.6 139.7

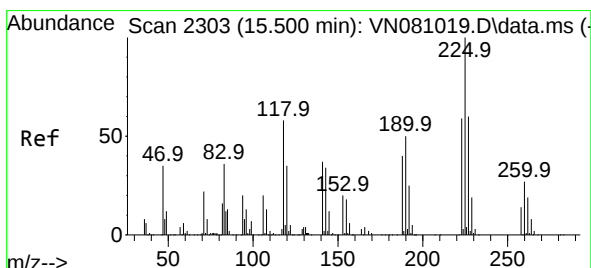
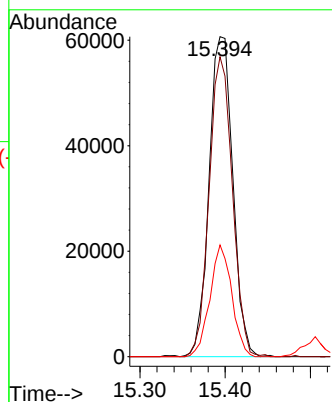
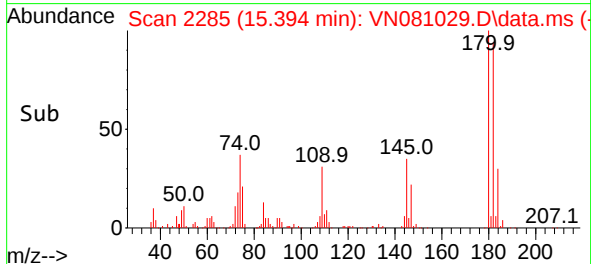
145 32.2 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#94

Hexachlorobutadiene

Concen: 17.136 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN081029.D

Acq: 14 Feb 2024 16:56

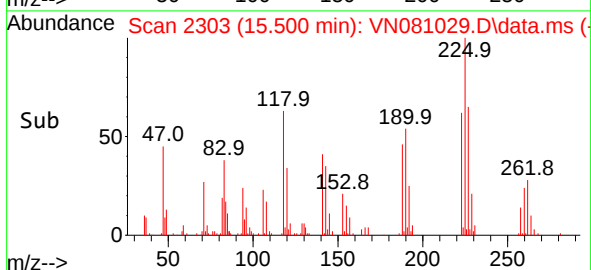
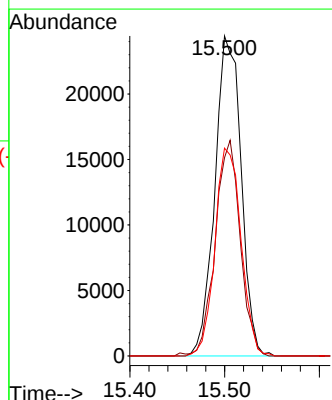
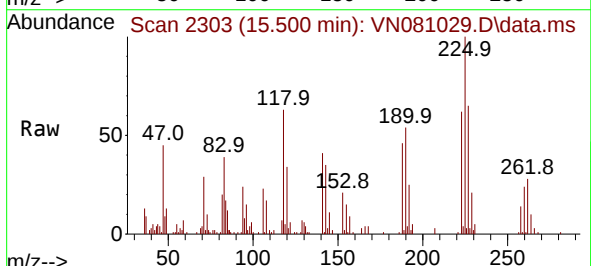
Tgt Ion:225 Resp: 47065

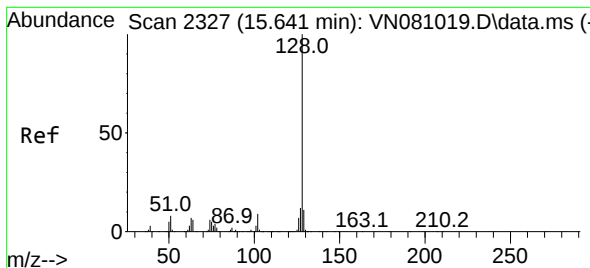
Ion Ratio Lower Upper

225 100

223 64.2 33.3 99.8

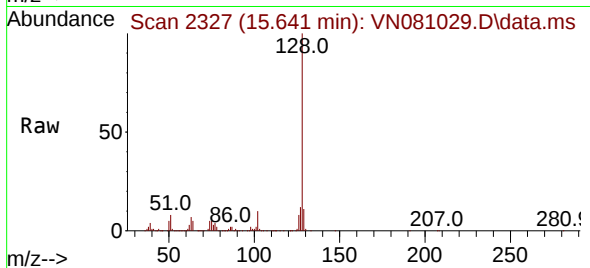
227 64.6 33.1 99.2





#95
Naphthalene
Concen: 17.671 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56

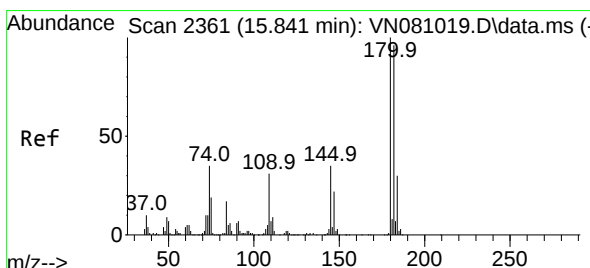
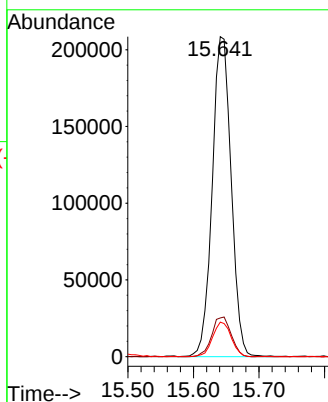
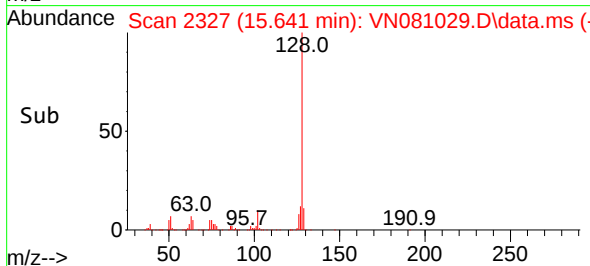
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBSD01



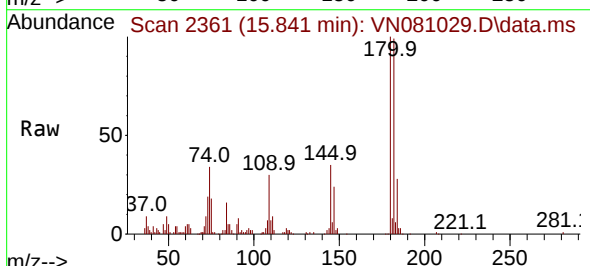
Tgt Ion:128 Resp: 41747
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.957 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081029.D
Acq: 14 Feb 2024 16:56



Tgt Ion:180 Resp: 116858
Ion Ratio Lower Upper
180 100
182 92.2 46.5 139.3
145 35.5 17.8 53.4

