

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081489.D
 Acq On : 20 Mar 2024 13:14
 Operator : JC\MD
 Sample : VN0320MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2024
 Supervised By : Mahesh Dadoda 03/21/2024

Quant Time: Mar 21 01:17:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	465289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	801022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	698668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	313643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	297037	50.060	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	8.165	113	256589	50.757	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%			
50) Toluene-d8	10.565	98	934454	51.135	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.280%			
62) 4-Bromofluorobenzene	12.847	95	317681	49.336	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 98.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	108977	17.394	ug/l	100
3) Chloromethane	2.359	50	108291	17.360	ug/l	98
4) Vinyl Chloride	2.518	62	120260	17.179	ug/l	89
5) Bromomethane	2.965	94	87798	17.734	ug/l	96
6) Chloroethane	3.124	64	78627	16.358	ug/l	95
7) Trichlorofluoromethane	3.506	101	192969	18.496	ug/l	93
8) Diethyl Ether	3.953	74	66550	19.274	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	108052	18.227	ug/l	89
10) Methyl Iodide	4.589	142	106046	17.963	ug/l	94
11) Tert butyl alcohol	5.512	59	91923	88.896	ug/l	99
12) 1,1-Dichloroethene	4.347	96	99916	18.196	ug/l	82
13) Acrolein	4.177	56	108355	116.777	ug/l	98
14) Allyl chloride	5.024	41	126518	18.387	ug/l #	86
15) Acrylonitrile	5.712	53	241637	87.349	ug/l	97
16) Acetone	4.418	43	159040	82.936	ug/l	94
17) Carbon Disulfide	4.712	76	266796	16.931	ug/l	97
18) Methyl Acetate	5.024	43	111539	18.867	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	328161	19.096	ug/l	94
20) Methylene Chloride	5.277	84	116492	18.545	ug/l	85
21) trans-1,2-Dichloroethene	5.789	96	108637	17.744	ug/l	86
22) Diisopropyl ether	6.665	45	310164	19.400	ug/l #	89
23) Vinyl Acetate	6.600	43	1187954	93.350	ug/l #	91
24) 1,1-Dichloroethane	6.559	63	194418	18.156	ug/l	97
25) 2-Butanone	7.477	43	287081	87.282	ug/l #	89
26) 2,2-Dichloropropane	7.483	77	179528	19.330	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	131986	19.053	ug/l	84
28) Bromochloromethane	7.812	49	74083	16.985	ug/l #	51
29) Tetrahydrofuran	7.835	42	200651	90.556	ug/l #	80
30) Chloroform	7.965	83	213331	18.610	ug/l	98
31) Cyclohexane	8.259	56	172074	17.821	ug/l #	78
32) 1,1,1-Trichloroethane	8.165	97	196587	18.902	ug/l #	87
36) 1,1-Dichloropropene	8.371	75	159139	18.706	ug/l	96
37) Ethyl Acetate	7.559	43	129555	17.784	ug/l	98
38) Carbon Tetrachloride	8.359	117	166053	17.818	ug/l	96
39) Methylcyclohexane	9.600	83	180430	18.992	ug/l	87
40) Benzene	8.606	78	465438	18.713	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	70003	18.171	ug/l	91
42) 1,2-Dichloroethane	8.671	62	160860	18.378	ug/l	98
43) Isopropyl Acetate	8.688	43	218560	18.100	ug/l #	92
44) Trichloroethene	9.353	130	126616	18.100	ug/l	89
45) 1,2-Dichloropropane	9.618	63	117101	19.427	ug/l	94
46) Dibromomethane	9.712	93	81030	17.701	ug/l #	86
47) Bromodichloromethane	9.888	83	165574	18.500	ug/l #	98
48) Methyl methacrylate	9.677	41	99360	17.839	ug/l #	83
49) 1,4-Dioxane	9.694	88	45180	337.546	ug/l #	83
51) 4-Methyl-2-Pentanone	10.441	43	643355	87.313	ug/l	91
52) Toluene	10.629	92	291536	18.442	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	175776	18.188	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	188451	18.187	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	113461	17.834	ug/l	91
56) Ethyl methacrylate	10.876	69	164320	18.883	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	197062	18.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	406733	101.604	ug/l #	84
59) 2-Hexanone	11.194	43	484144	88.871	ug/l	92
60) Dibromochloromethane	11.359	129	126273	18.048	ug/l	98
61) 1,2-Dibromoethane	11.471	107	118145	18.215	ug/l	100
64) Tetrachloroethene	11.106	164	126053	18.875	ug/l	92
65) Chlorobenzene	11.888	112	309894	18.763	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	115428	18.856	ug/l	96
67) Ethyl Benzene	11.965	91	547736	19.091	ug/l	100
68) m/p-Xylenes	12.076	106	430053	39.984	ug/l	93
69) o-Xylene	12.400	106	201365	19.070	ug/l	99
70) Styrene	12.412	104	335423	19.696	ug/l	96
71) Bromoform	12.576	173	83705	18.197	ug/l #	100
73) Isopropylbenzene	12.694	105	543896	20.344	ug/l	97
74) N-amyl acetate	12.494	43	185714	19.195	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	141859	18.047	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	139892m	18.646	ug/l	
77) Bromobenzene	12.982	156	125823	19.052	ug/l	70
78) n-propylbenzene	13.035	91	632722	20.040	ug/l	95
79) 2-Chlorotoluene	13.129	91	366810	19.411	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	455216	20.615	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	59429	21.406	ug/l	97
82) 4-Chlorotoluene	13.223	91	365111	19.597	ug/l	95
83) tert-Butylbenzene	13.441	119	385373	20.238	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	450017	20.277	ug/l	95
85) sec-Butylbenzene	13.617	105	545636	20.044	ug/l	93
86) p-Isopropyltoluene	13.729	119	460093	20.677	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	233881	19.275	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	234757	18.684	ug/l	98
89) n-Butylbenzene	14.059	91	382348	19.378	ug/l	97
90) Hexachloroethane	14.335	117	81314	19.295	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	222731	19.071	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28786	17.208	ug/l	63
93) 1,2,4-Trichlorobenzene	15.394	180	124267	18.402	ug/l	98
94) Hexachlorobutadiene	15.506	225	52970	17.878	ug/l	96
95) Naphthalene	15.647	128	404210	18.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	123012	18.110	ug/l	96

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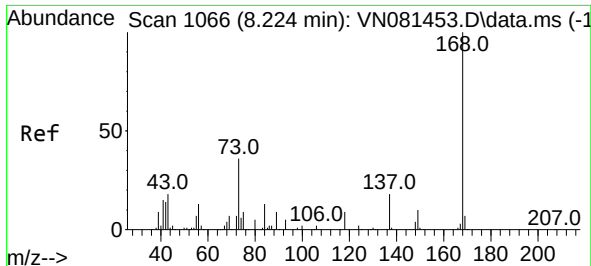
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/21/2024

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Response via : Initial Calibration

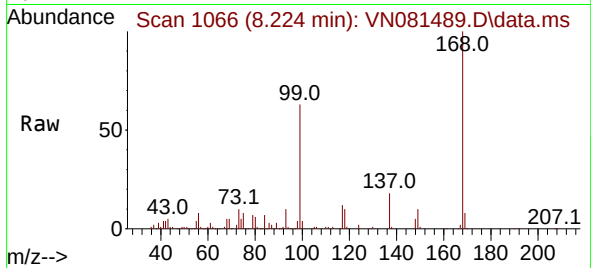
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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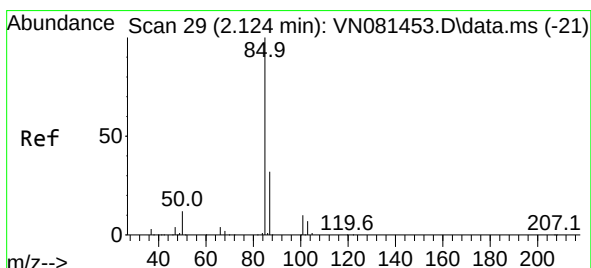
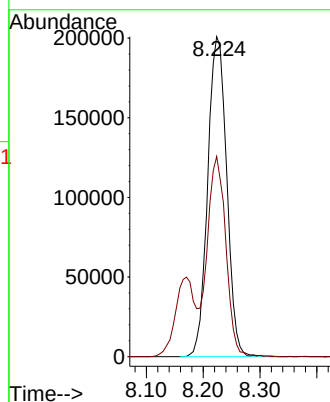
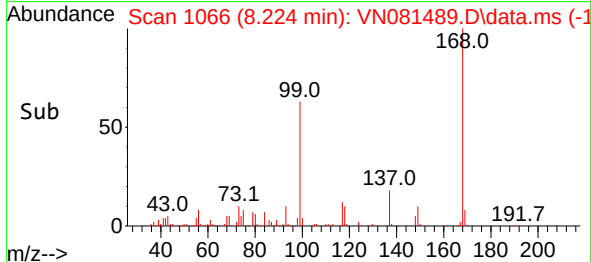
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 465289
Ion Ratio Lower Upper
168 100
99 62.5 59.9 89.9

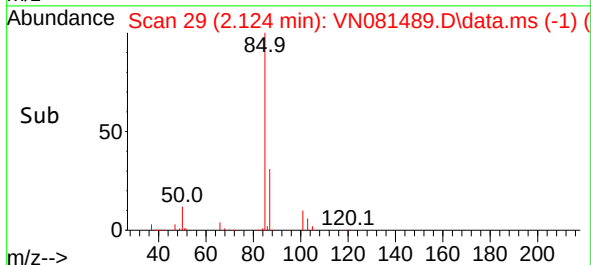
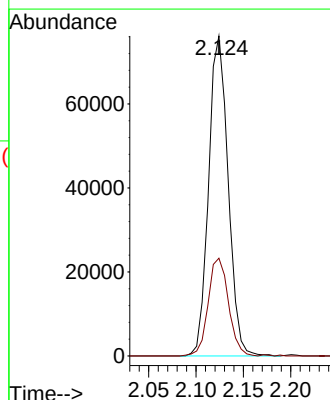
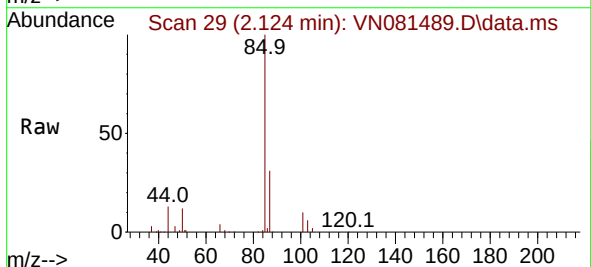
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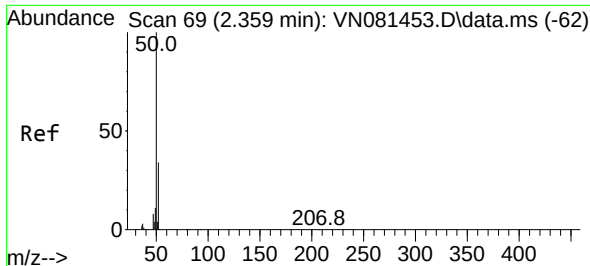
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#2
Dichlorodifluoromethane
Concen: 17.394 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Tgt Ion: 85 Resp: 108977
Ion Ratio Lower Upper
85 100
87 30.6 15.3 45.9





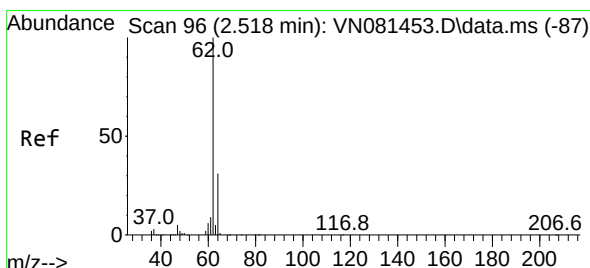
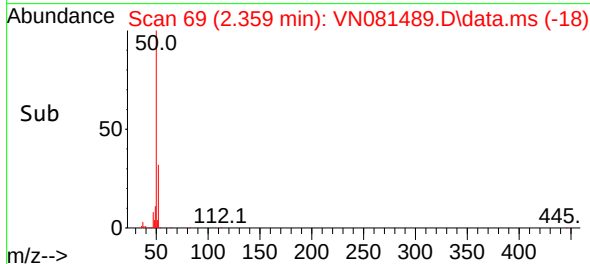
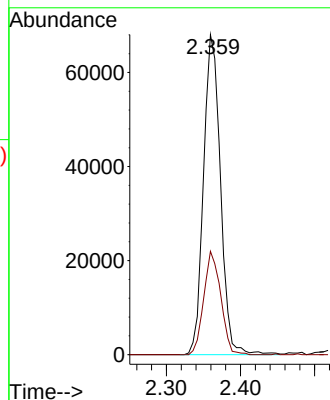
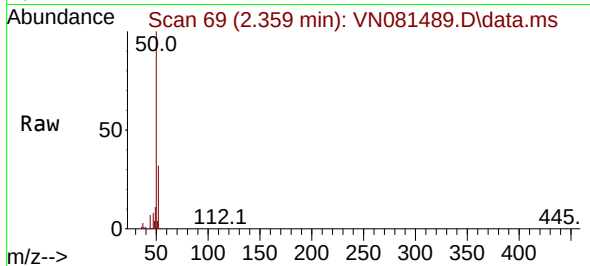
#3
Chloromethane
Concen: 17.360 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081489.D
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Tgt Ion: 50 Resp: 10829
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4

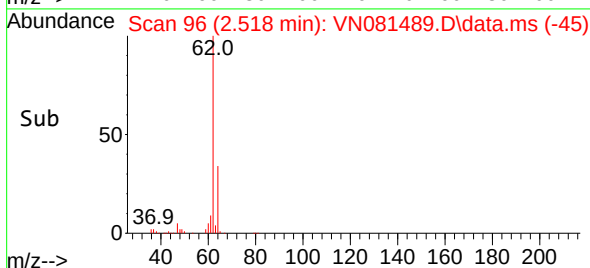
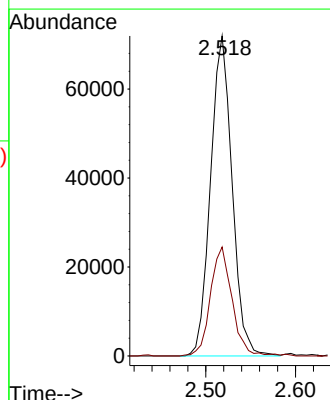
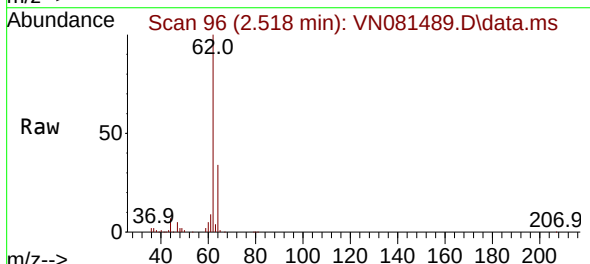
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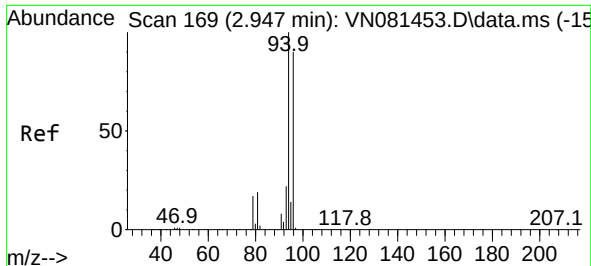
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#4
Vinyl Chloride
Concen: 17.179 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

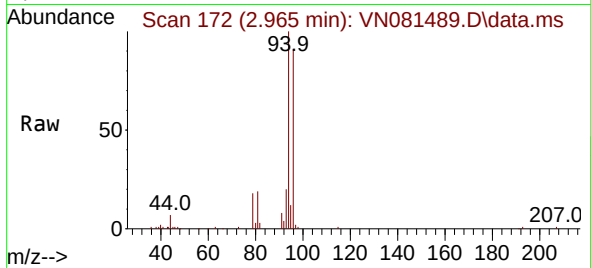
Tgt Ion: 62 Resp: 120260
Ion Ratio Lower Upper
62 100
64 34.1 22.7 34.1





#5
Bromomethane
Concen: 17.734 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081489.D
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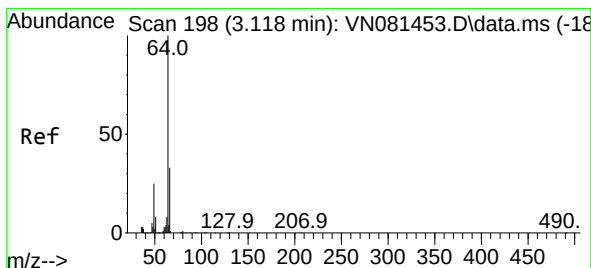
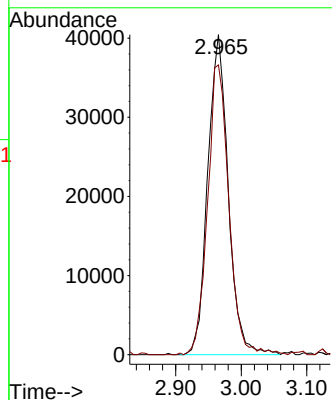
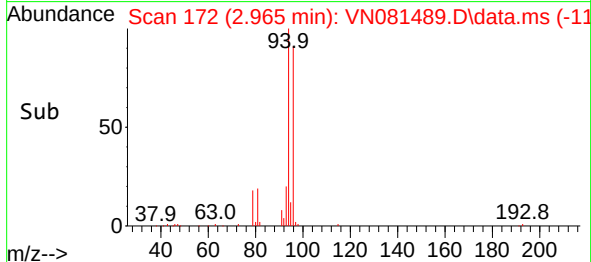
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Tgt Ion: 94 Resp: 87798
Ion Ratio Lower Upper
94 100
96 90.0 69.2 103.8

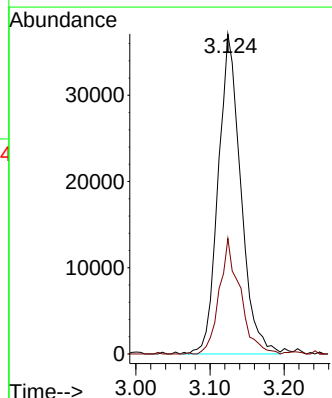
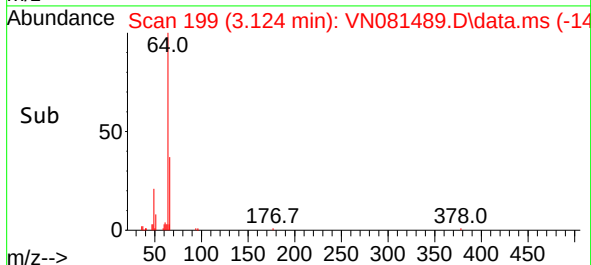
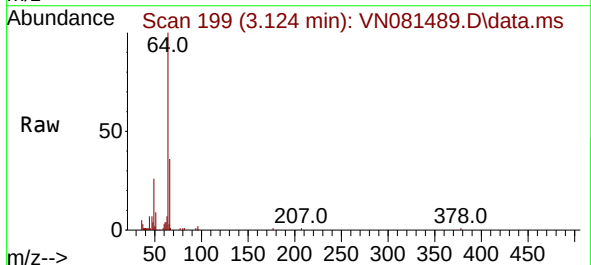
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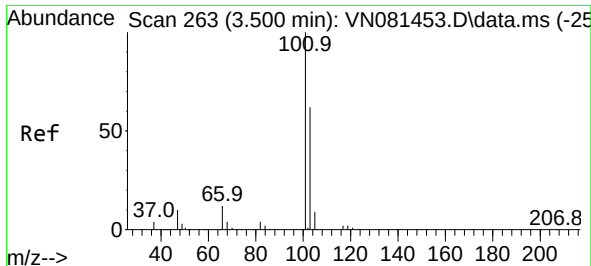
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#6
Chloroethane
Concen: 16.358 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081489.D
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Tgt Ion: 64 Resp: 78627
Ion Ratio Lower Upper
64 100
66 36.1 26.4 39.6





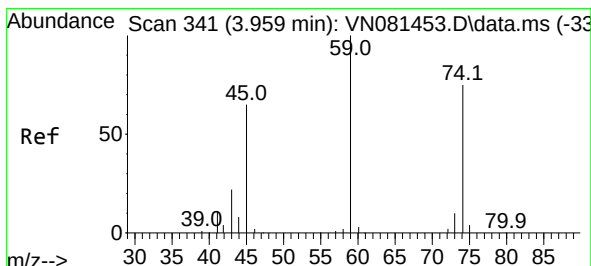
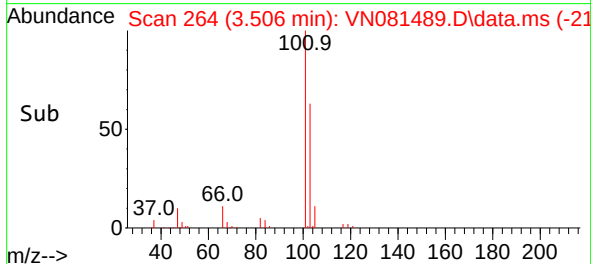
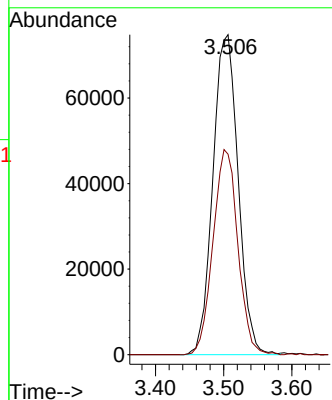
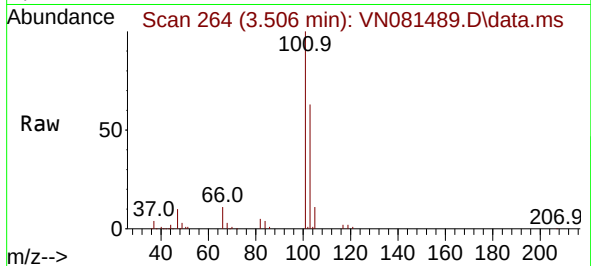
#7
 Trichlorofluoromethane
 Concen: 18.496 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14

Instrument :
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 ClientSampleId :
 VN0320MBS01

Tgt Ion:101 Resp: 192969
 Ion Ratio Lower Upper
 101 100
 103 62.6 54.4 81.6

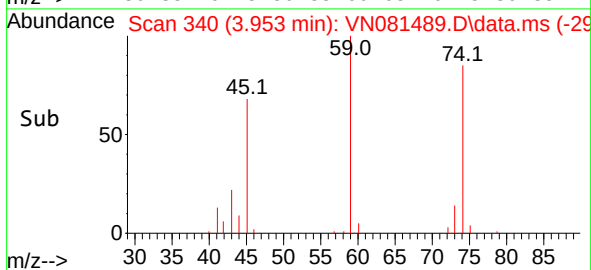
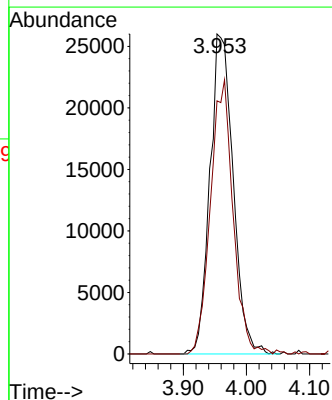
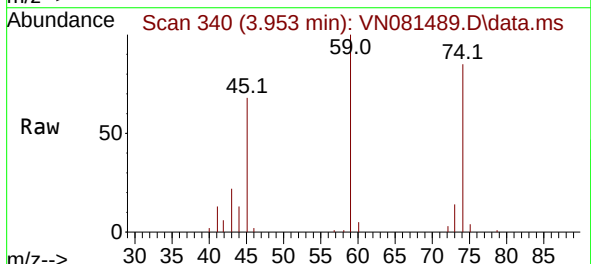
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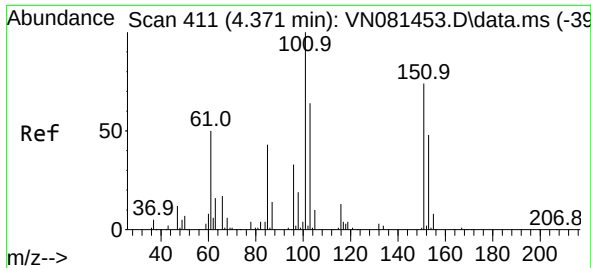
Reviewed By :John Carlone 03/21/2024
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#8
 Diethyl Ether
 Concen: 19.274 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14

Tgt Ion: 74 Resp: 66550
 Ion Ratio Lower Upper
 74 100
 45 83.0 53.3 159.9





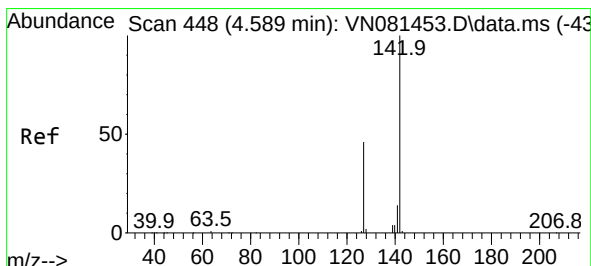
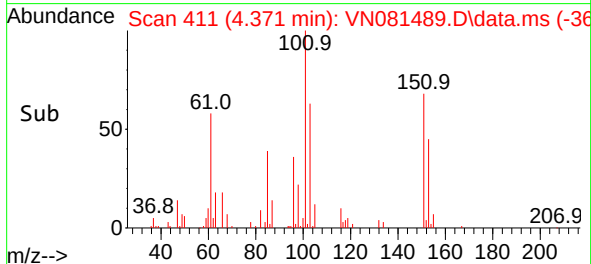
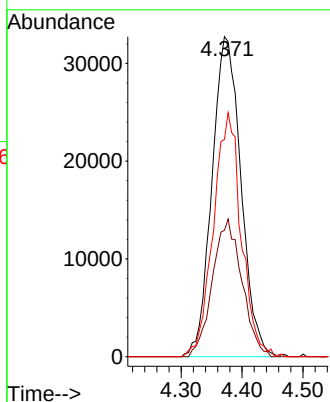
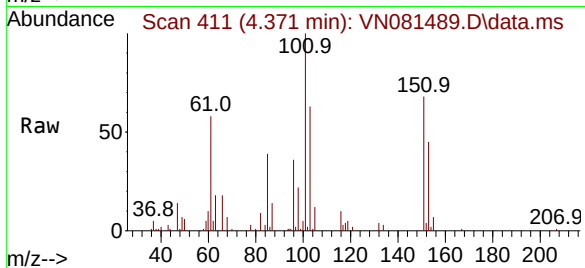
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.227 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01

Tgt Ion:101 Resp: 108052
Ion Ratio Lower Upper
101 100
85 43.6 38.1 57.1
151 73.2 49.1 73.7

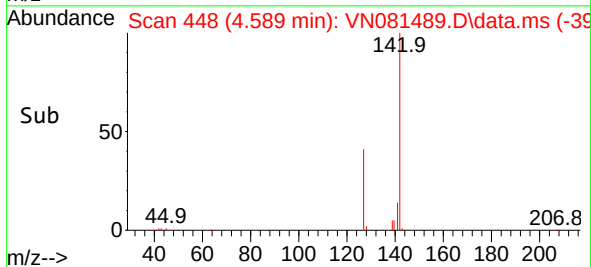
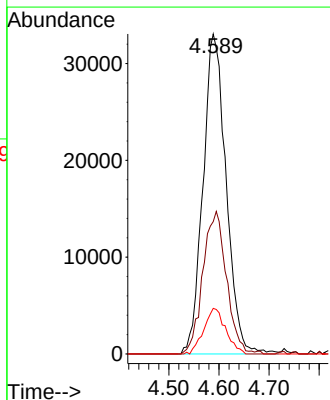
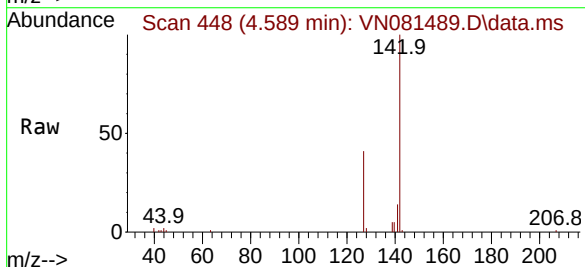
Manual Integrations
APPROVED

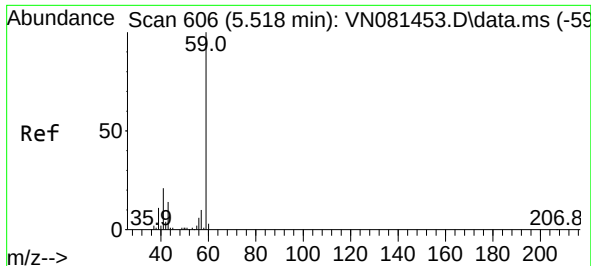
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#10
Methyl Iodide
Concen: 17.963 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

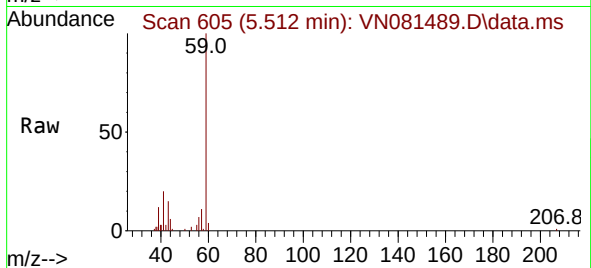
Tgt Ion:142 Resp: 106046
Ion Ratio Lower Upper
142 100
127 41.3 37.0 55.4
141 14.2 12.5 18.7





#11
Tert butyl alcohol
Concen: 88.896 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

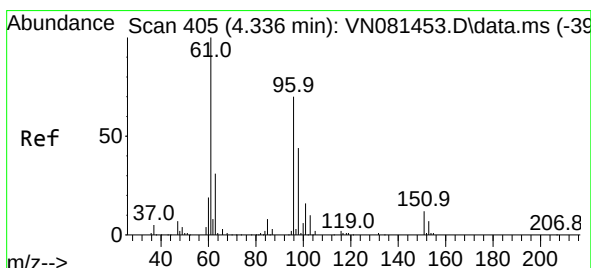
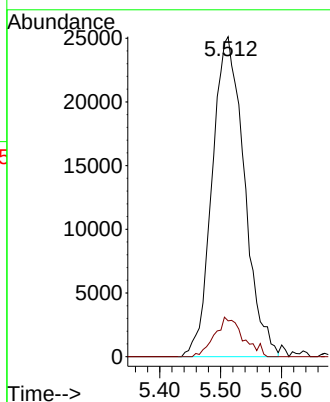
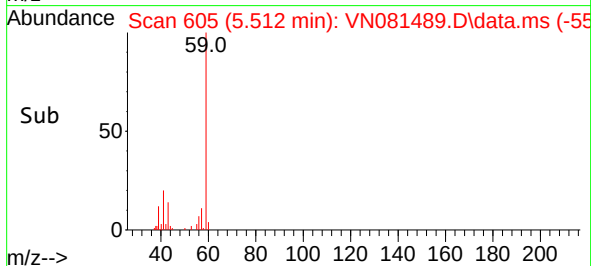
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



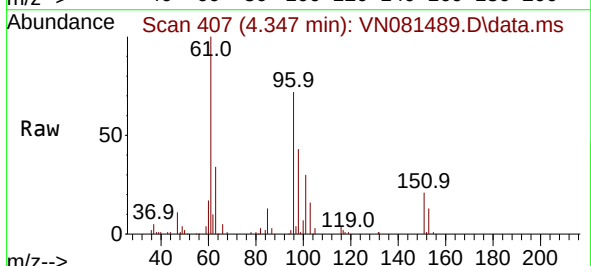
Tgt Ion: 59 Resp: 9192
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

Manual Integrations
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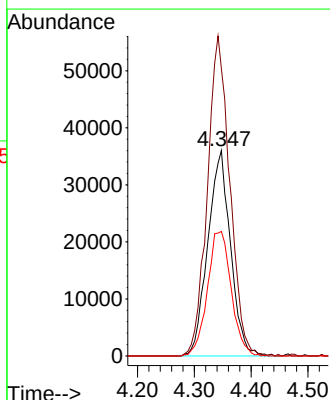
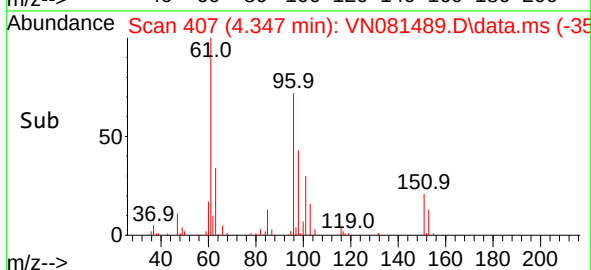
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

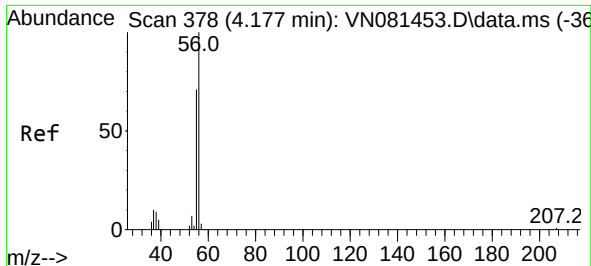


#12
1,1-Dichloroethene
Concen: 18.196 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14



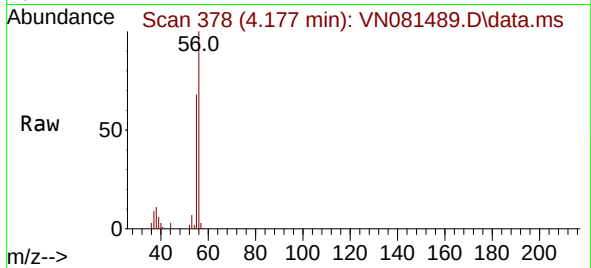
Tgt Ion: 96 Resp: 99916
Ion Ratio Lower Upper
96 100
61 139.7 138.2 207.4
98 60.5 49.2 73.8





#13
Acrolein
Concen: 116.777 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

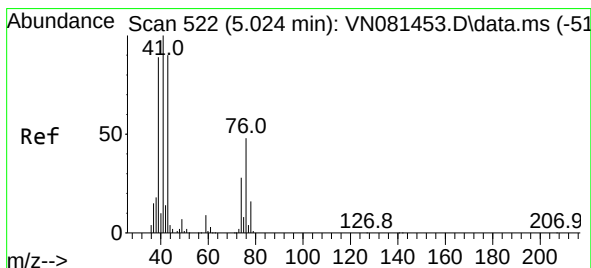
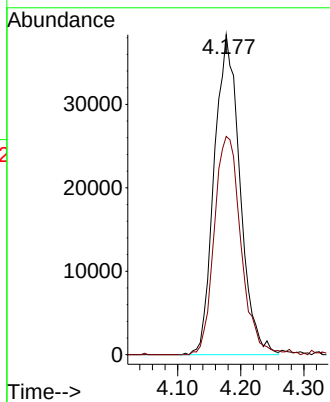
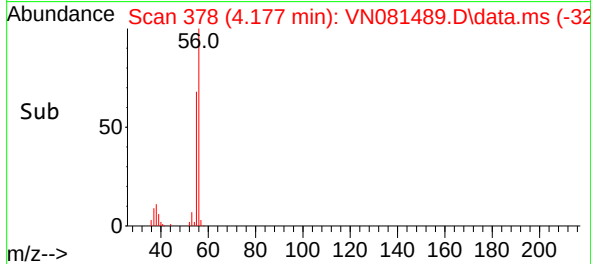
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion: 56 Resp: 10835
Ion Ratio Lower Upper
56 100
55 70.7 55.3 82.9

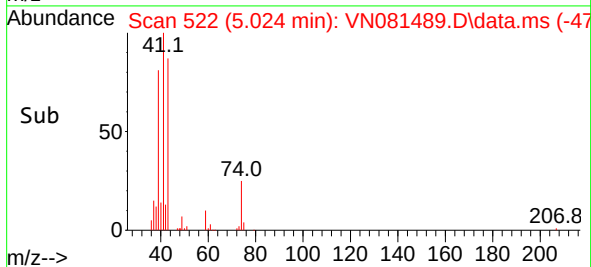
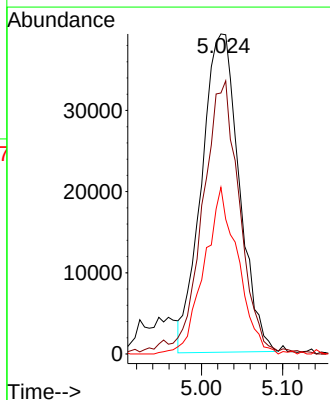
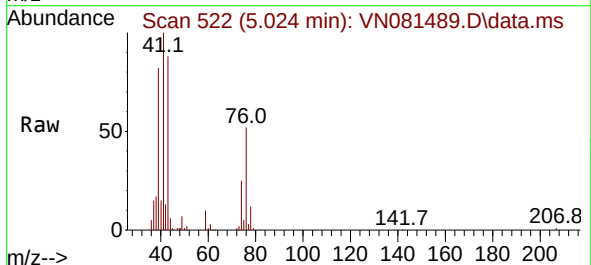
Manual Integrations
APPROVED

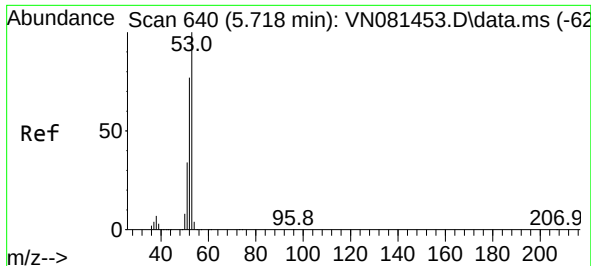
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#14
Allyl chloride
Concen: 18.387 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

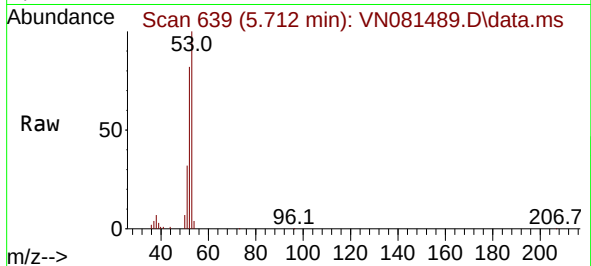
Tgt Ion: 41 Resp: 126518
Ion Ratio Lower Upper
41 100
39 80.6 57.7 86.5
76 47.0 26.8 40.2#





#15
Acrylonitrile
Concen: 87.349 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

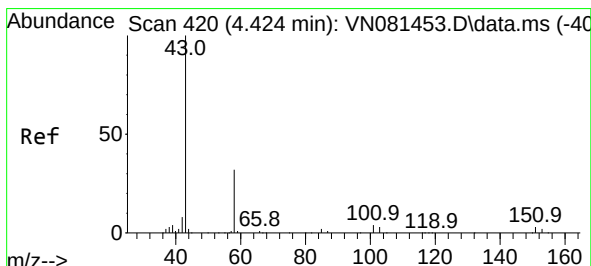
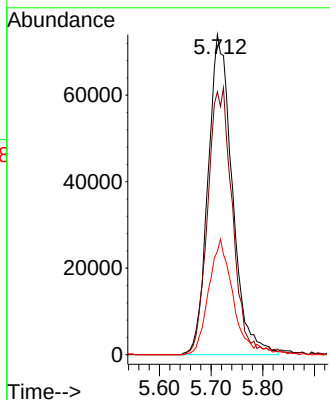
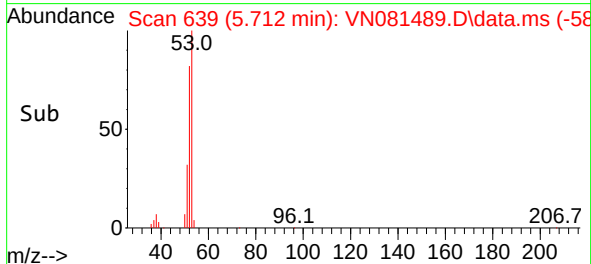
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion: 53 Resp: 24163
Ion Ratio Lower Upper
53 100
52 84.5 64.8 97.2
51 34.9 26.9 40.3

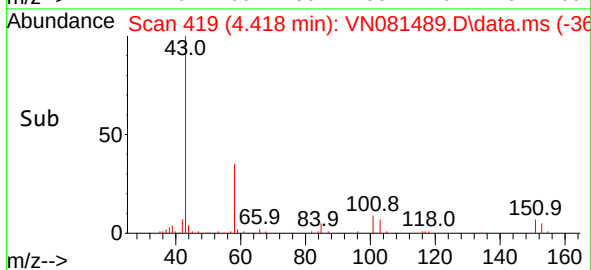
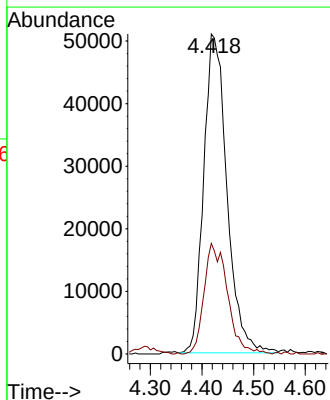
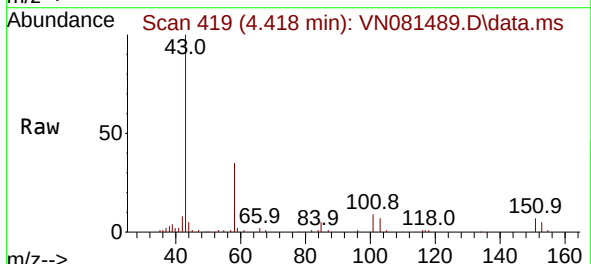
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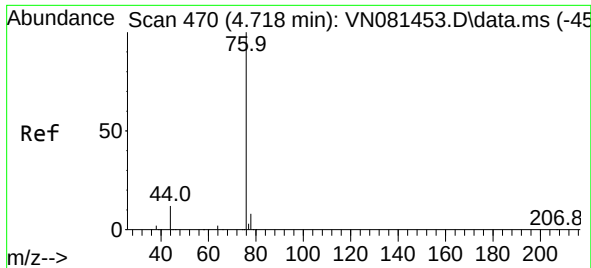
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#16
Acetone
Concen: 82.936 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Tgt Ion: 43 Resp: 159040
Ion Ratio Lower Upper
43 100
58 34.3 24.8 37.2





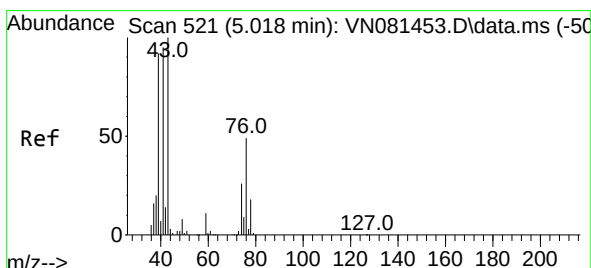
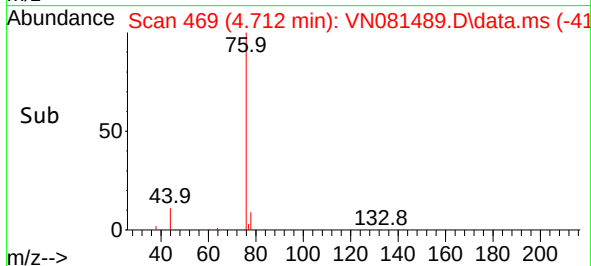
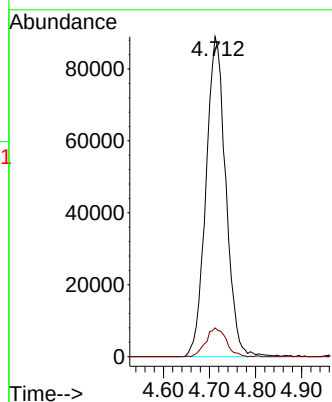
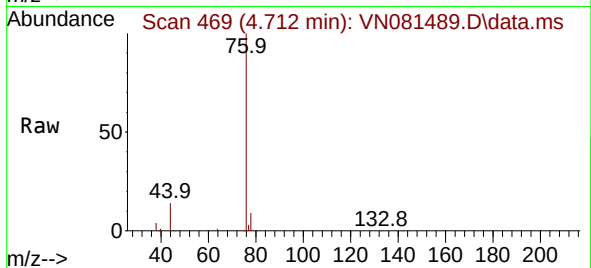
#17
Carbon Disulfide
Concen: 16.931 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01

Tgt Ion: 76 Resp: 266790
Ion Ratio Lower Upper
76 100
78 9.0 6.3 9.5

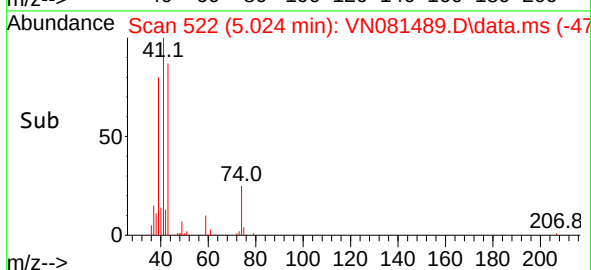
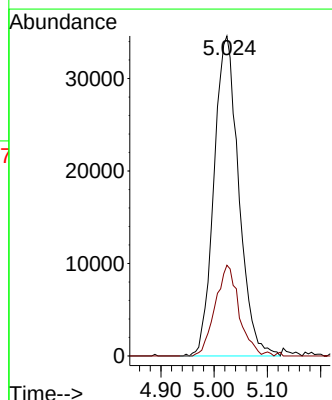
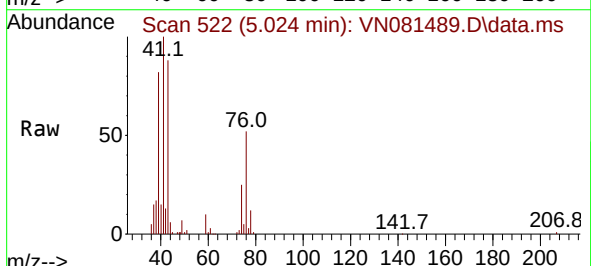
Manual Integrations
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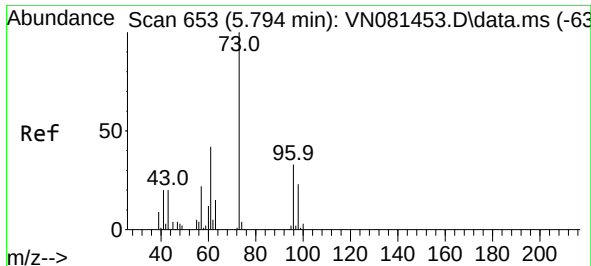
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#18
Methyl Acetate
Concen: 18.867 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Tgt Ion: 43 Resp: 111539
Ion Ratio Lower Upper
43 100
74 27.2 17.3 25.9#





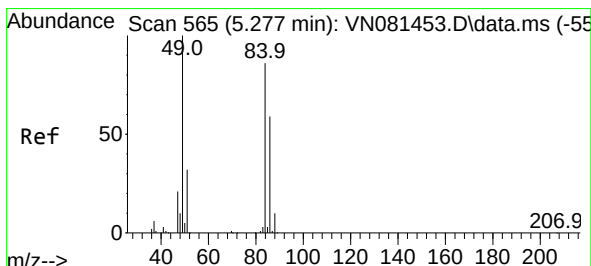
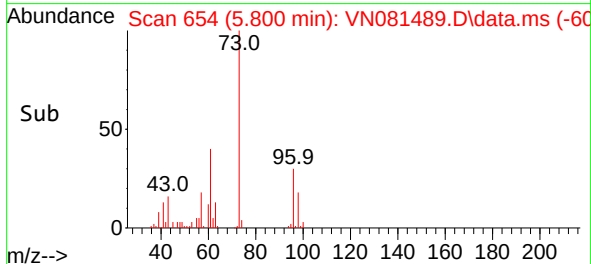
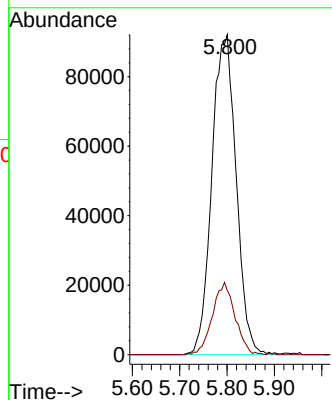
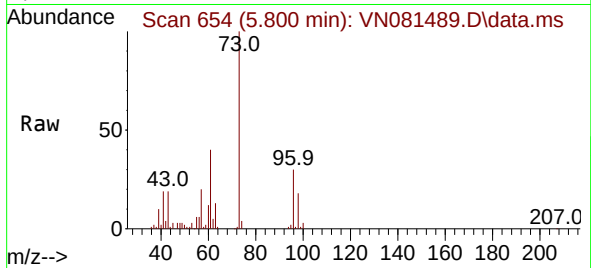
#19
Methyl tert-butyl Ether
Concen: 19.096 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01

Tgt Ion: 73 Resp: 32816
Ion Ratio Lower Upper
73 100
57 20.1 18.2 27.4

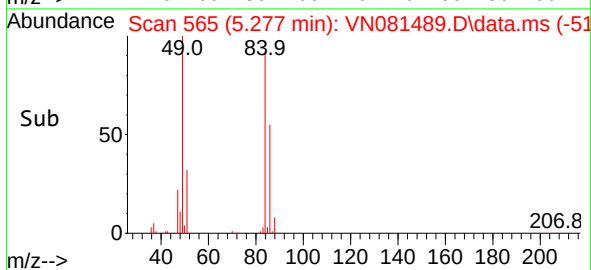
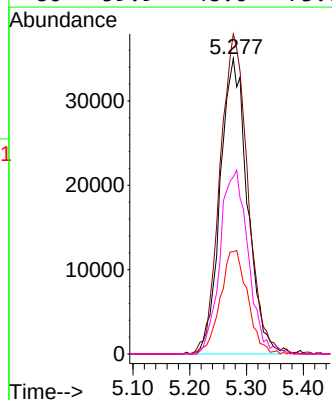
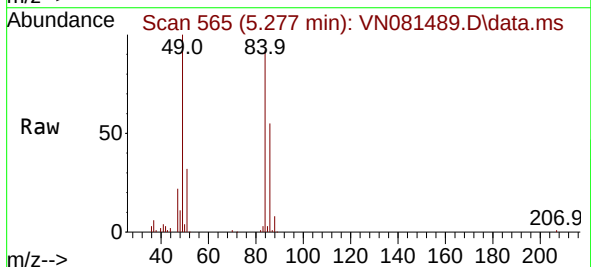
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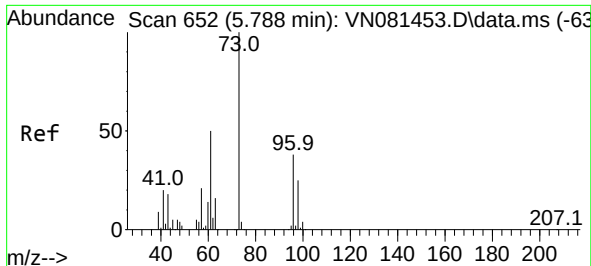
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#20
Methylene Chloride
Concen: 18.545 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

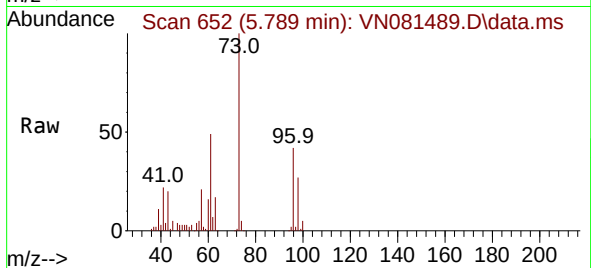
Tgt Ion: 84 Resp: 116492
Ion Ratio Lower Upper
84 100
49 108.3 108.1 162.1
51 34.6 32.9 49.3
86 59.9 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 17.744 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

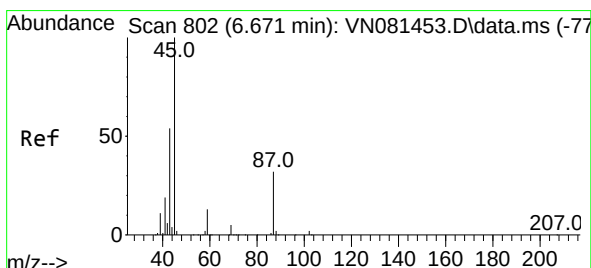
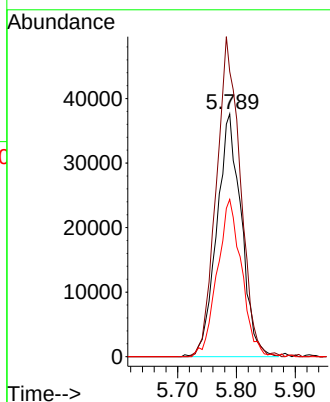
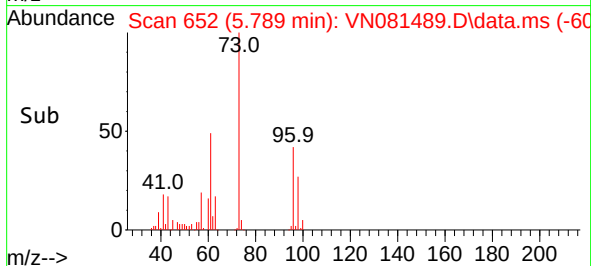
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion: 96 Resp: 10863
Ion Ratio Lower Upper
96 100
61 117.5 112.8 169.2
98 64.8 51.0 76.4

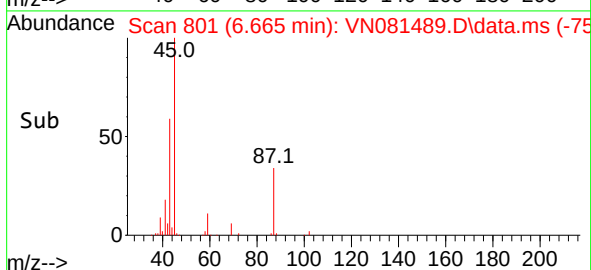
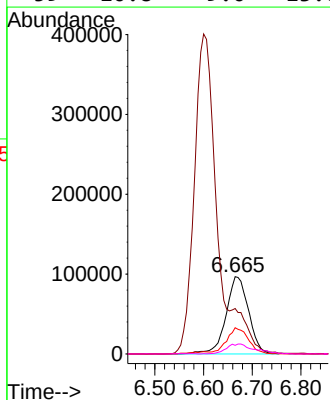
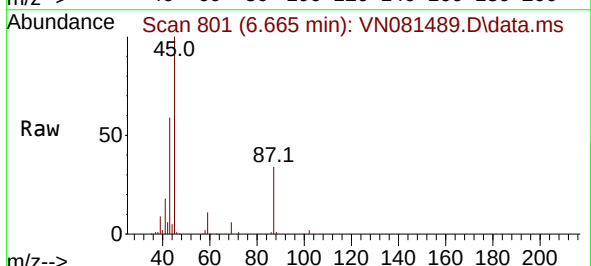
Manual Integrations
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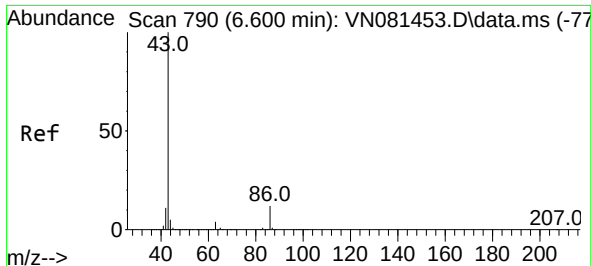
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#22
Diisopropyl ether
Concen: 19.400 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

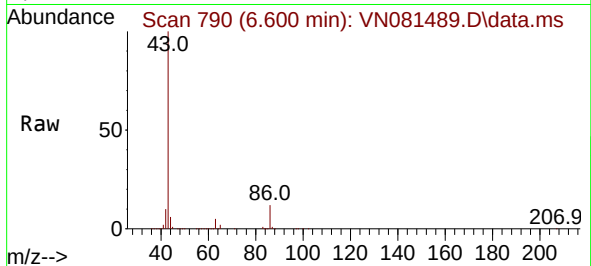
Tgt Ion: 45 Resp: 310164
Ion Ratio Lower Upper
45 100
43 57.6 41.8 62.8
87 33.8 18.1 27.1#
59 10.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 93.350 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14

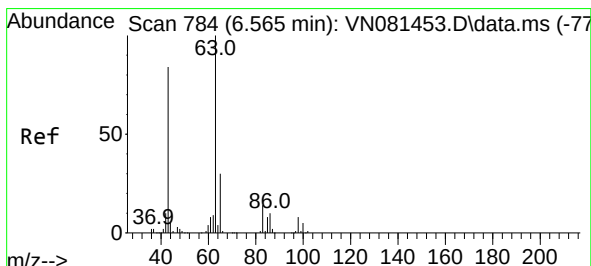
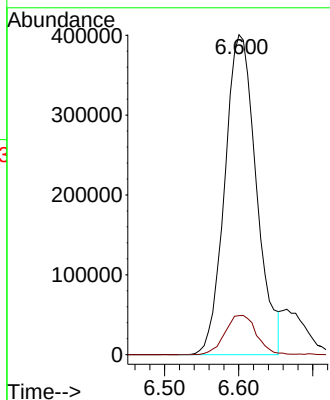
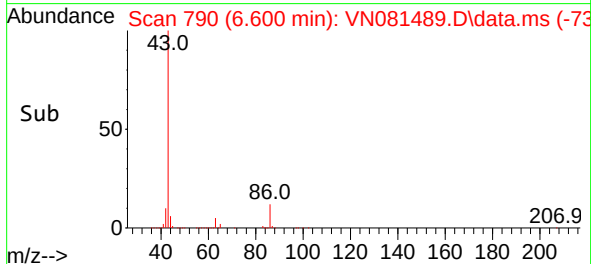
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320MBS01



Tgt Ion: 43 Resp: 1187954
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.1 10.7

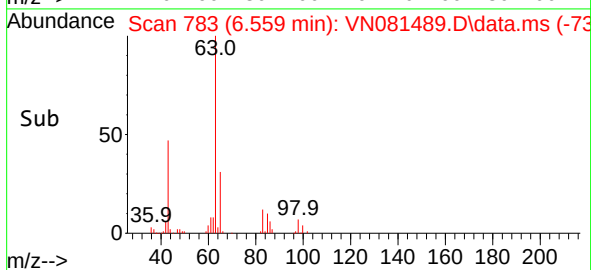
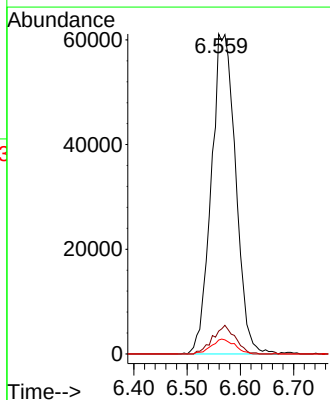
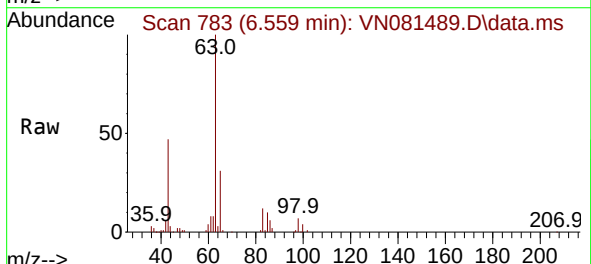
Manual Integrations
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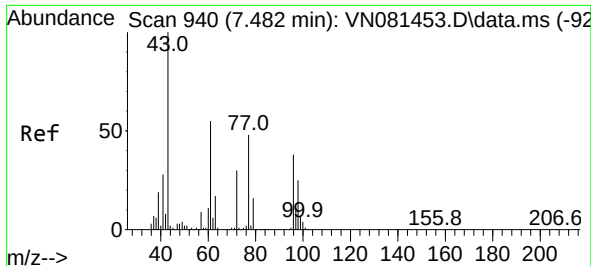
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024



#24
 1,1-Dichloroethane
 Concen: 18.156 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14

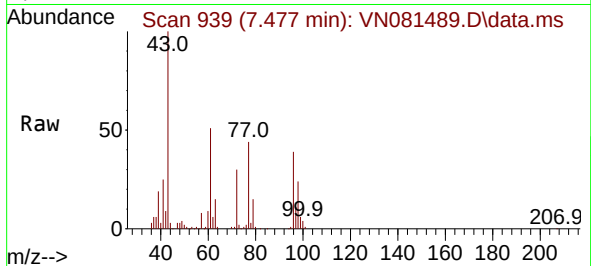
Tgt Ion: 63 Resp: 194418
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.6
 100 4.4 1.9 5.7





#25
2-Butanone
Concen: 87.282 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

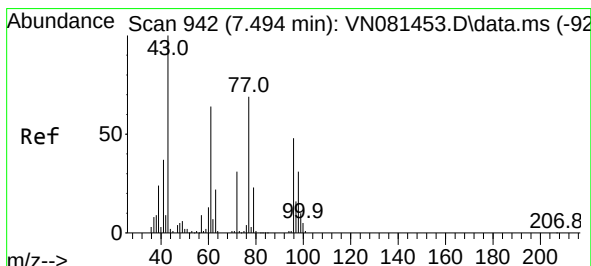
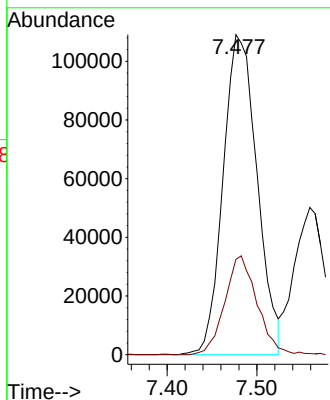
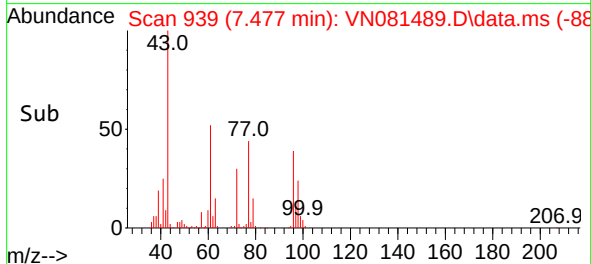
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion: 43 Resp: 28708
Ion Ratio Lower Upper
43 100
72 29.8 19.5 29.3

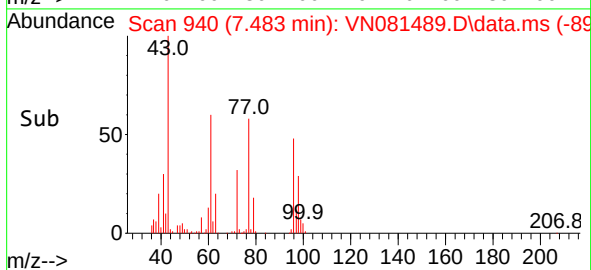
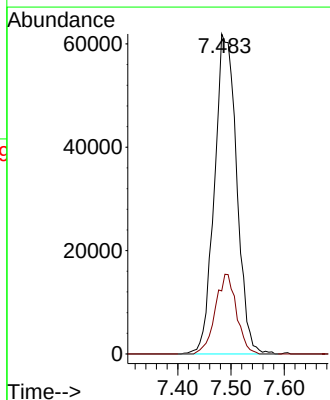
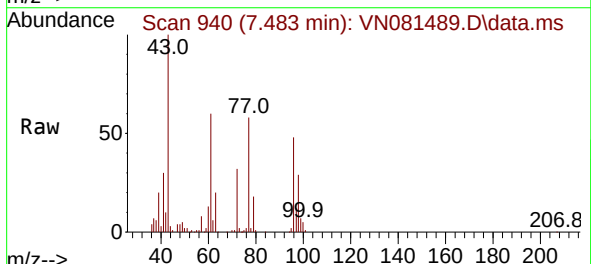
Manual Integrations
APPROVED

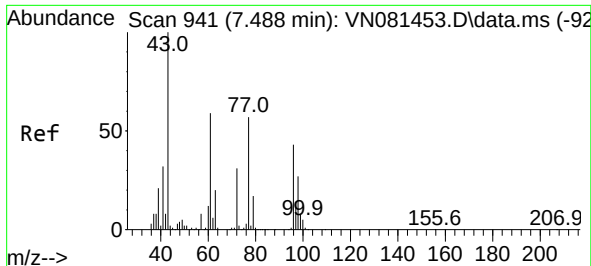
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#26
2,2-Dichloropropane
Concen: 19.330 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.012 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

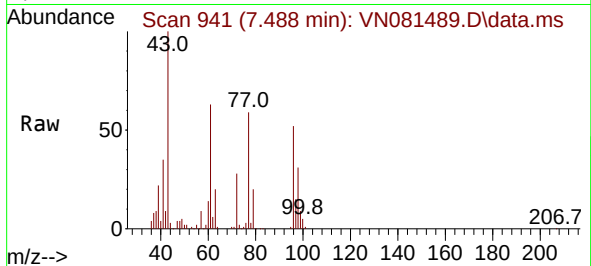
Tgt Ion: 77 Resp: 179528
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.053 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14

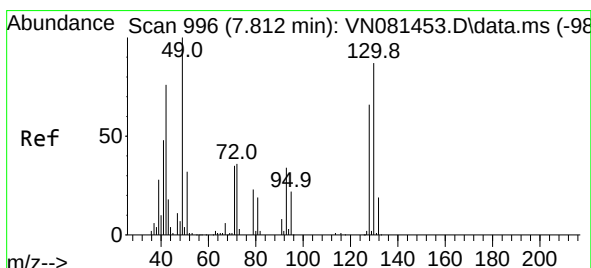
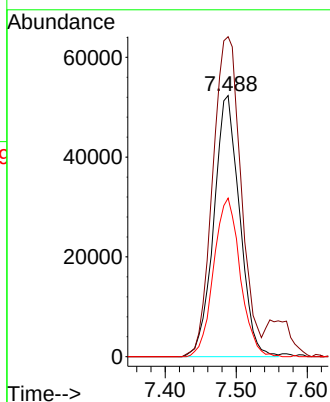
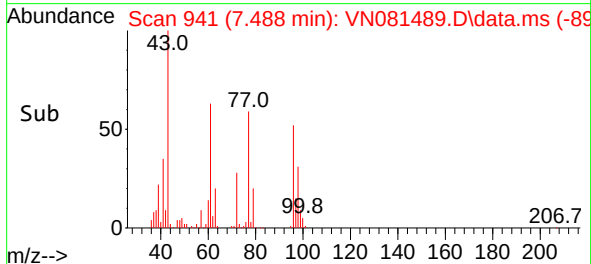
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320MBS01



Tgt Ion: 96 Resp: 131980
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 325.4
 98 62.5 0.0 130.4

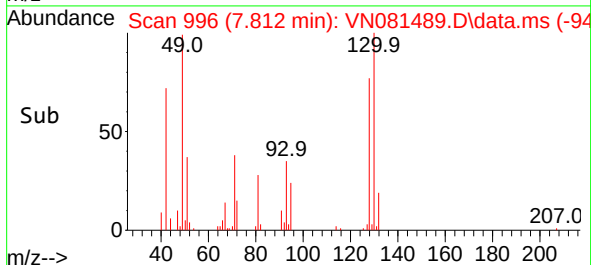
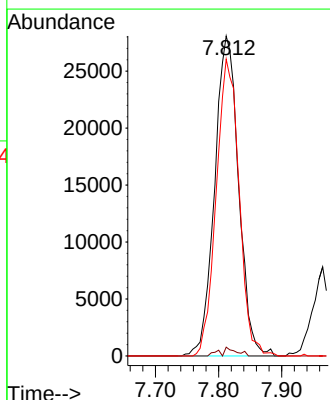
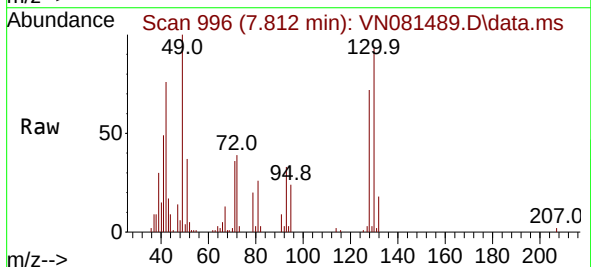
Manual Integrations
 APPROVED

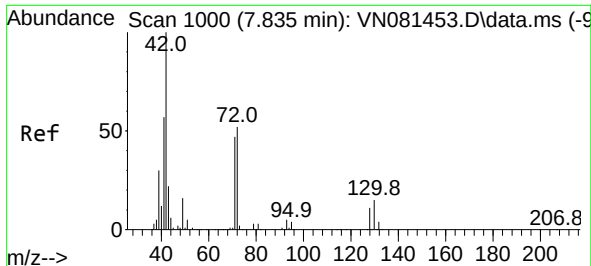
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024



#28
 Bromochloromethane
 Concen: 16.985 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14

Tgt Ion: 49 Resp: 74083
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 1.6
 130 88.4 42.3 63.5#





#29

Tetrahydrofuran

Concen: 90.556 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081489.D

Acq: 20 Mar 2024 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0320MBS01

Tgt Ion: 42 Resp: 20065

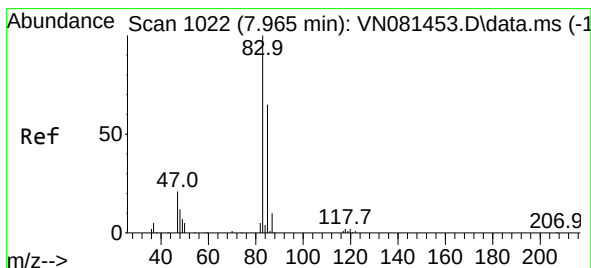
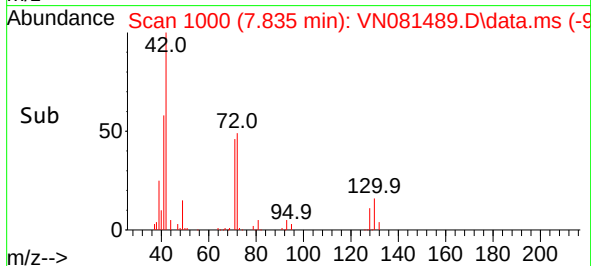
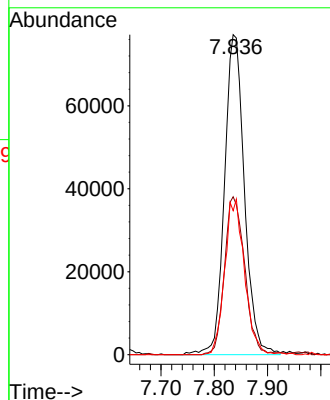
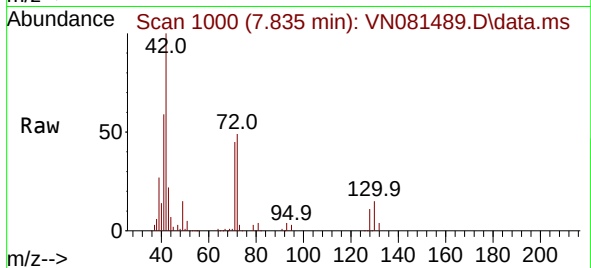
Ion	Ratio	Lower	Upper
42	100		
72	50.2	31.1	46.7
71	48.1	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#30

Chloroform

Concen: 18.610 ug/l

RT: 7.965 min Scan# 1022

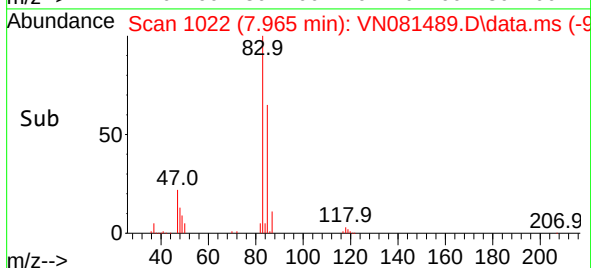
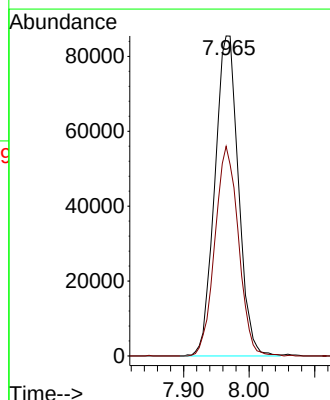
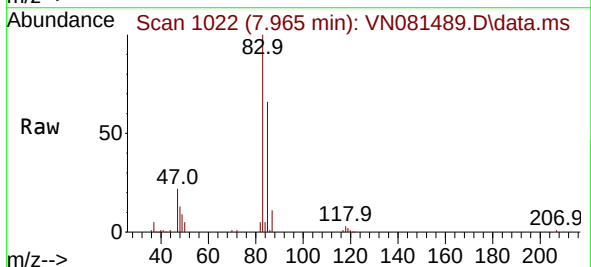
Delta R.T. 0.000 min

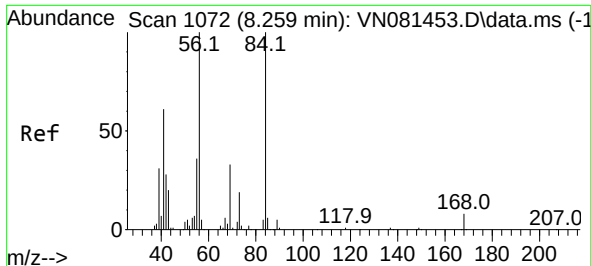
Lab File: VN081489.D

Acq: 20 Mar 2024 13:14

Tgt Ion: 83 Resp: 213331

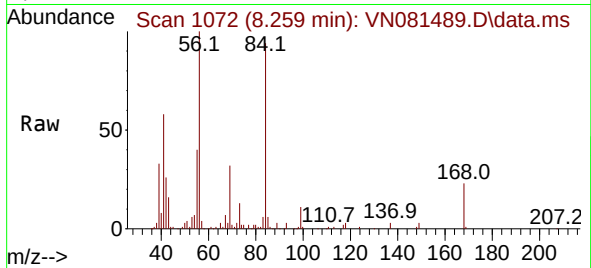
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.0	76.6





#31
Cyclohexane
Concen: 17.821 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

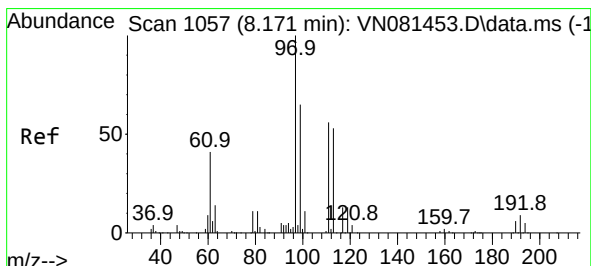
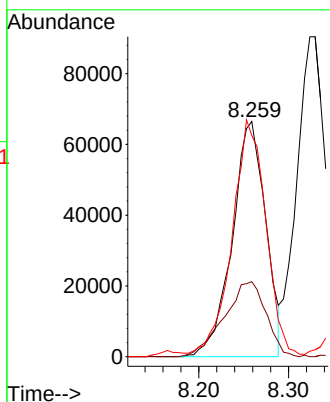
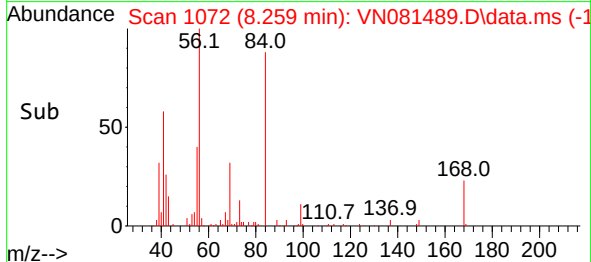
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion: 56 Resp: 172074
Ion Ratio Lower Upper
56 100
69 31.9 20.1 30.1
84 92.3 56.9 85.3

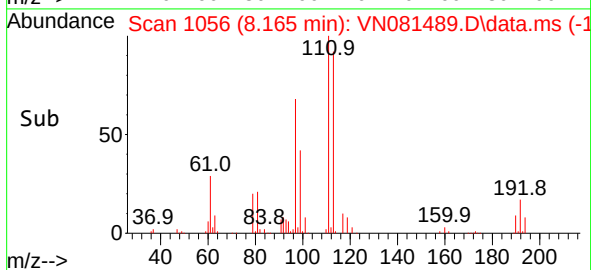
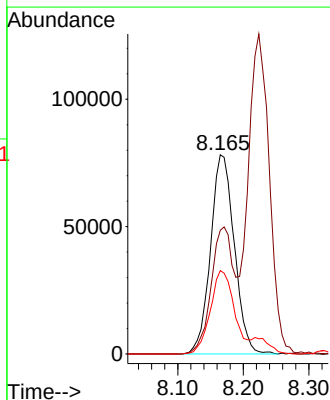
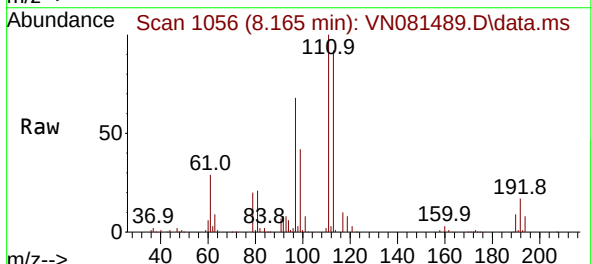
Manual Integrations
APPROVED

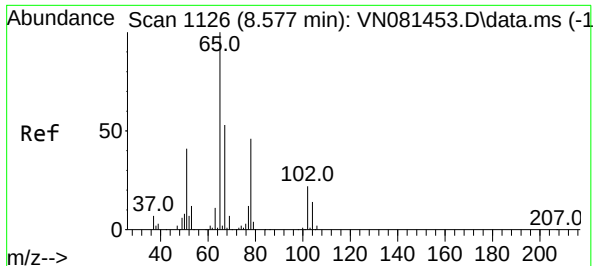
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#32
1,1,1-Trichloroethane
Concen: 18.902 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Tgt Ion: 97 Resp: 196587
Ion Ratio Lower Upper
97 100
99 58.9 53.4 80.0
61 43.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 50.060 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081489.D

Acq: 20 Mar 2024 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0320MBS01

Tgt Ion: 65 Resp: 29703

Ion Ratio Lower Upper

65 100

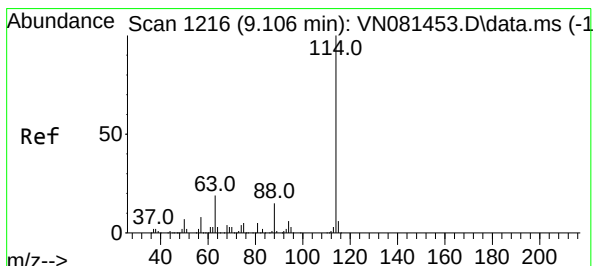
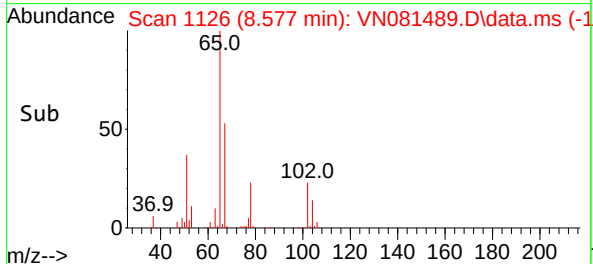
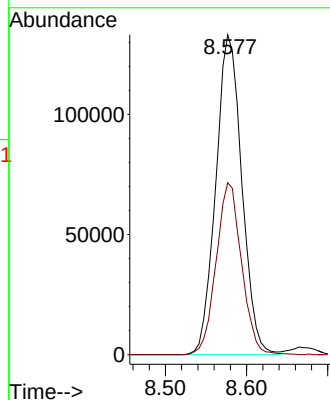
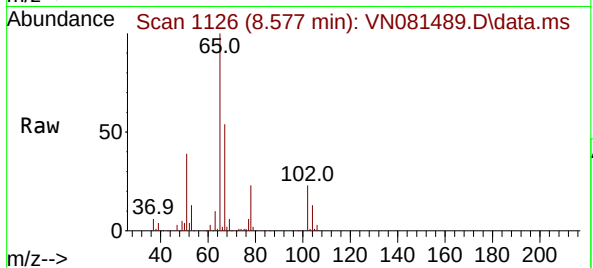
67 52.3 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081489.D

Acq: 20 Mar 2024 13:14

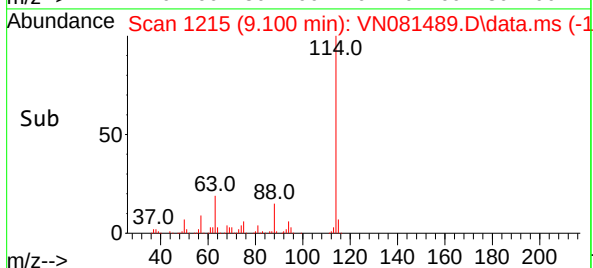
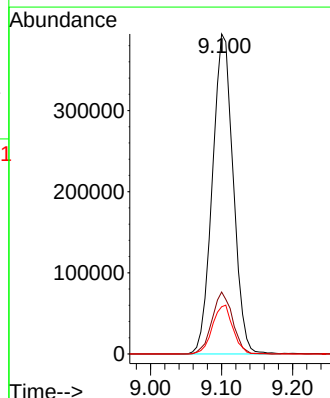
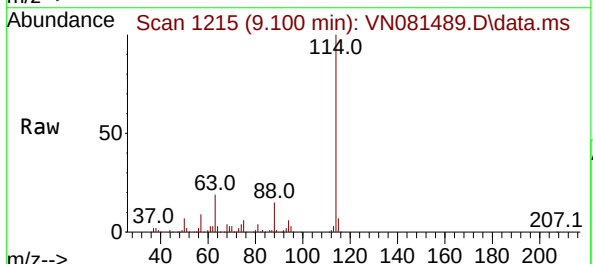
Tgt Ion:114 Resp: 801022

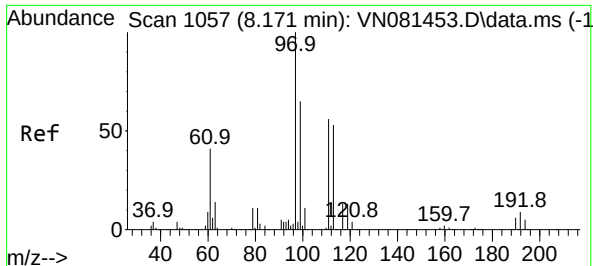
Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

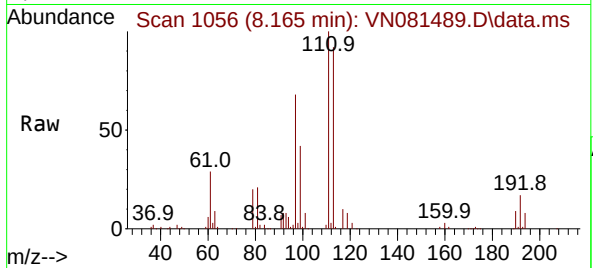
88 14.7 0.0 34.8





#35
Dibromofluoromethane
Concen: 50.757 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

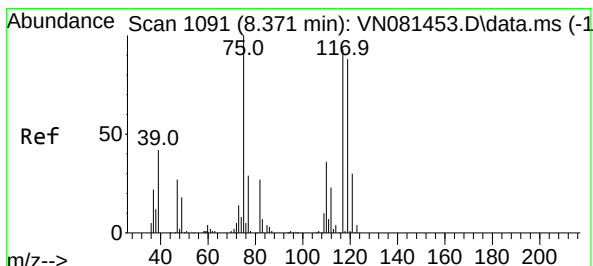
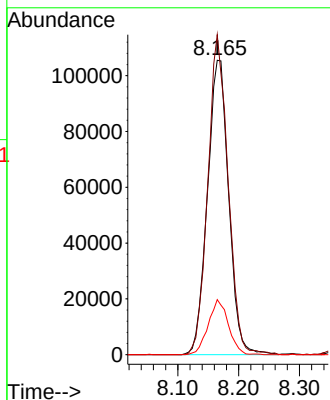
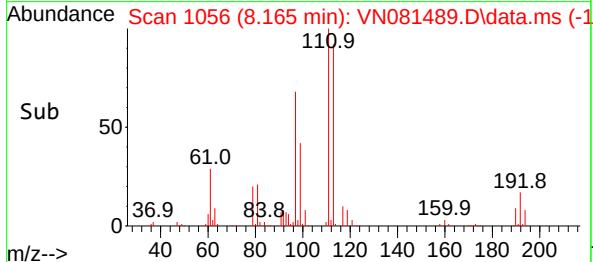
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion: 113 Resp: 256589
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 17.7 12.5 18.7

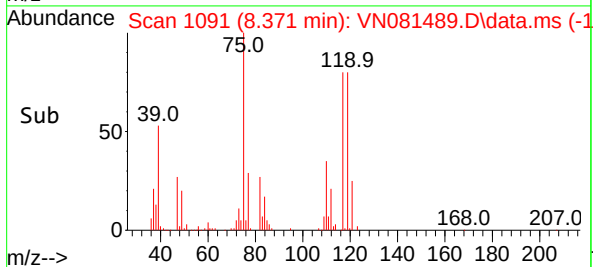
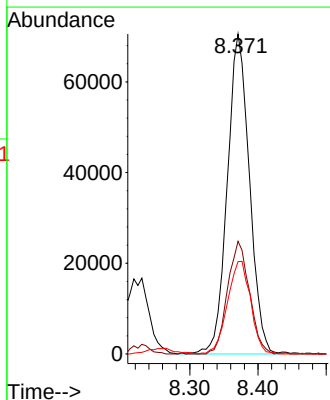
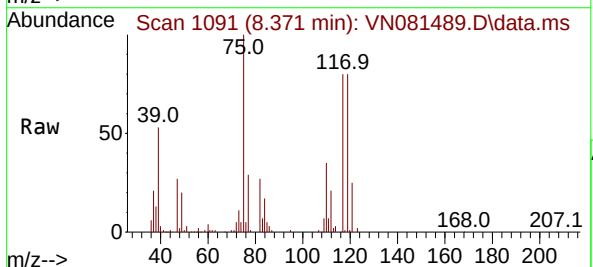
Manual Integrations
APPROVED

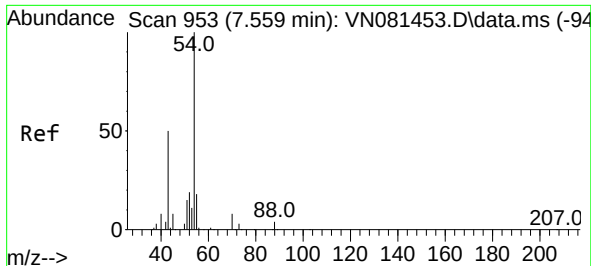
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#36
1,1-Dichloropropene
Concen: 18.706 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

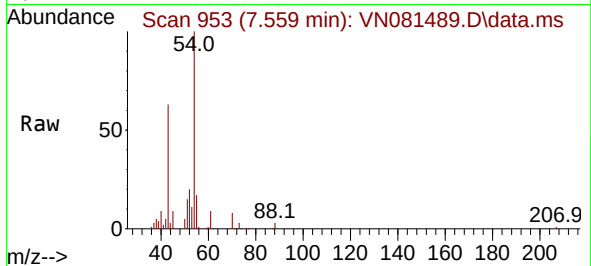
Tgt Ion: 75 Resp: 159139
Ion Ratio Lower Upper
75 100
110 34.8 16.0 48.0
77 30.3 25.8 38.6





#37
Ethyl Acetate
Concen: 17.784 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

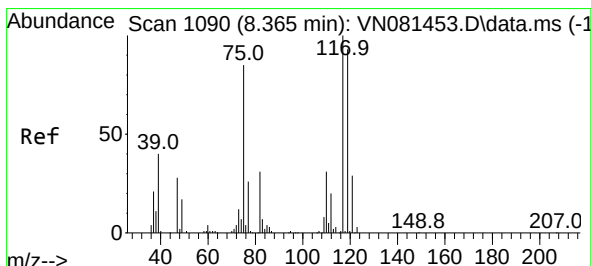
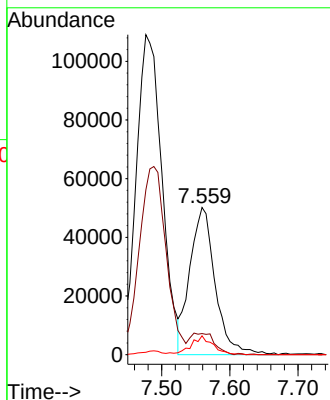
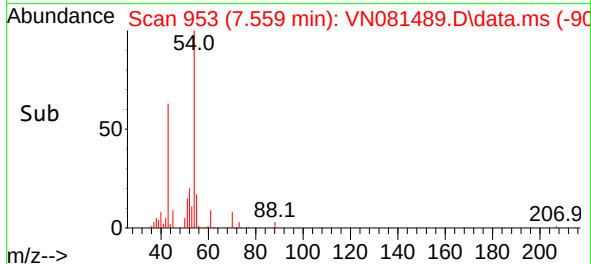
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion: 43 Resp: 12955
Ion Ratio Lower Upper
43 100
61 13.8 10.6 15.8
70 10.7 8.0 12.0

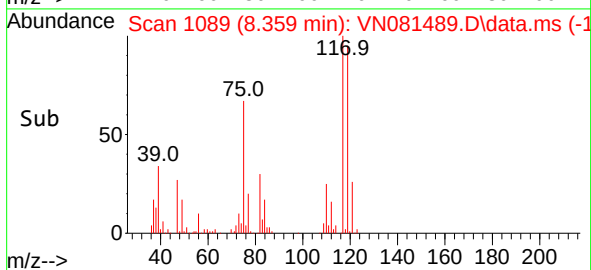
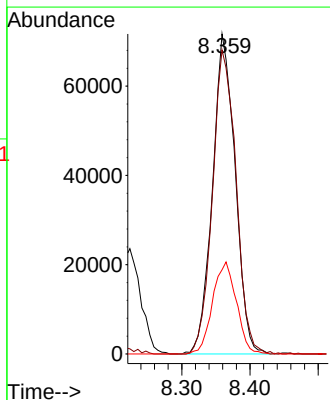
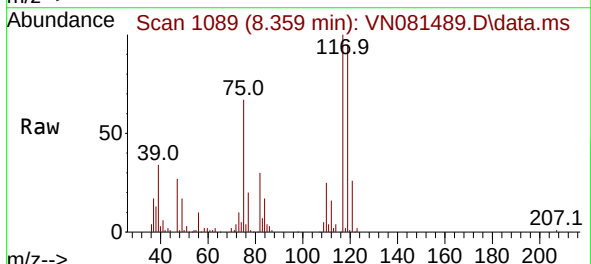
Manual Integrations
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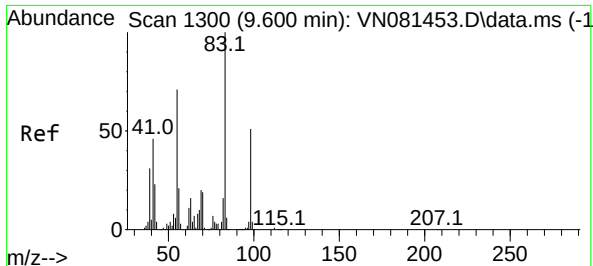
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#38
Carbon Tetrachloride
Concen: 17.818 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Tgt Ion:117 Resp: 166053
Ion Ratio Lower Upper
117 100
119 95.0 73.4 110.2
121 26.3 24.4 36.6





#39

Methylcyclohexane

Concen: 18.992 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081489.D

Acq: 20 Mar 2024 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0320MBS01

Tgt Ion: 83 Resp: 180430

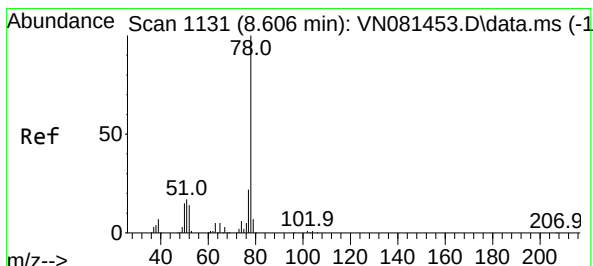
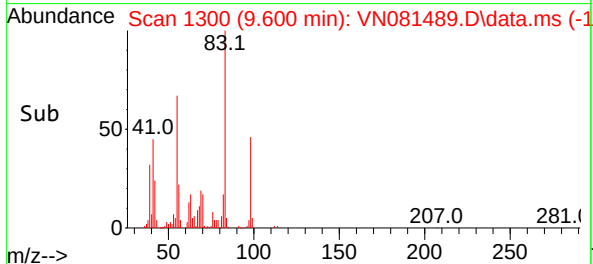
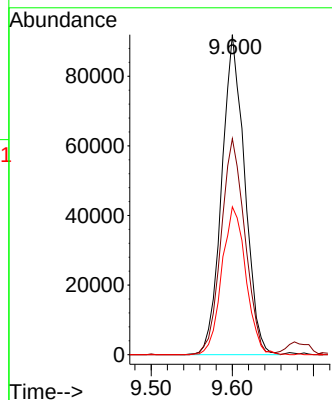
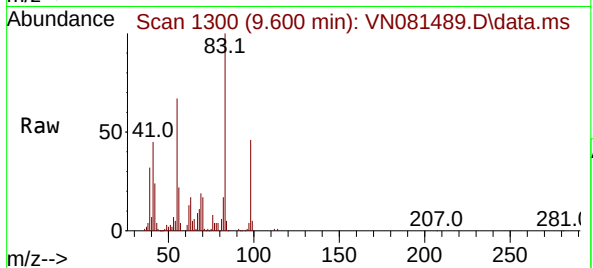
Ion	Ratio	Lower	Upper
83	100		
55	67.5	65.7	98.5
98	46.2	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#40

Benzene

Concen: 18.713 ug/l

RT: 8.606 min Scan# 1131

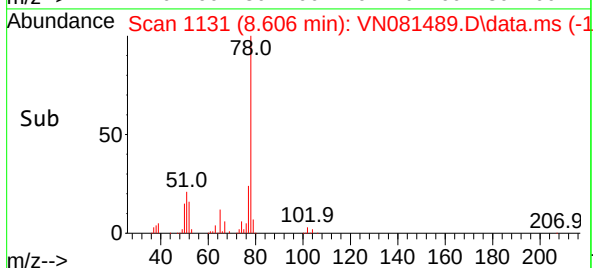
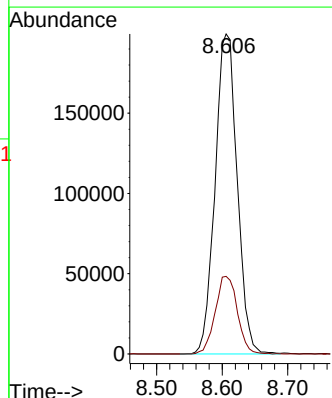
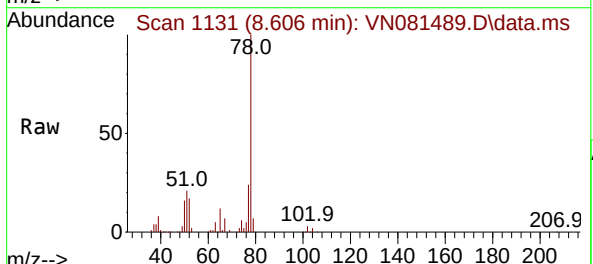
Delta R.T. 0.000 min

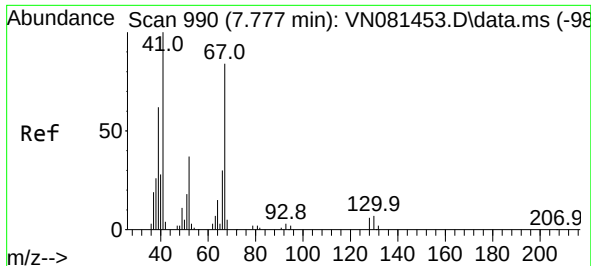
Lab File: VN081489.D

Acq: 20 Mar 2024 13:14

Tgt Ion: 78 Resp: 465438

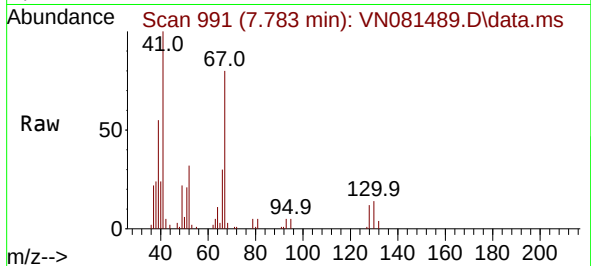
Ion	Ratio	Lower	Upper
78	100		
77	24.3	20.4	30.6





#41
Methacrylonitrile
Concen: 18.171 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

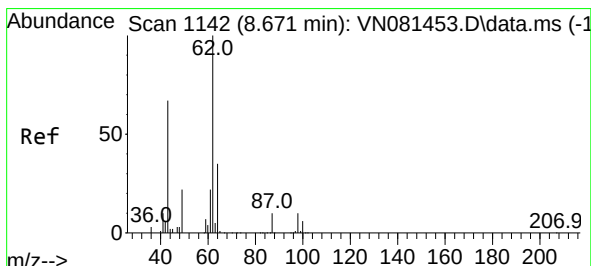
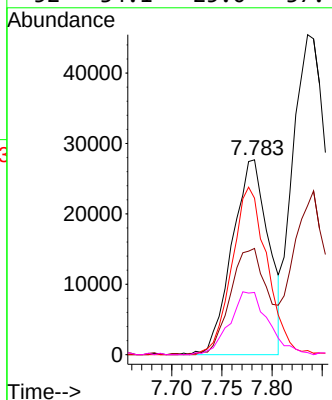
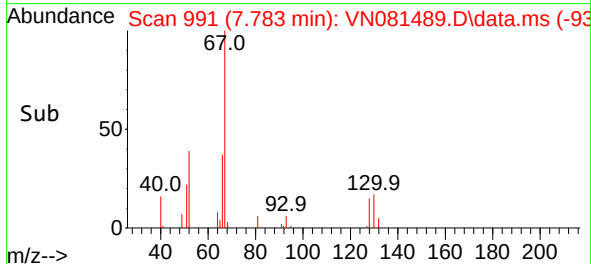
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion: 41 Resp: 7000
Ion Ratio Lower Upper
41 100
39 56.7 48.4 72.6
67 83.4 56.8 85.2
52 34.1 25.0 37.4

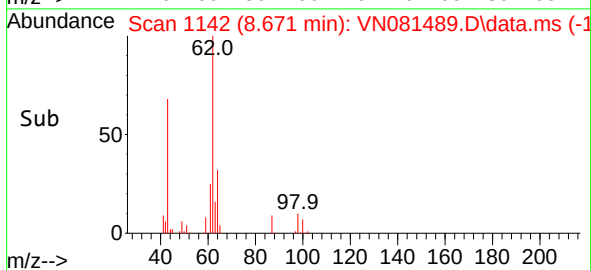
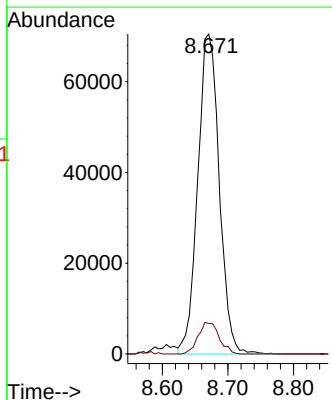
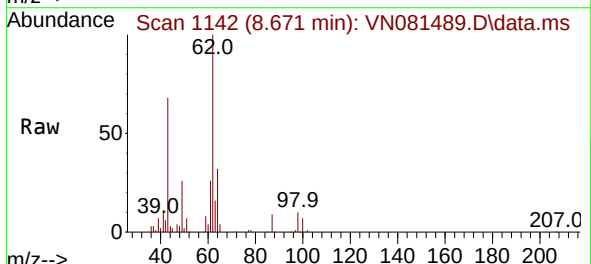
Manual Integrations
APPROVED

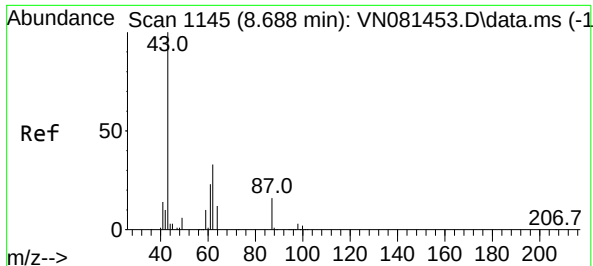
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#42
1,2-Dichloroethane
Concen: 18.378 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

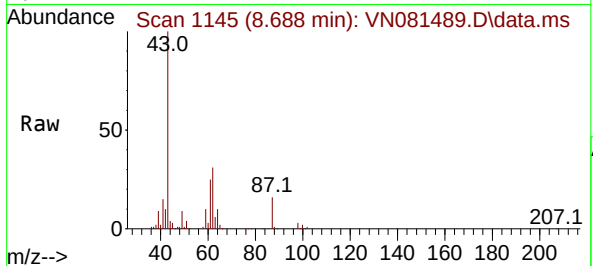
Tgt Ion: 62 Resp: 160860
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.0





#43
Isopropyl Acetate
Concen: 18.100 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

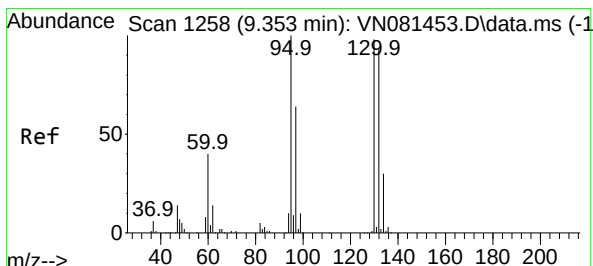
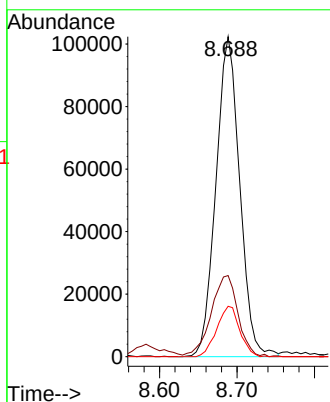
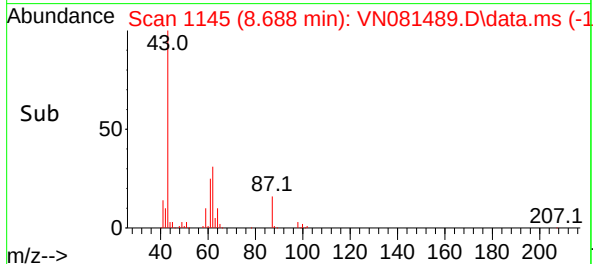
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion: 43 Resp: 218560
Ion Ratio Lower Upper
43 100
61 28.6 19.9 29.9
87 15.2 9.0 13.6

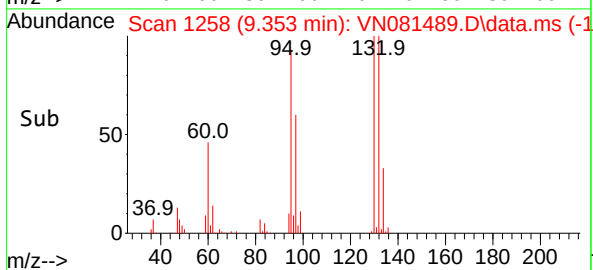
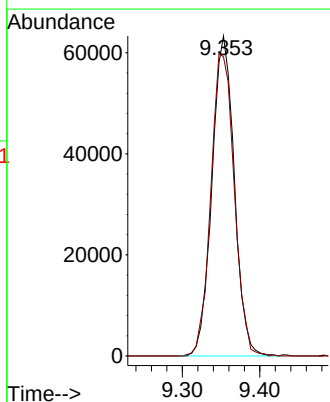
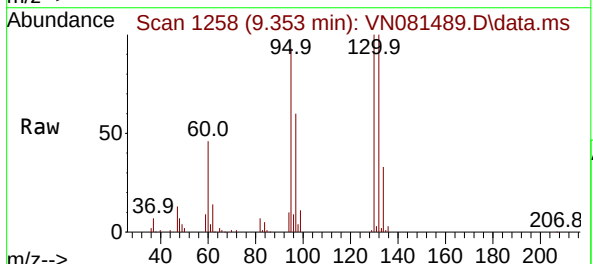
Manual Integrations
APPROVED

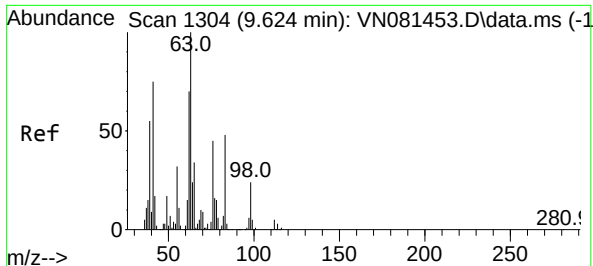
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#44
Trichloroethene
Concen: 18.100 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Tgt Ion:130 Resp: 126616
Ion Ratio Lower Upper
130 100
95 93.5 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.427 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081489.D

Acq: 20 Mar 2024 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0320MBS01

Tgt Ion: 63 Resp: 11710

Ion Ratio Lower Upper

63 100

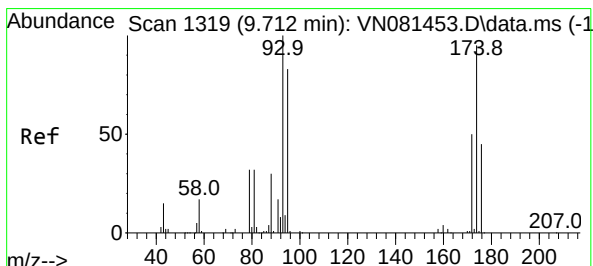
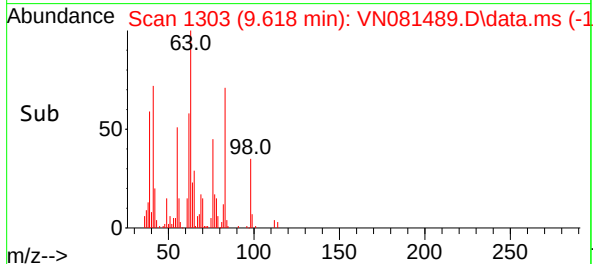
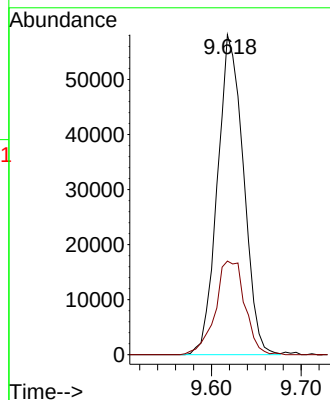
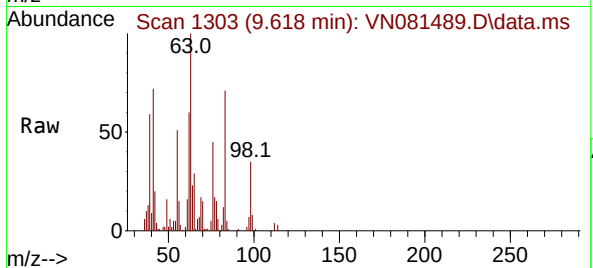
65 29.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#46

Dibromomethane

Concen: 17.701 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081489.D

Acq: 20 Mar 2024 13:14

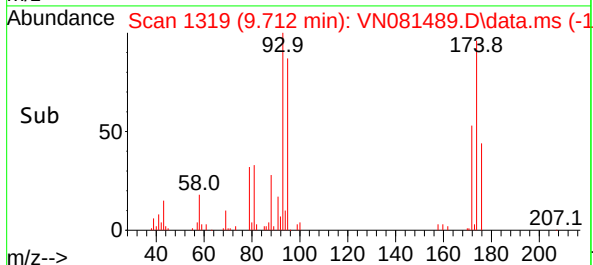
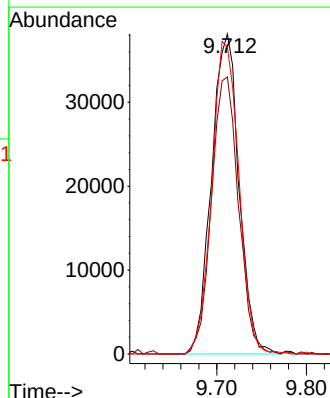
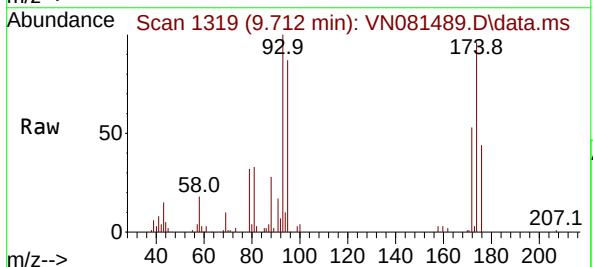
Tgt Ion: 93 Resp: 81030

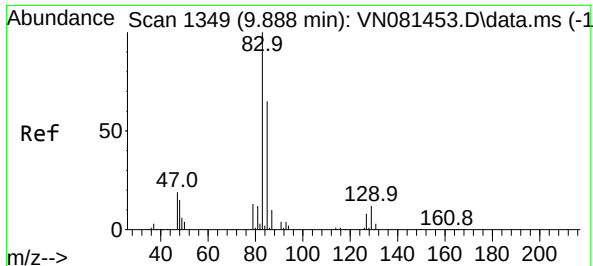
Ion Ratio Lower Upper

93 100

95 85.3 68.1 102.1

174 95.9 57.2 85.8#





#47

Bromodichloromethane

Concen: 18.500 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN081489.D

Acq: 20 Mar 2024 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0320MBS01

Tgt Ion: 83 Resp: 165574

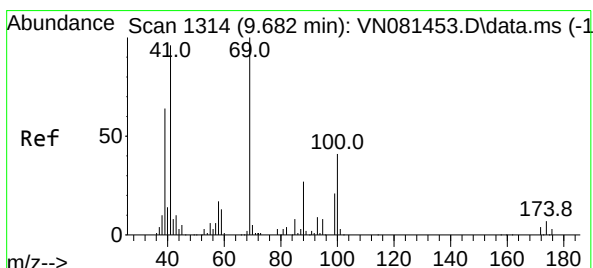
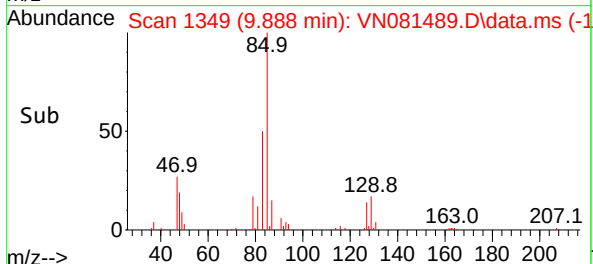
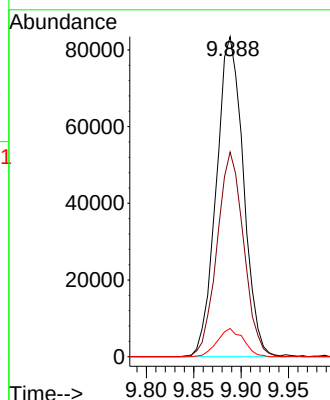
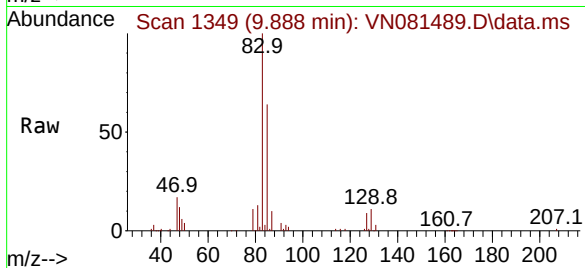
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.3	78.5
127	8.8	4.6	7.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#48

Methyl methacrylate

Concen: 17.839 ug/l

RT: 9.677 min Scan# 1313

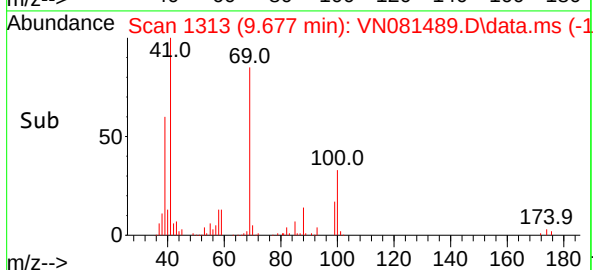
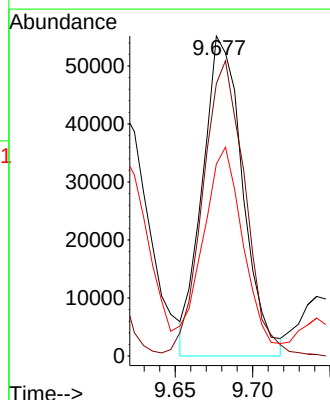
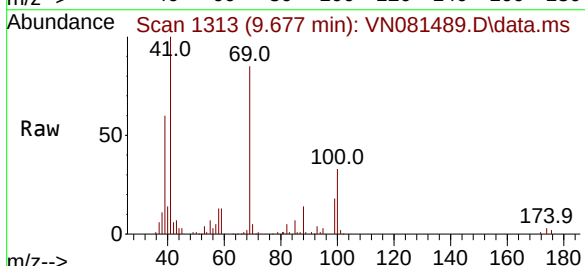
Delta R.T. -0.006 min

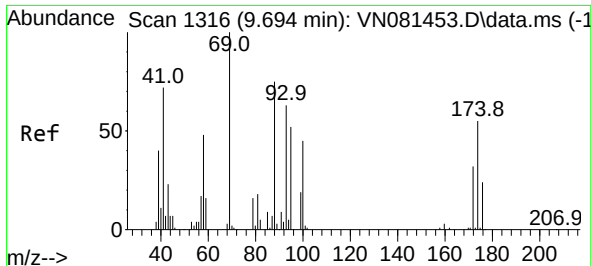
Lab File: VN081489.D

Acq: 20 Mar 2024 13:14

Tgt Ion: 41 Resp: 99360

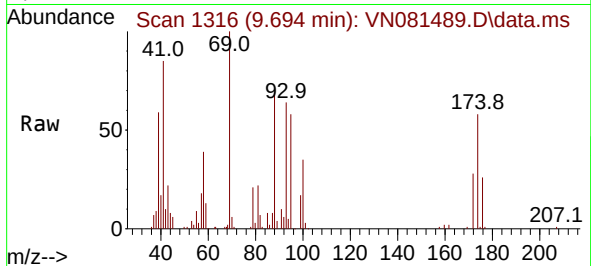
Ion	Ratio	Lower	Upper
41	100		
69	97.2	62.2	93.2
39	67.4	47.6	71.4





#49
1,4-Dioxane
Concen: 337.546 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

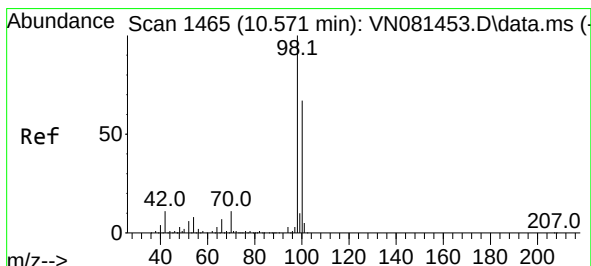
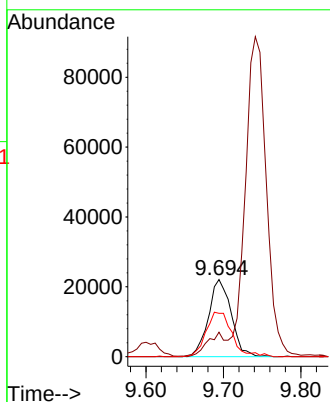
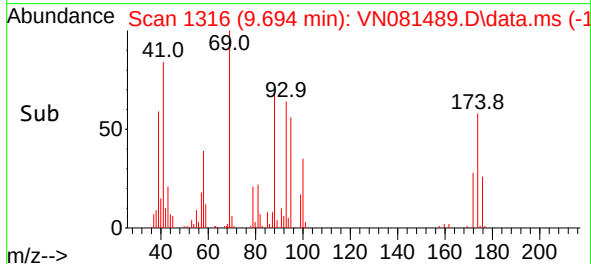
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion: 88 Resp: 45180
Ion Ratio Lower Upper
88 100
43 26.0 30.1 45.1
58 65.9 63.9 95.9

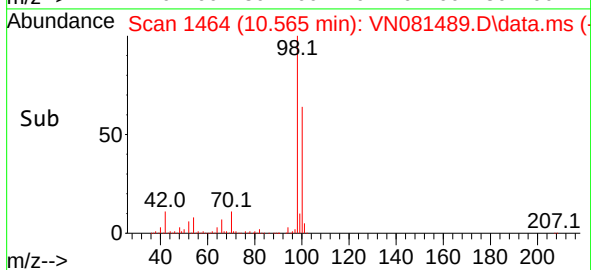
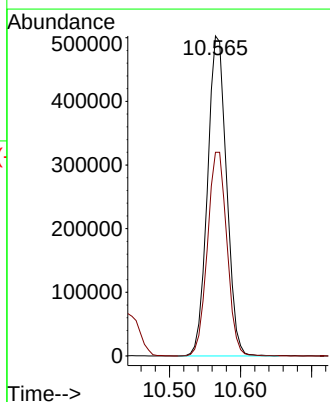
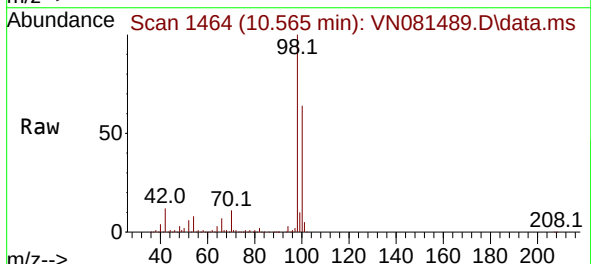
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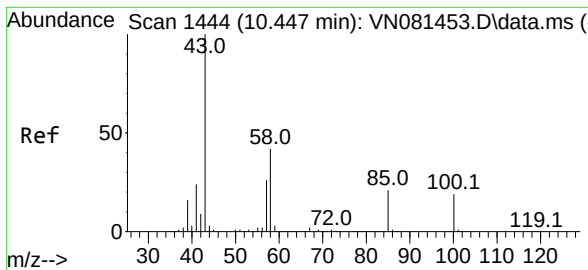
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#50
Toluene-d8
Concen: 51.135 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Tgt Ion: 98 Resp: 934454
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0





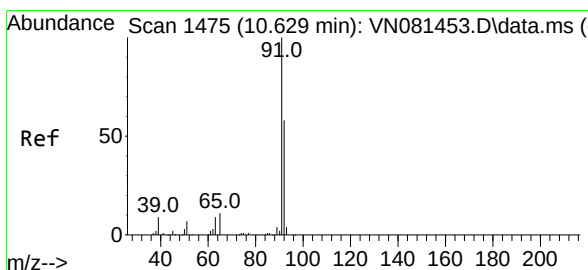
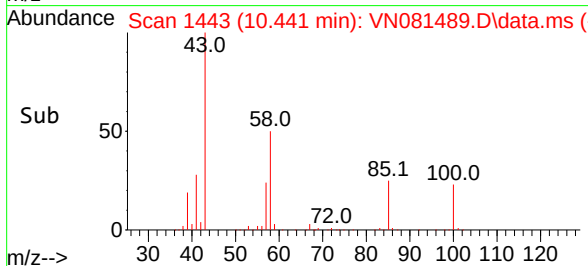
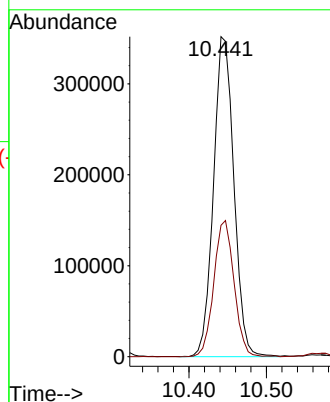
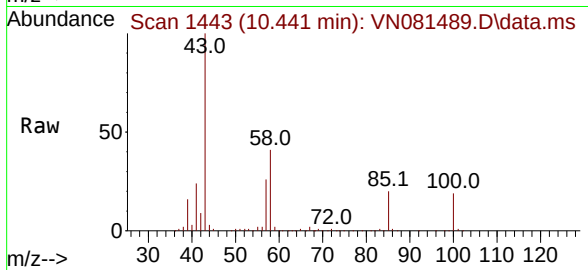
#51
4-Methyl-2-Pentanone
Concen: 87.313 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01

Tgt Ion: 43 Resp: 64335
Ion Ratio Lower Upper
43 100
58 42.2 29.4 44.0

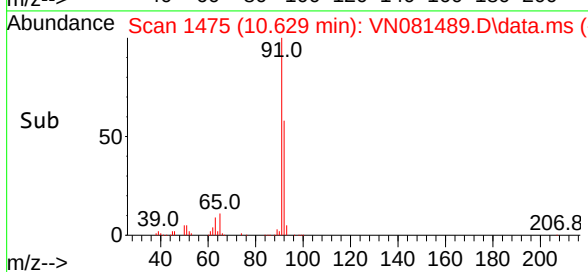
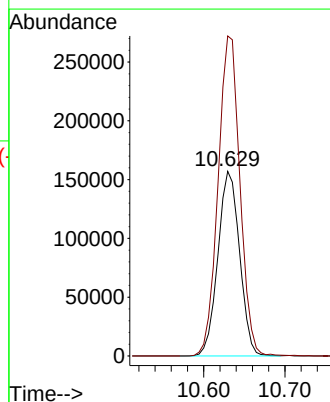
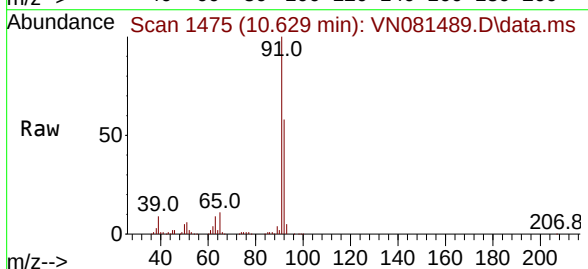
Manual Integrations
APPROVED

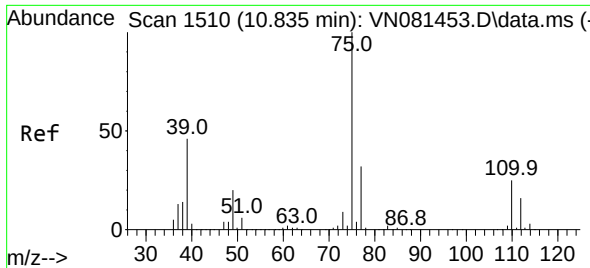
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#52
Toluene
Concen: 18.442 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

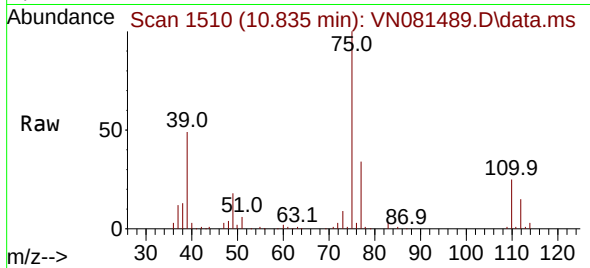
Tgt Ion: 92 Resp: 291536
Ion Ratio Lower Upper
92 100
91 174.9 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 18.188 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

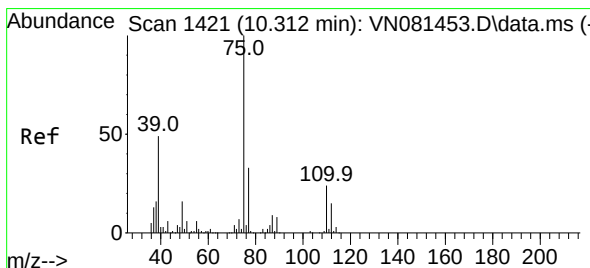
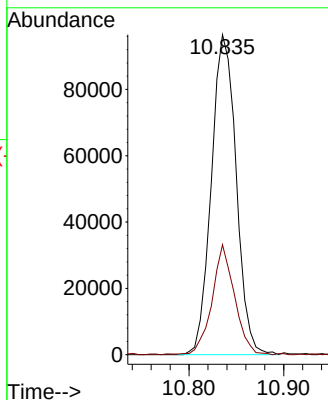
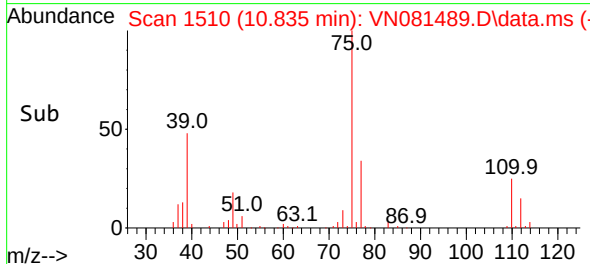
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion: 75 Resp: 175770
Ion Ratio Lower Upper
75 100
77 34.2 25.5 38.3

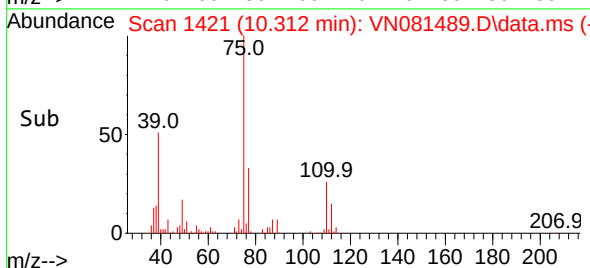
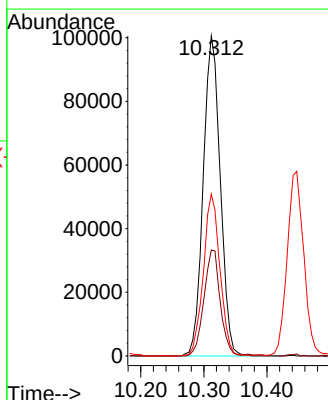
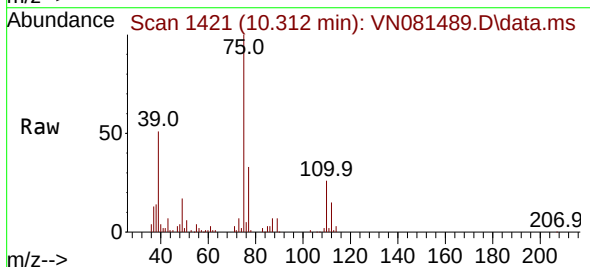
Manual Integrations
APPROVED

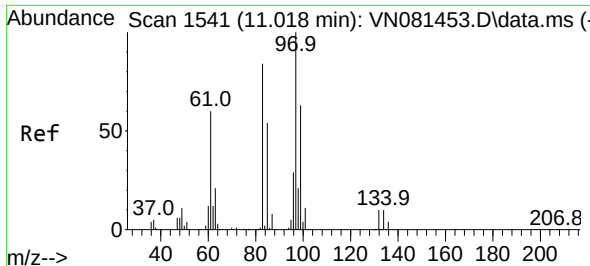
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#54
cis-1,3-Dichloropropene
Concen: 18.187 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

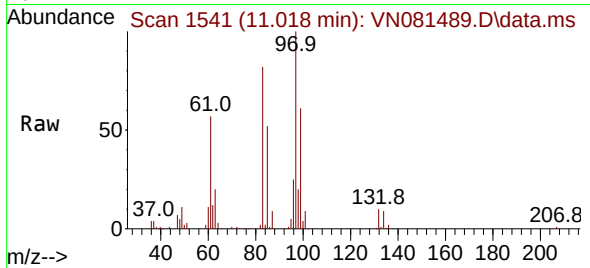
Tgt Ion: 75 Resp: 188451
Ion Ratio Lower Upper
75 100
77 33.2 23.3 34.9
39 50.6 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 17.834 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

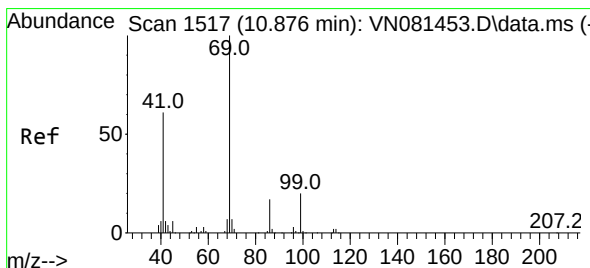
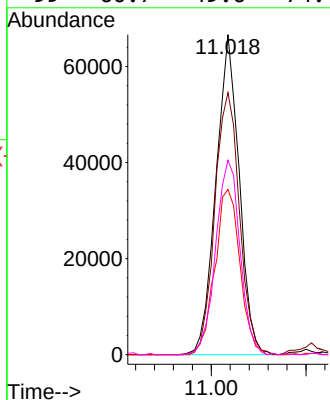
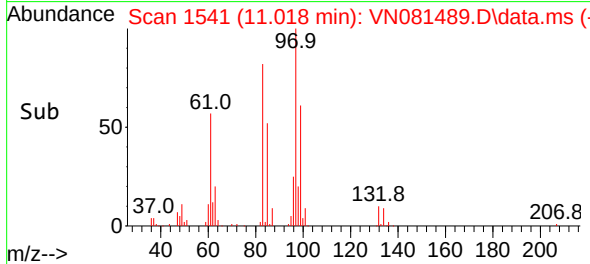
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



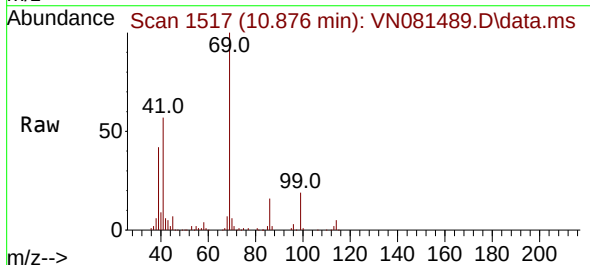
Tgt Ion: 97 Resp: 11346
Ion Ratio Lower Upper
97 100
83 81.9 72.9 109.3
85 51.7 50.2 75.2
99 60.7 49.6 74.4

Manual Integrations
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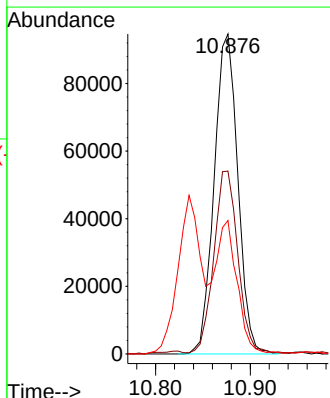
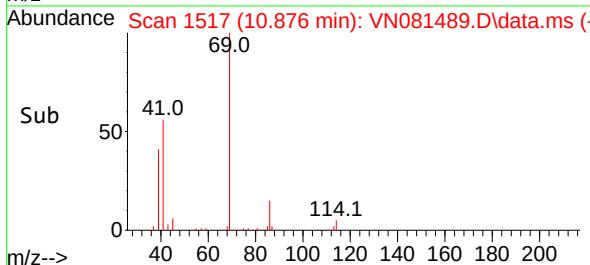
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

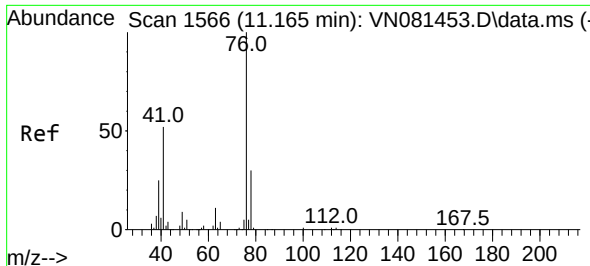


#56
Ethyl methacrylate
Concen: 18.883 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14



Tgt Ion: 69 Resp: 164320
Ion Ratio Lower Upper
69 100
41 57.5 61.0 91.6#
39 39.5 31.8 47.6





#57

1,3-Dichloropropane

Concen: 18.895 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081489.D

Acq: 20 Mar 2024 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0320MBS01

Tgt Ion: 76 Resp: 197062

Ion Ratio Lower Upper

76 100

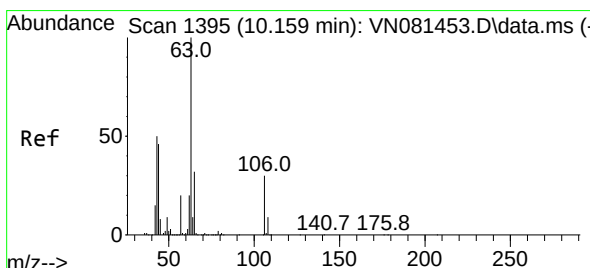
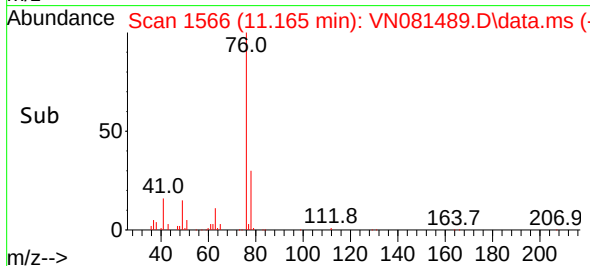
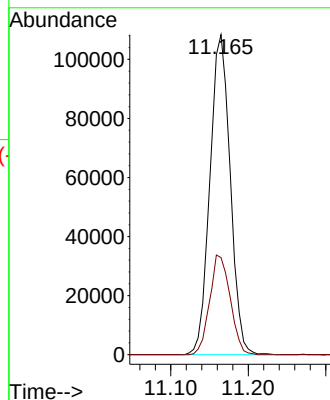
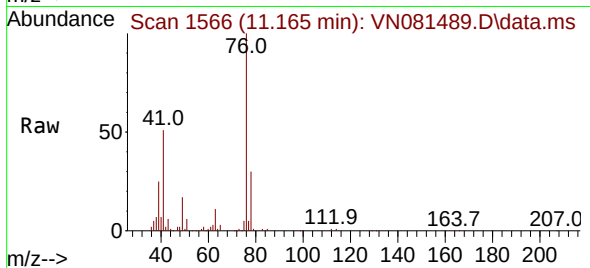
78 31.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#58

2-Chloroethyl Vinyl ether

Concen: 101.604 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081489.D

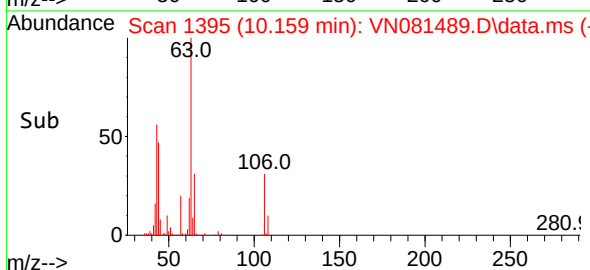
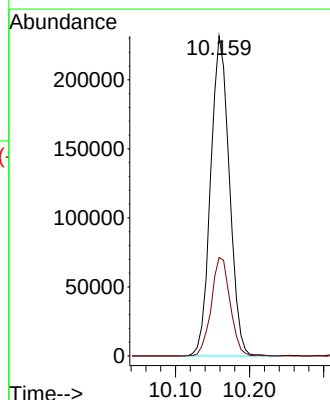
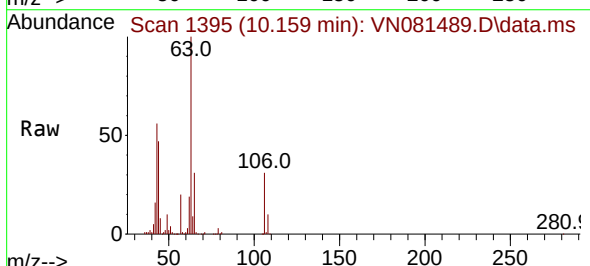
Acq: 20 Mar 2024 13:14

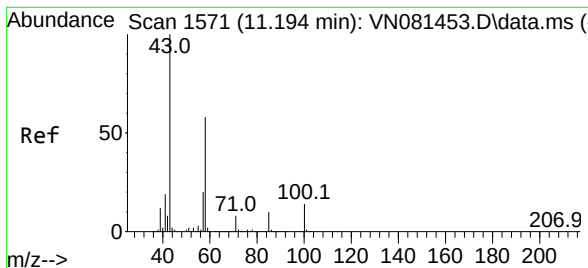
Tgt Ion: 63 Resp: 406733

Ion Ratio Lower Upper

63 100

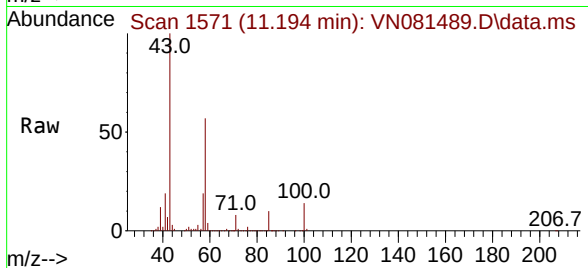
106 31.0 18.6 28.0#





#59
2-Hexanone
Concen: 88.871 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

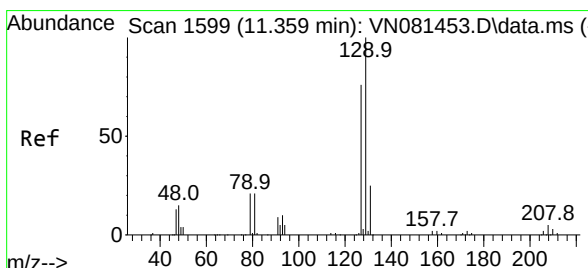
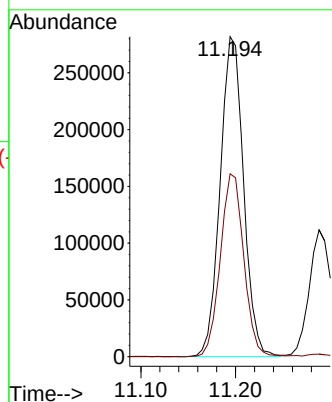
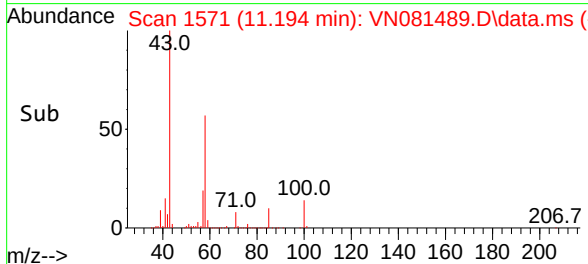
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion: 43 Resp: 484144
Ion Ratio Lower Upper
43 100
58 57.3 25.9 77.8

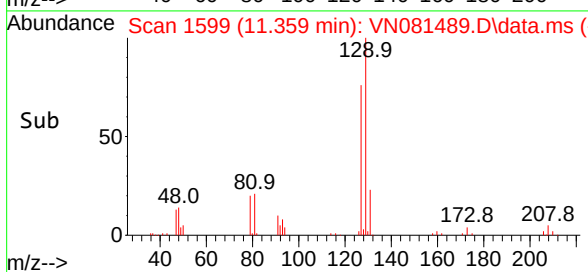
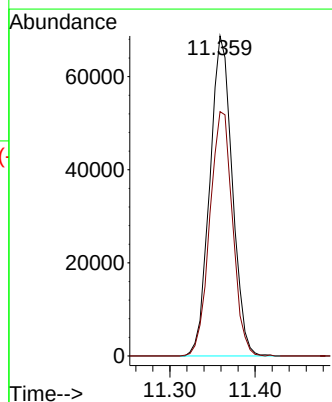
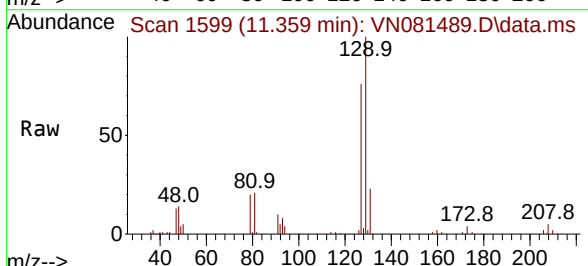
Manual Integrations
APPROVED

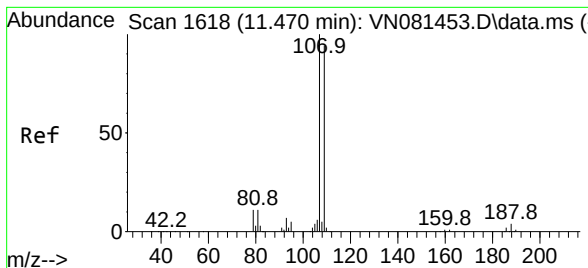
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#60
Dibromochloromethane
Concen: 18.048 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

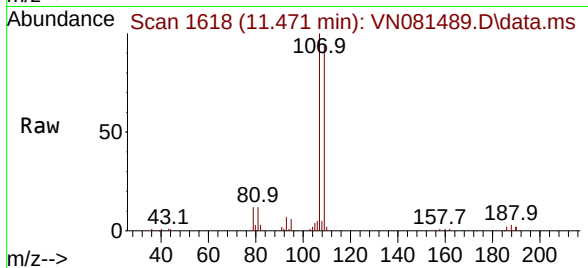
Tgt Ion:129 Resp: 126273
Ion Ratio Lower Upper
129 100
127 77.2 39.4 118.2





#61
1,2-Dibromoethane
Concen: 18.215 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

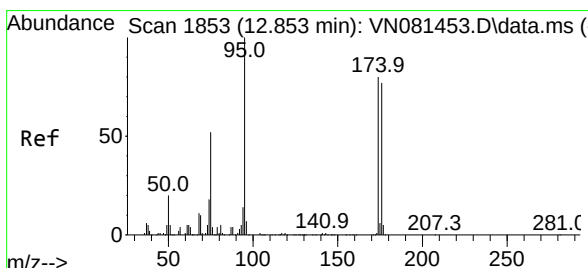
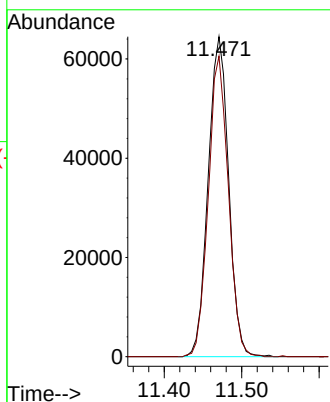
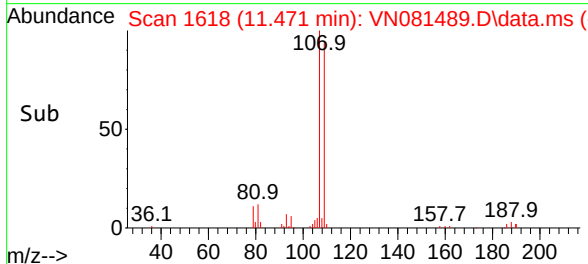
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion:107 Resp: 118145
Ion Ratio Lower Upper
107 100
109 92.0 73.4 110.2

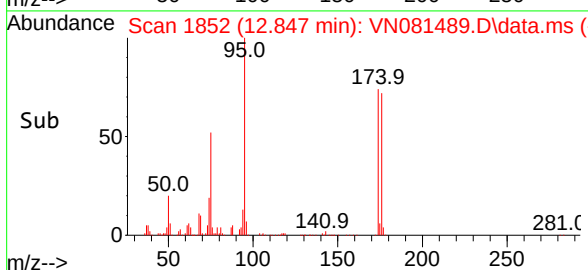
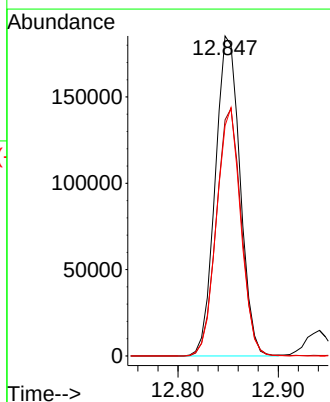
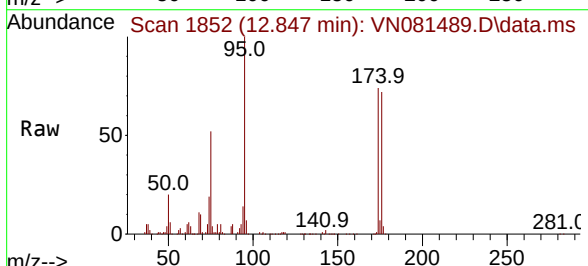
Manual Integrations
APPROVED

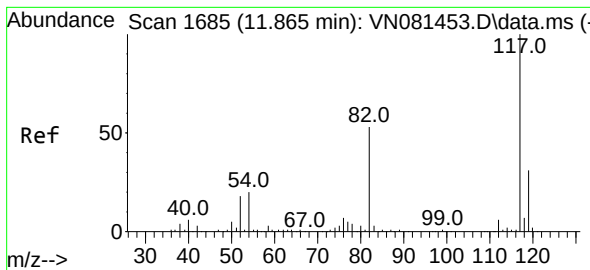
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#62
4-Bromofluorobenzene
Concen: 49.336 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

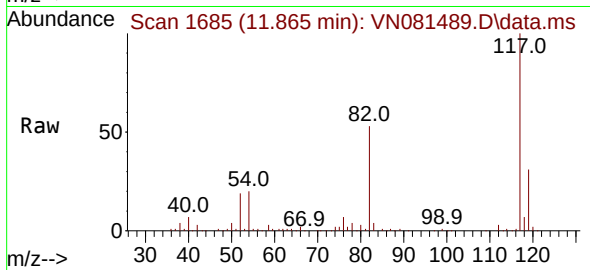
Tgt Ion: 95 Resp: 317681
Ion Ratio Lower Upper
95 100
174 77.3 0.0 120.4
176 75.6 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

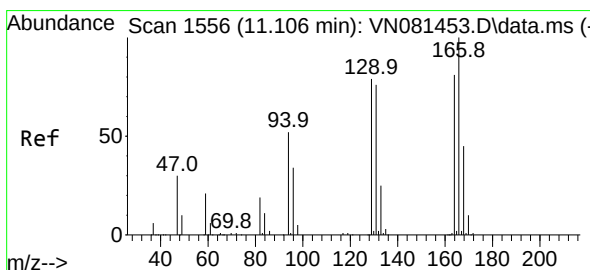
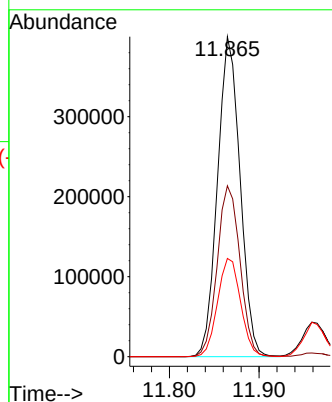
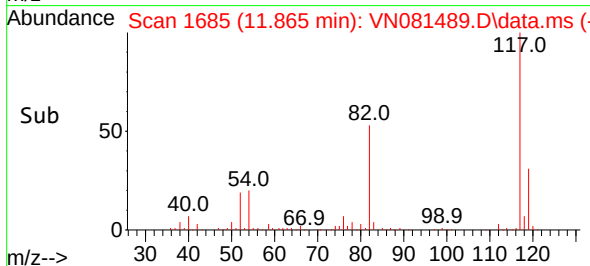
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion:117 Resp: 698668
Ion Ratio Lower Upper
117 100
82 53.4 52.7 79.1
119 30.7 25.3 37.9

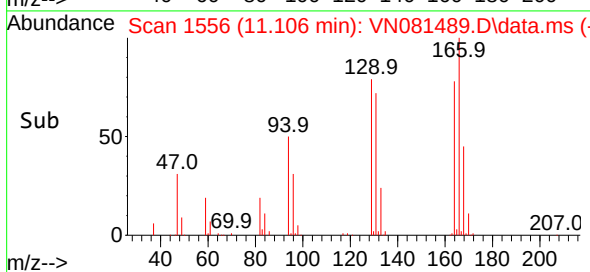
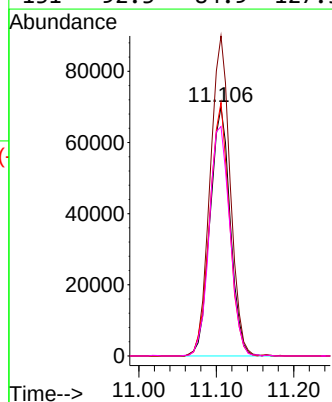
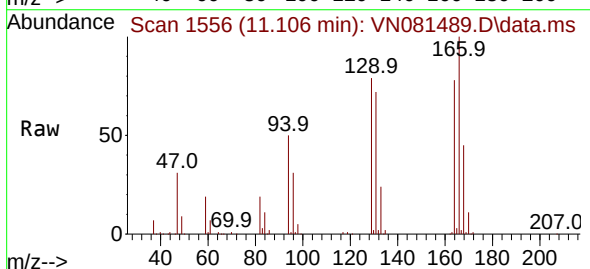
Manual Integrations
APPROVED

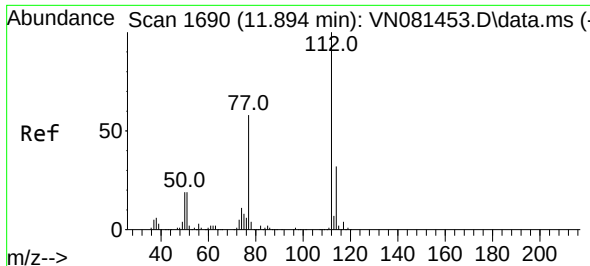
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#64
Tetrachloroethene
Concen: 18.875 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Tgt Ion:164 Resp: 126053
Ion Ratio Lower Upper
164 100
166 128.7 105.8 158.6
129 101.9 89.6 134.4
131 92.3 84.9 127.3





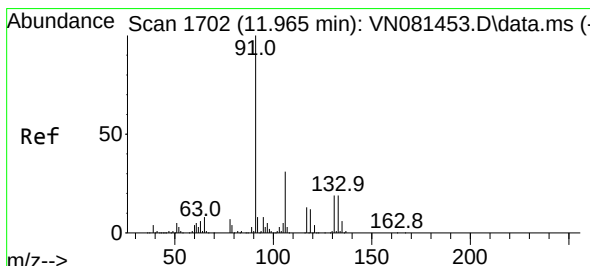
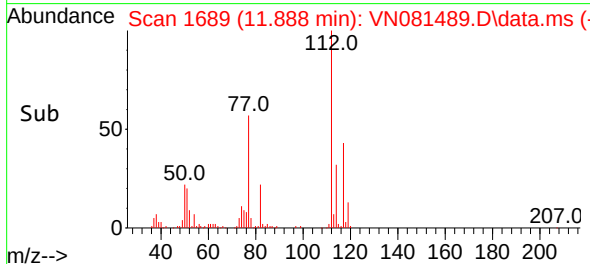
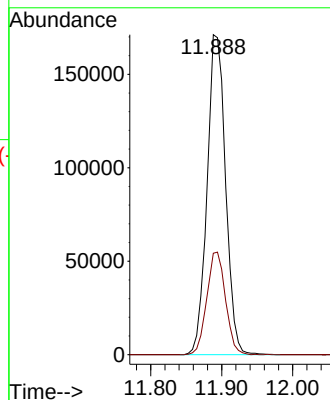
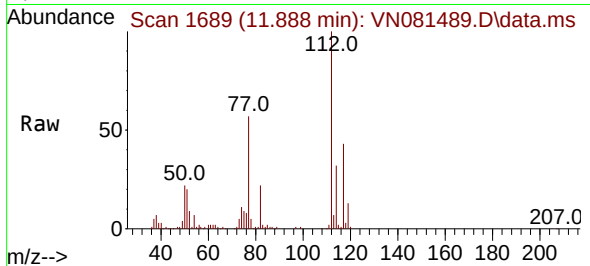
#65
Chlorobenzene
Concen: 18.763 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01

Tgt Ion:112 Resp: 309894
Ion Ratio Lower Upper
112 100
114 31.7 23.7 35.5

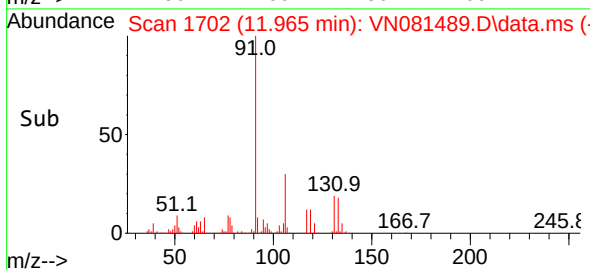
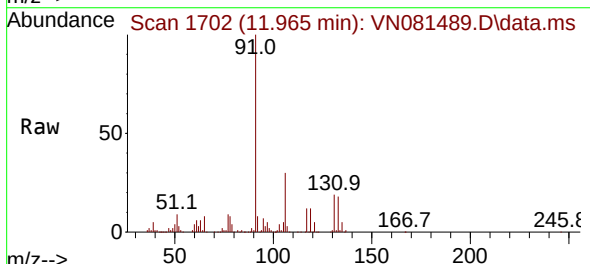
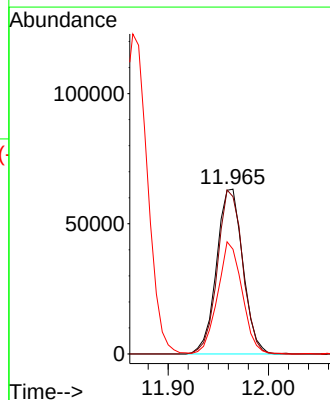
Manual Integrations
APPROVED

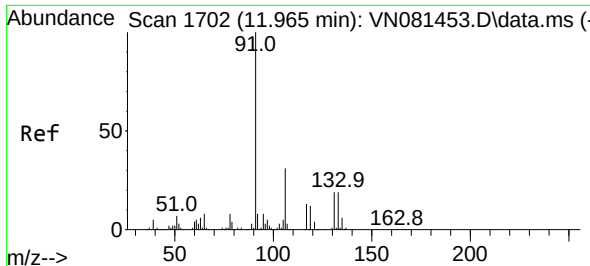
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.856 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Tgt Ion:131 Resp: 115428
Ion Ratio Lower Upper
131 100
133 95.5 46.8 140.3
119 63.4 34.6 103.9





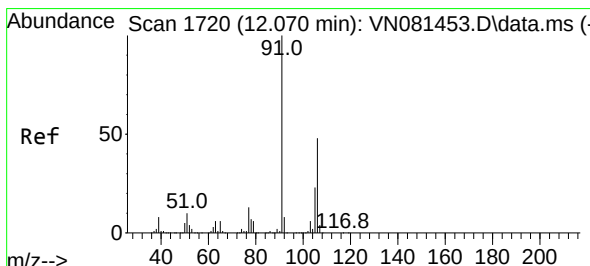
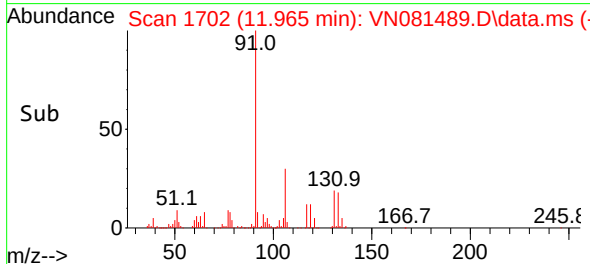
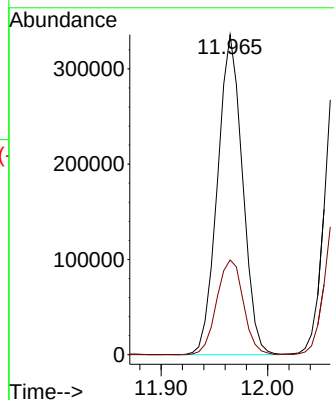
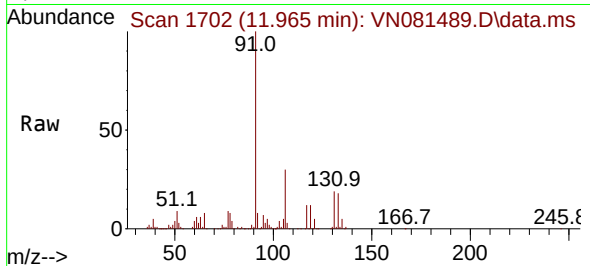
#67
Ethyl Benzene
Concen: 19.091 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01

Tgt Ion: 91 Resp: 547730
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.6

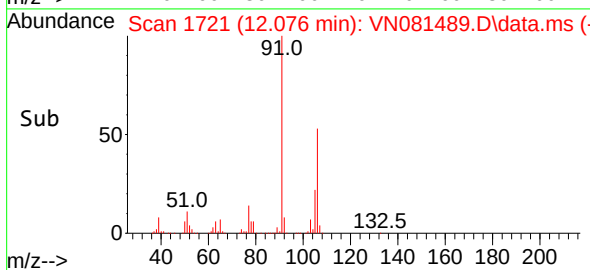
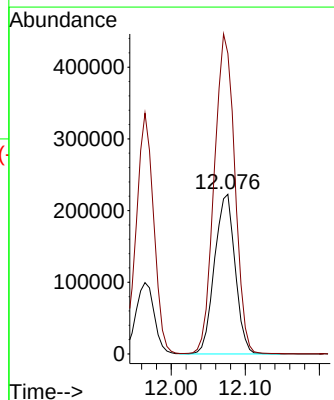
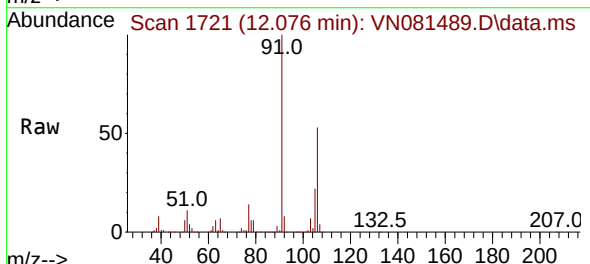
Manual Integrations
APPROVED

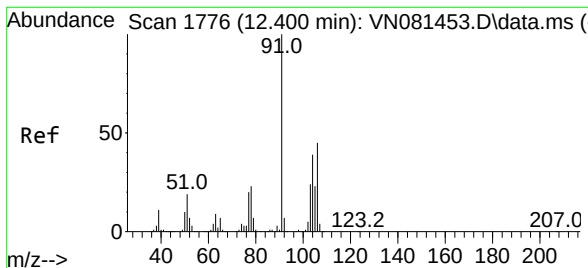
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#68
m/p-Xylenes
Concen: 39.984 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

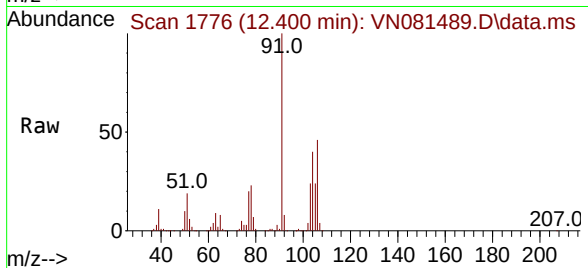
Tgt Ion:106 Resp: 430053
Ion Ratio Lower Upper
106 100
91 200.3 169.0 253.6





#69
o-Xylene
Concen: 19.070 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

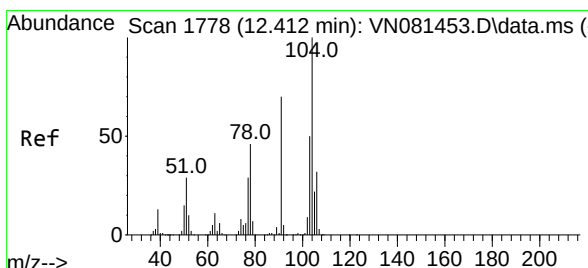
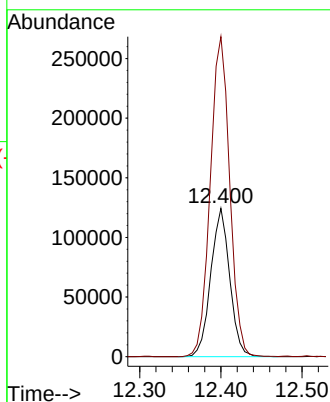
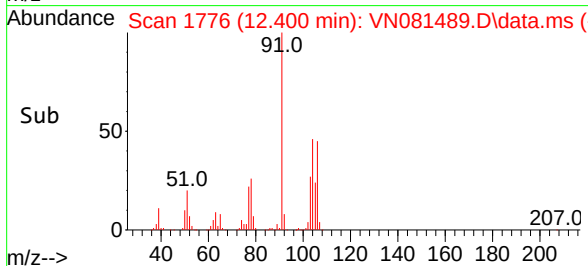
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion:106 Resp: 20136
Ion Ratio Lower Upper
106 100
91 221.8 112.1 336.3

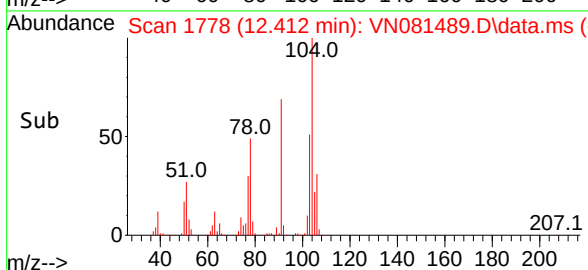
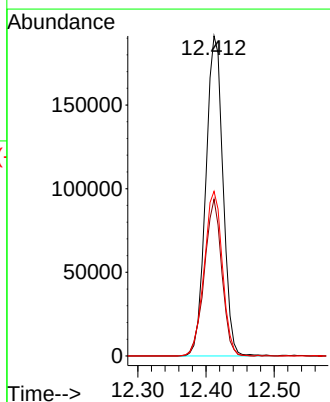
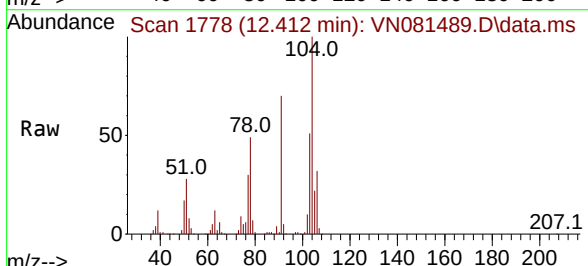
Manual Integrations
APPROVED

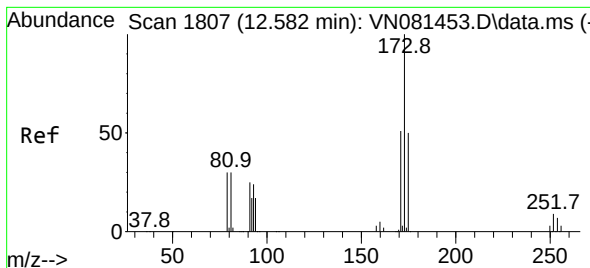
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#70
Styrene
Concen: 19.696 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Tgt Ion:104 Resp: 335423
Ion Ratio Lower Upper
104 100
78 49.6 43.8 65.8
103 54.4 44.2 66.2





#71

Bromoform

Concen: 18.197 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081489.D

Acq: 20 Mar 2024 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0320MBS01

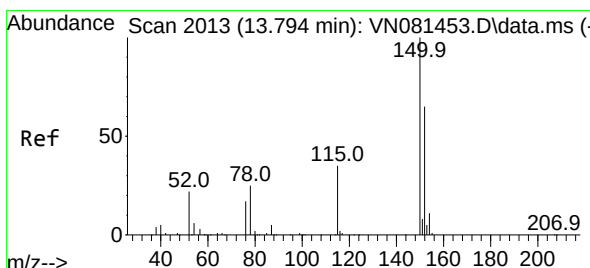
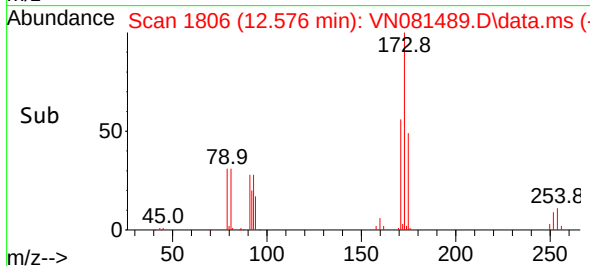
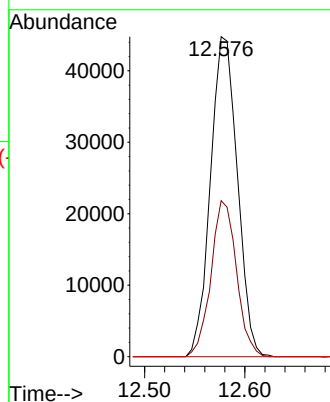
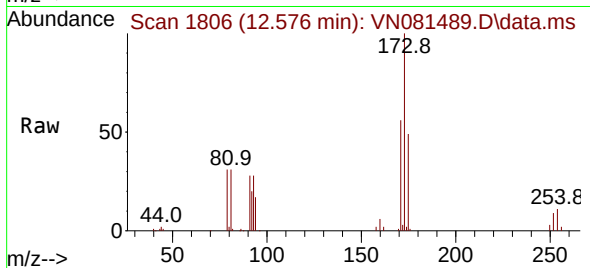
Tgt Ion:173 Resp: 83705
 Ion Ratio Lower Upper
 173 100
 175 46.2 23.1 69.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

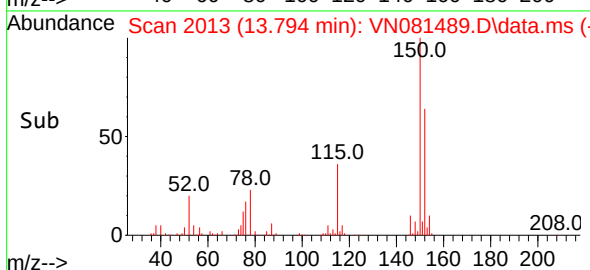
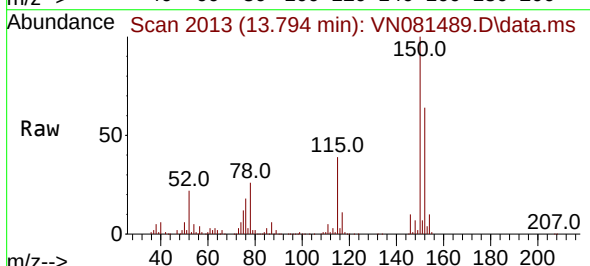
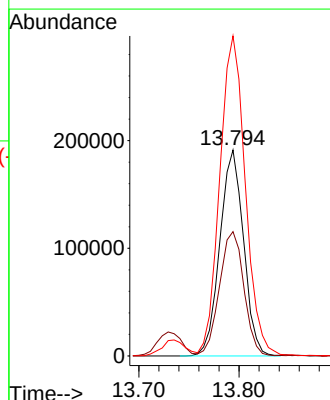
RT: 13.794 min Scan# 2013

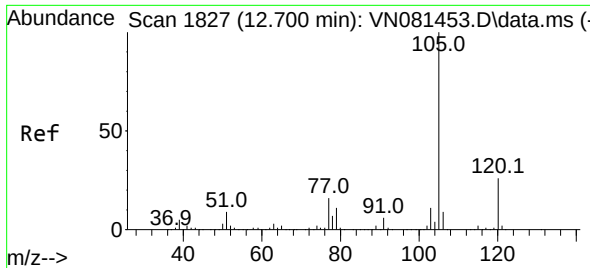
Delta R.T. 0.000 min

Lab File: VN081489.D

Acq: 20 Mar 2024 13:14

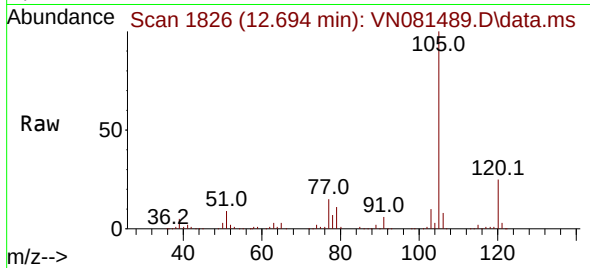
Tgt Ion:152 Resp: 313643
 Ion Ratio Lower Upper
 152 100
 115 61.9 32.3 96.8
 150 167.6 0.0 339.8





#73
Isopropylbenzene
Concen: 20.344 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

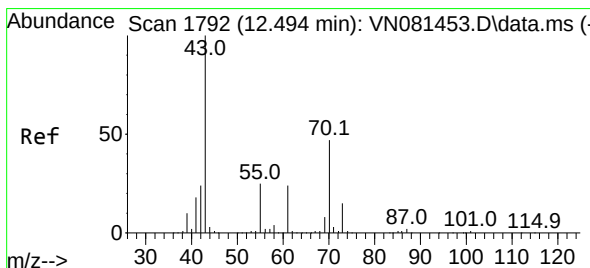
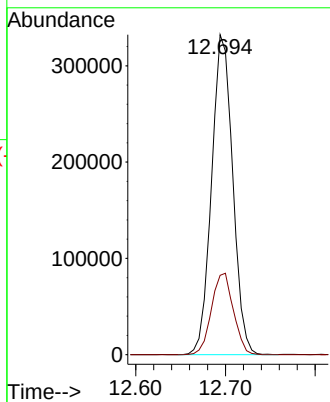
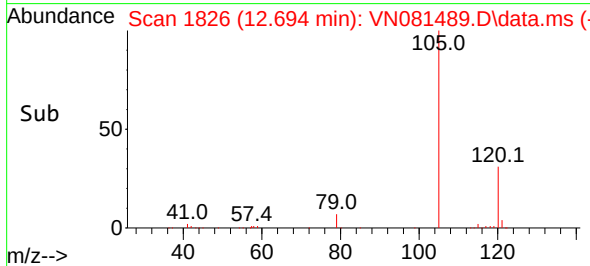
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion:105 Resp: 543890
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.6

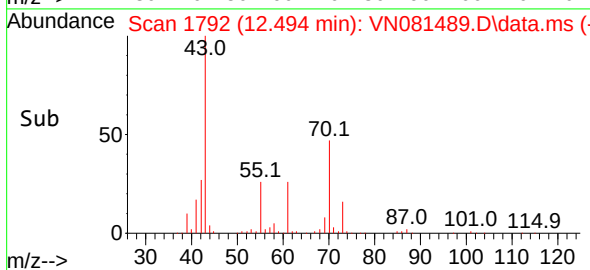
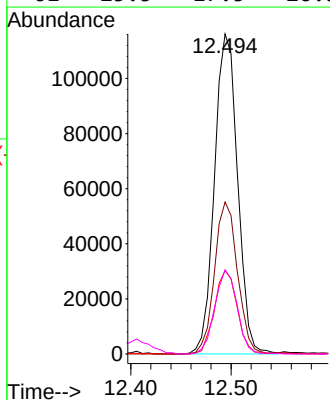
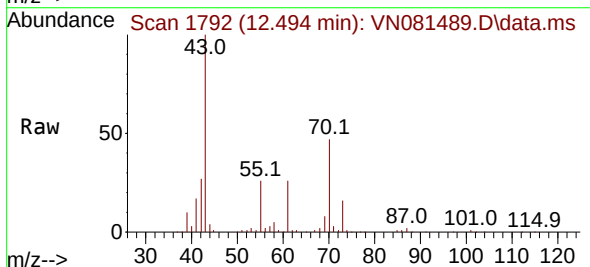
Manual Integrations
APPROVED

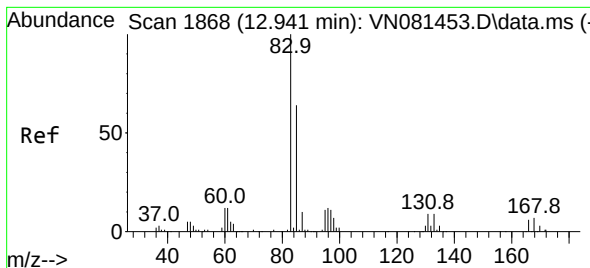
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#74
N-ethyl acetate
Concen: 19.195 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

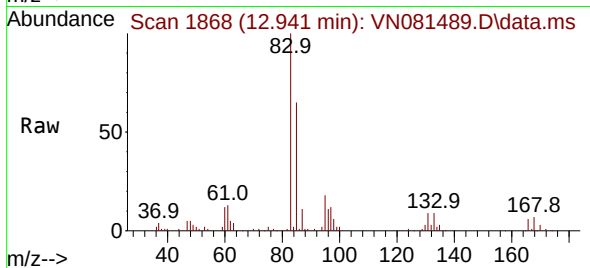
Tgt Ion: 43 Resp: 185714
Ion Ratio Lower Upper
43 100
70 47.3 30.1 45.1#
55 25.6 17.0 25.4#
61 25.5 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 18.047 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

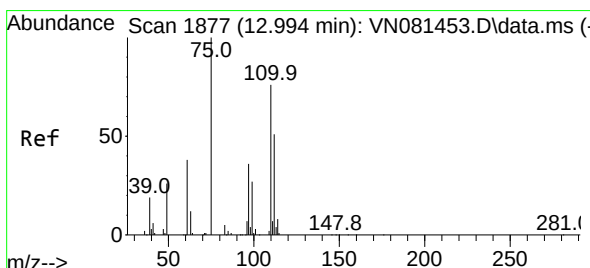
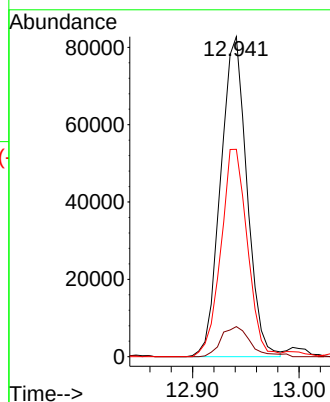
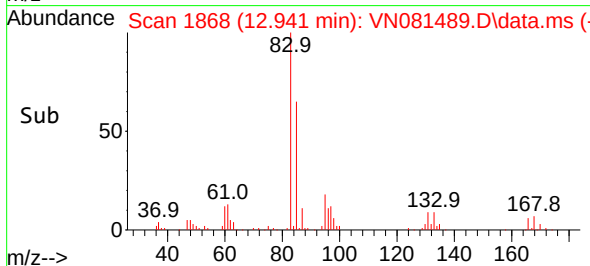
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



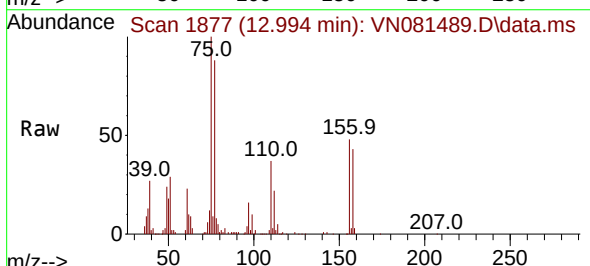
Tgt Ion: 83 Resp: 141859
Ion Ratio Lower Upper
83 100
131 10.5 4.1 12.3
85 65.4 32.1 96.3

Manual Integrations
APPROVED

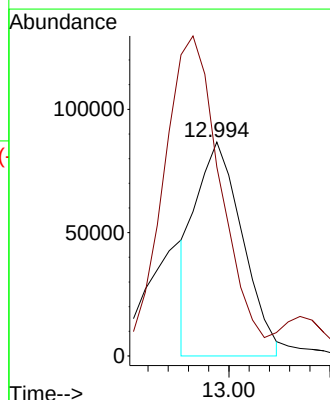
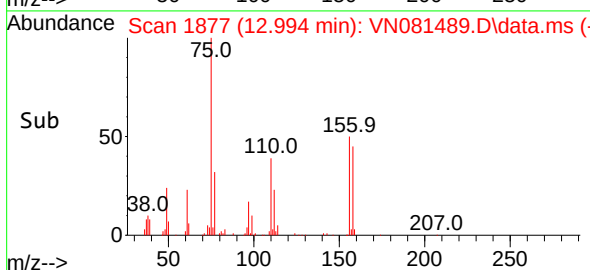
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

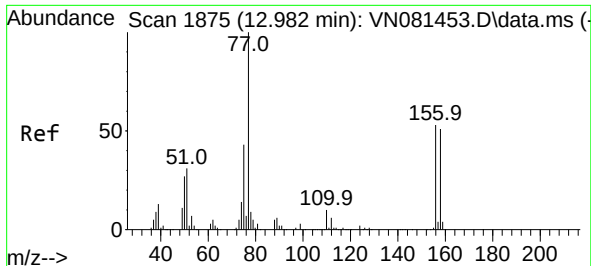


#76
1,2,3-Trichloropropane
Concen: 18.646 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14



Tgt Ion: 75 Resp: 139892
Ion Ratio Lower Upper
75 100
77 184.3 91.0 272.8





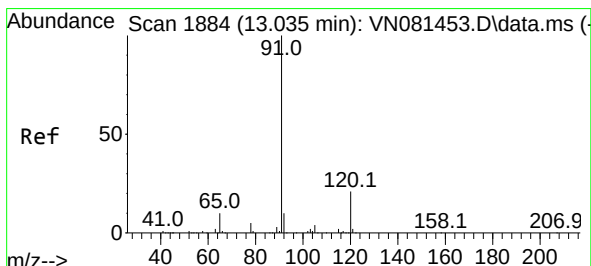
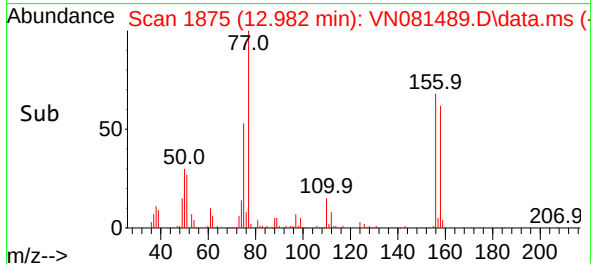
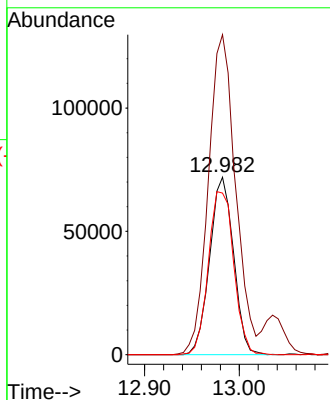
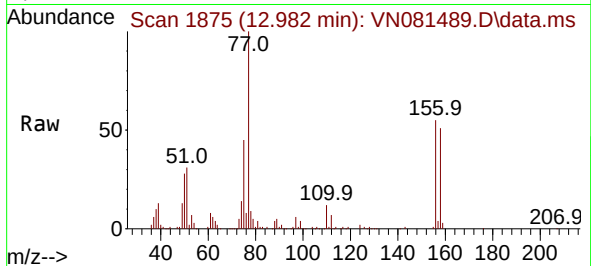
#77
Bromobenzene
Concen: 19.052 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01

Tgt Ion:156 Resp: 12582
Ion Ratio Lower Upper
156 100
77 204.9 138.1 414.3
158 98.1 46.5 139.5

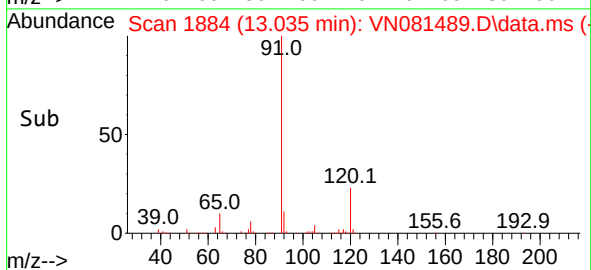
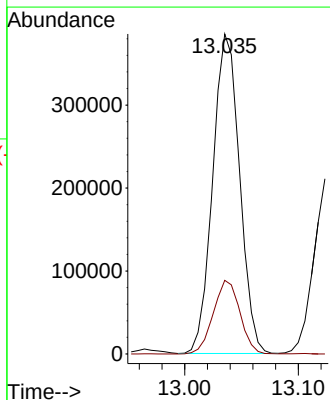
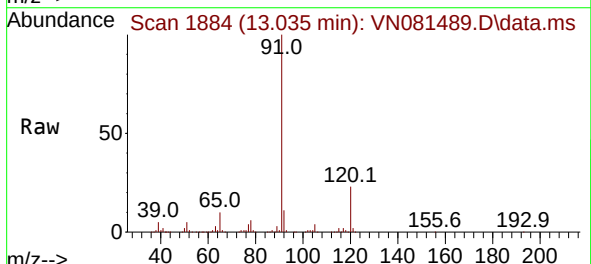
Manual Integrations
APPROVED

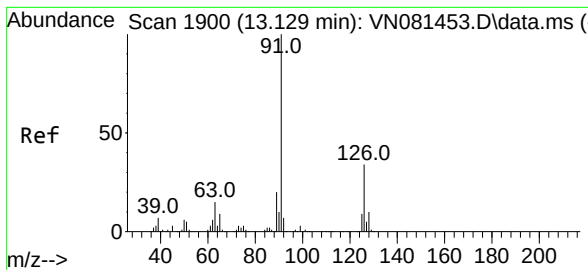
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#78
n-propylbenzene
Concen: 20.040 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Tgt Ion: 91 Resp: 632722
Ion Ratio Lower Upper
91 100
120 22.9 10.3 30.9





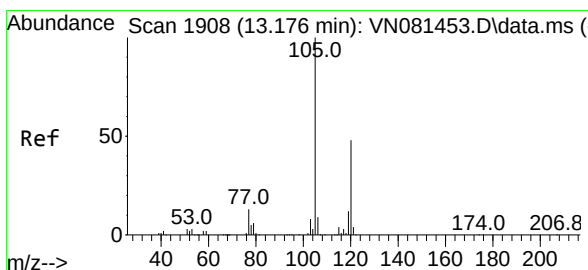
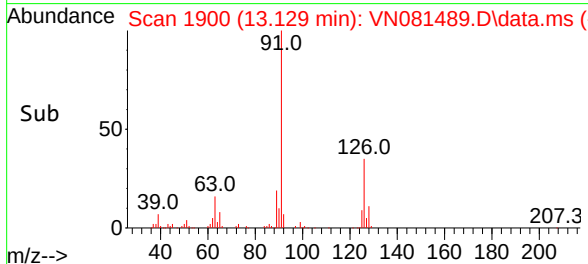
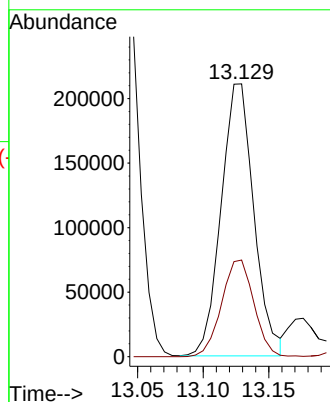
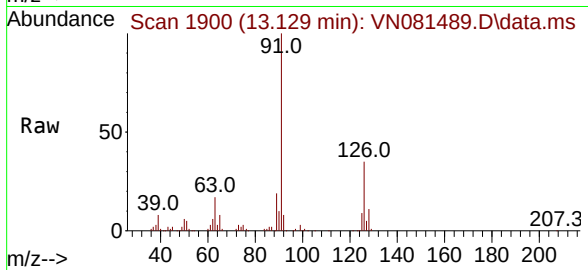
#79
 2-Chlorotoluene
 Concen: 19.411 ug/l
 RT: 13.129 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320MBS01

Tgt Ion: 91 Resp: 366810
 Ion Ratio Lower Upper
 91 100
 126 35.1 14.8 44.4

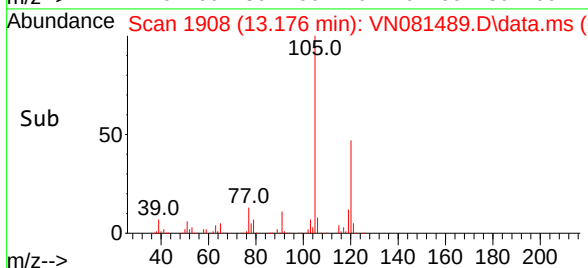
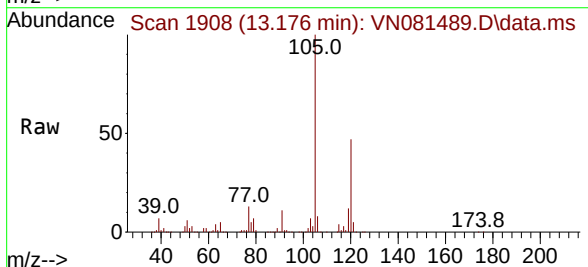
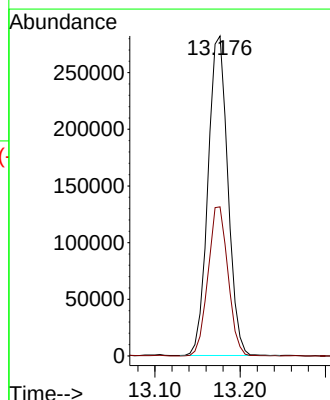
Manual Integrations
 APPROVED

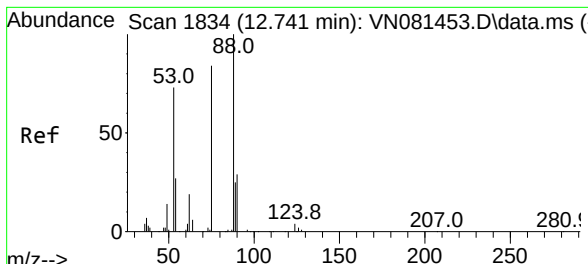
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024



#80
 1,3,5-Trimethylbenzene
 Concen: 20.615 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14

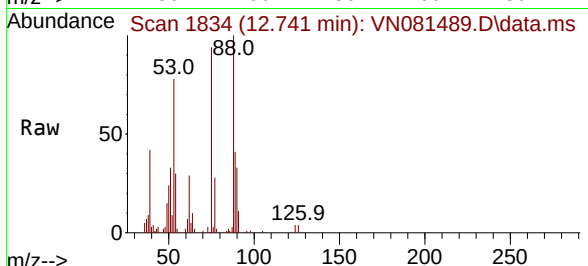
Tgt Ion:105 Resp: 455216
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 21.406 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

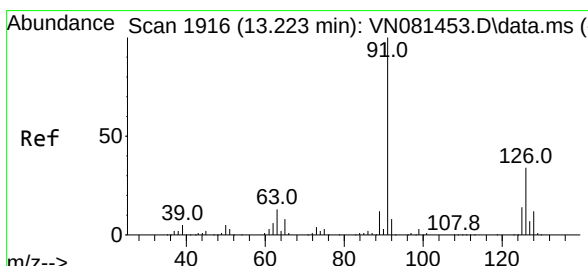
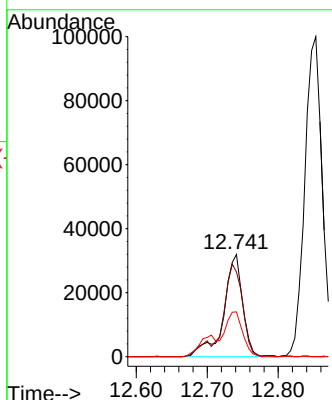
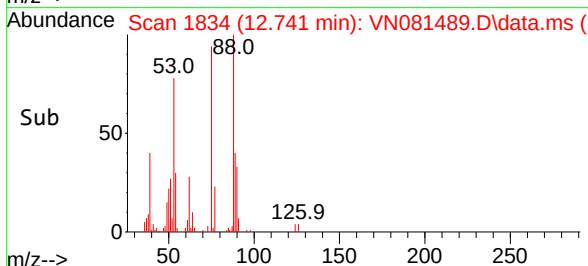
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion: 75 Resp: 59429
Ion Ratio Lower Upper
75 100
53 85.2 71.4 107.2
89 41.9 33.4 50.0

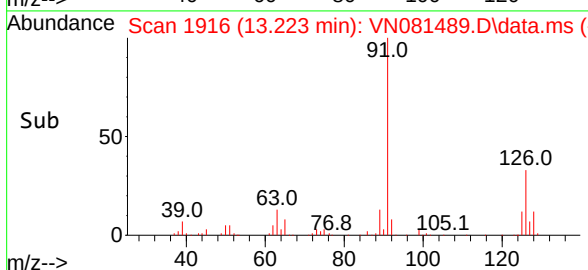
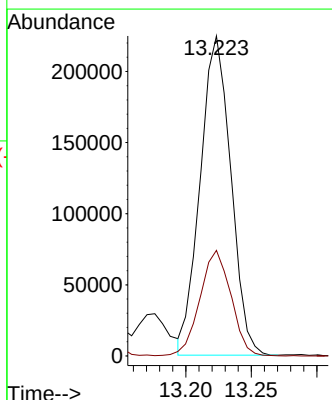
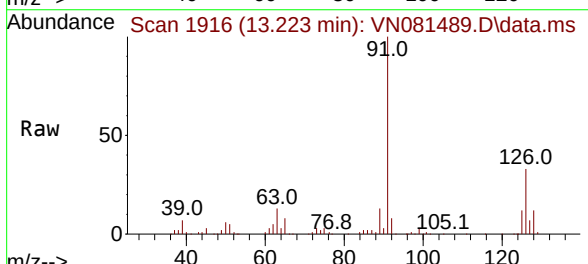
Manual Integrations
APPROVED

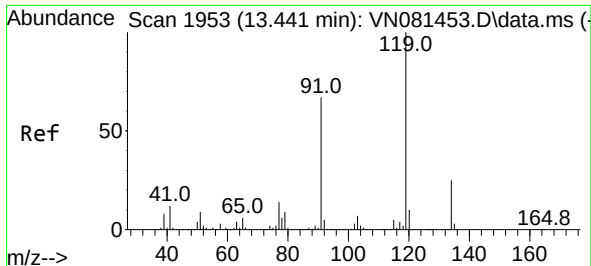
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#82
4-Chlorotoluene
Concen: 19.597 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

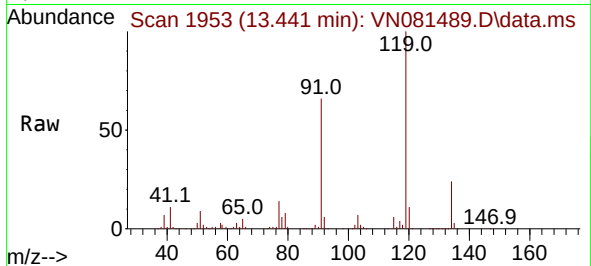
Tgt Ion: 91 Resp: 365111
Ion Ratio Lower Upper
91 100
126 33.5 15.3 45.9





#83
 tert-Butylbenzene
 Concen: 20.238 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14

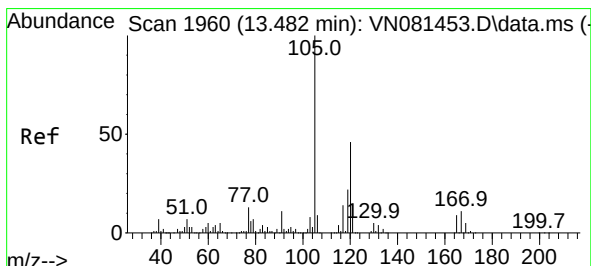
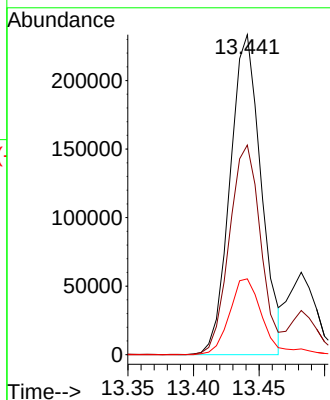
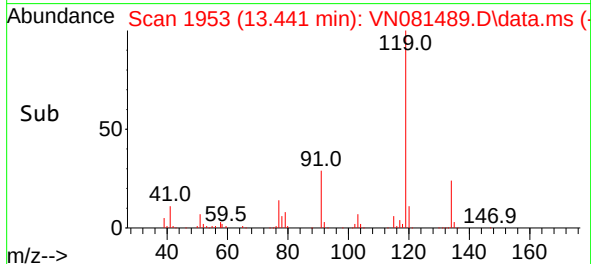
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320MBS01



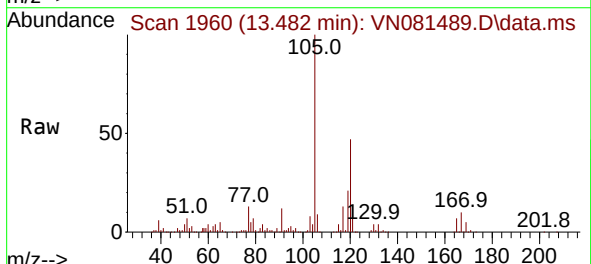
Tgt Ion:119 Resp: 38537
 Ion Ratio Lower Upper
 119 100
 91 66.0 36.8 110.4
 134 25.5 12.4 37.4

Manual Integrations
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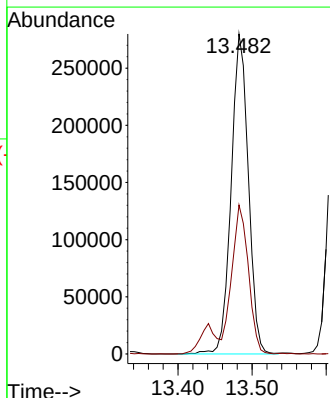
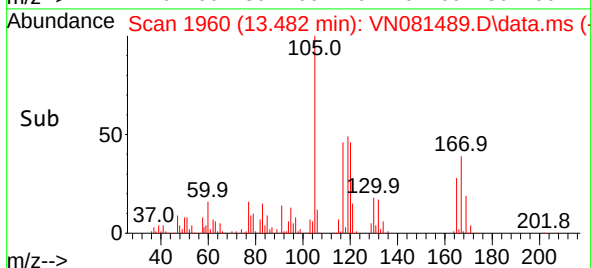
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024

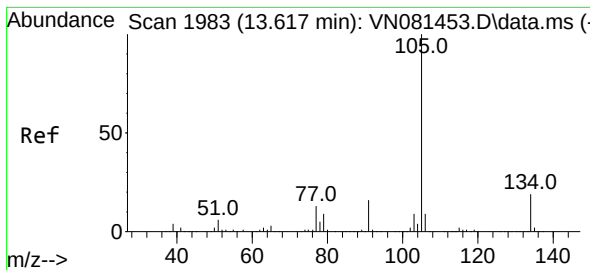


#84
 1,2,4-Trimethylbenzene
 Concen: 20.277 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14



Tgt Ion:105 Resp: 450017
 Ion Ratio Lower Upper
 105 100
 120 44.6 20.9 62.7





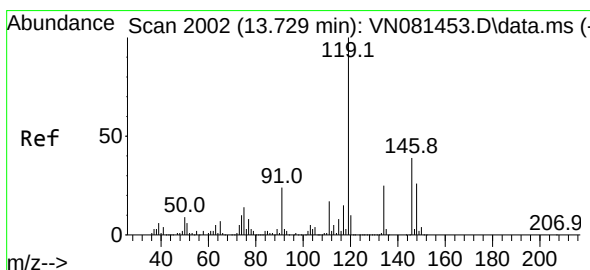
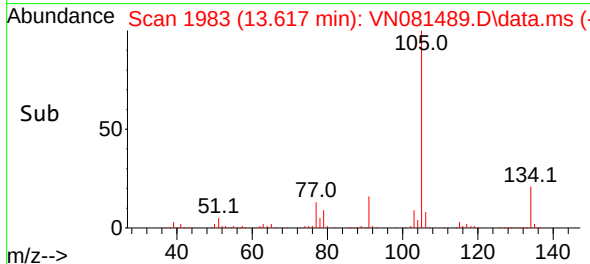
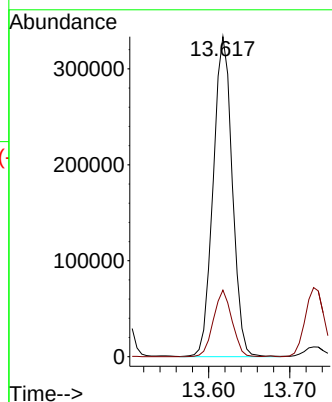
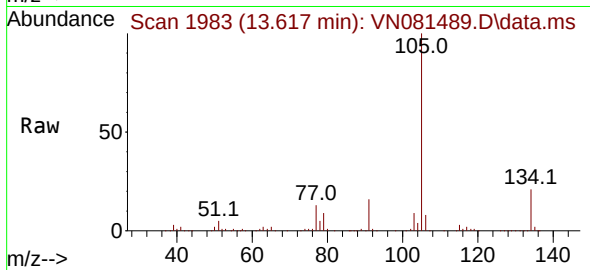
#85
 sec-Butylbenzene
 Concen: 20.044 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320MBS01

Tgt Ion:105 Resp: 545630
 Ion Ratio Lower Upper
 105 100
 134 20.2 8.6 25.8

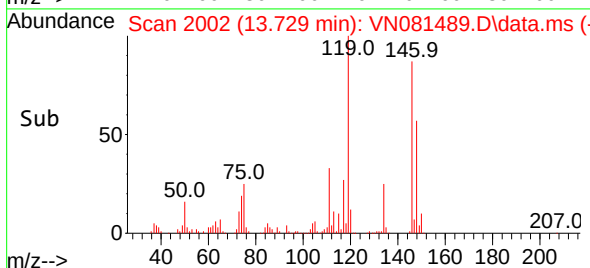
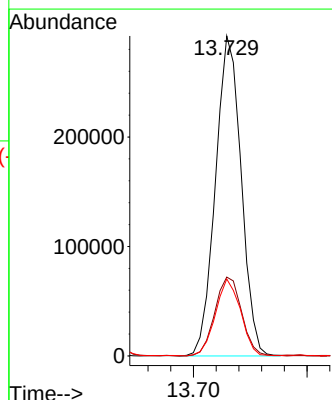
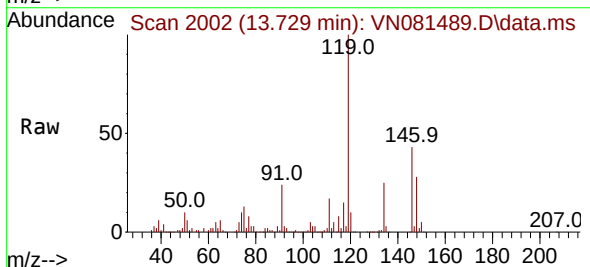
Manual Integrations
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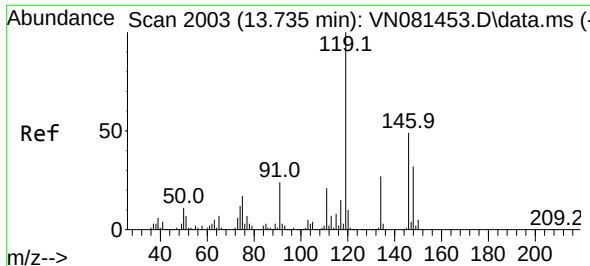
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024



#86
 p-Isopropyltoluene
 Concen: 20.677 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14

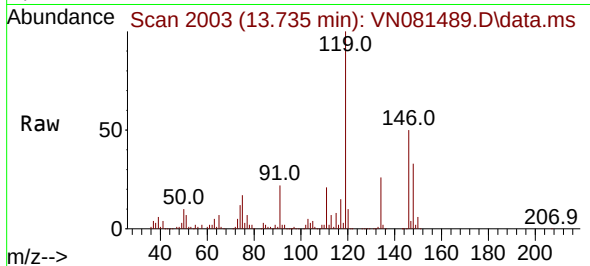
Tgt Ion:119 Resp: 460093
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.4 37.2
 91 23.5 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 19.275 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14

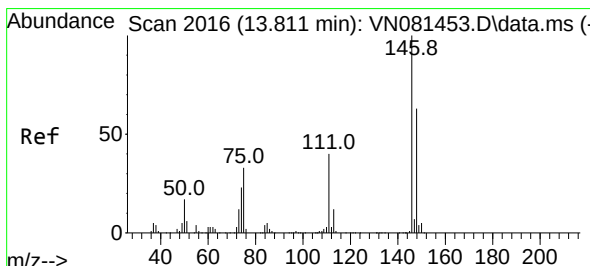
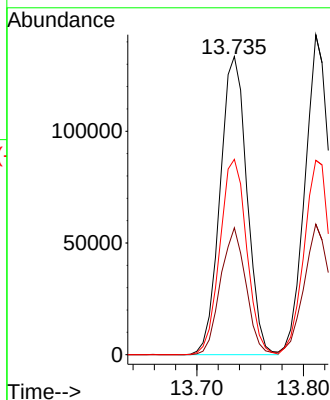
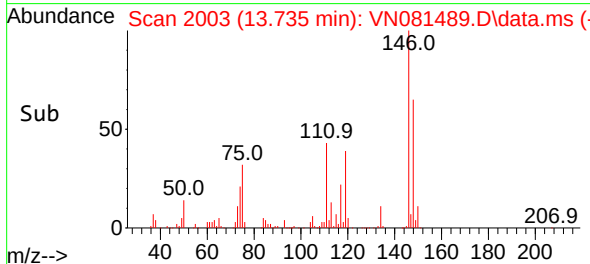
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320MBS01



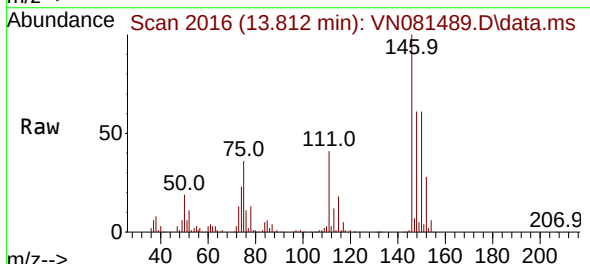
Tgt Ion:146 Resp: 23388
 Ion Ratio Lower Upper
 146 100
 111 40.1 23.9 71.7
 148 65.4 32.6 97.7

Manual Integrations
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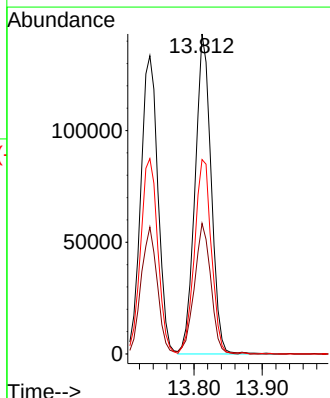
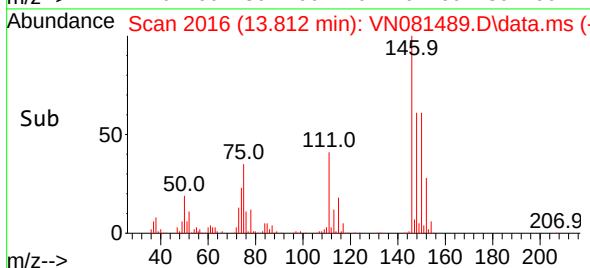
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024

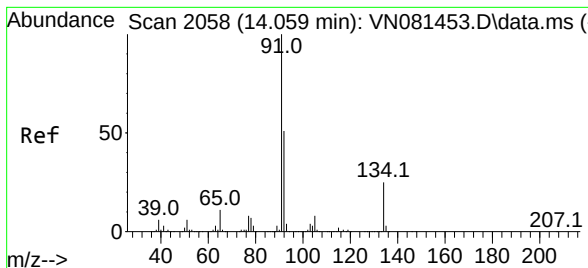


#88
 1,4-Dichlorobenzene
 Concen: 18.684 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14



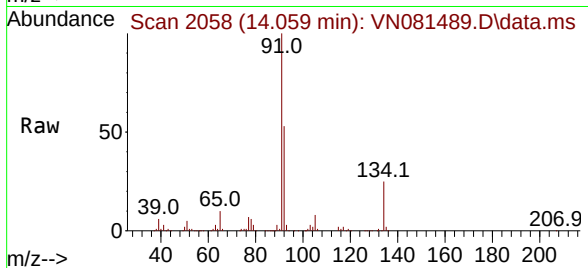
Tgt Ion:146 Resp: 234757
 Ion Ratio Lower Upper
 146 100
 111 41.6 22.6 67.7
 148 63.9 31.9 95.5





#89
n-Butylbenzene
Concen: 19.378 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

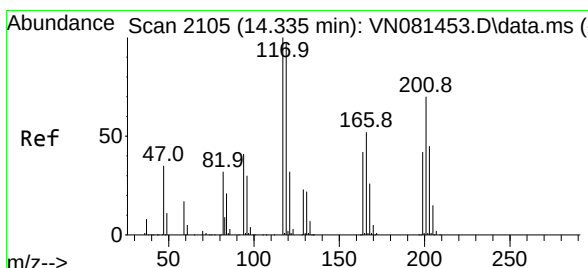
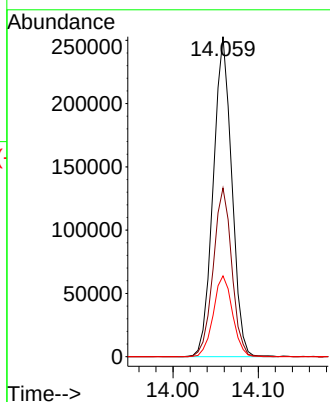
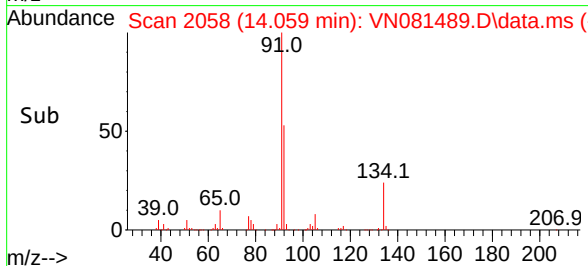
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion: 91 Resp: 382348
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.1
134 26.1 10.8 32.4

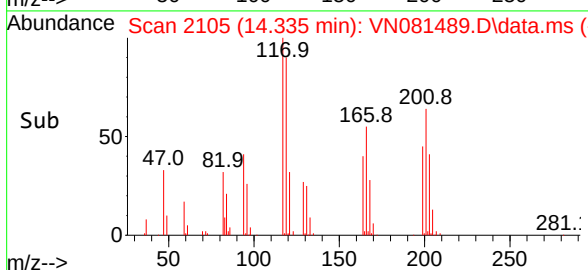
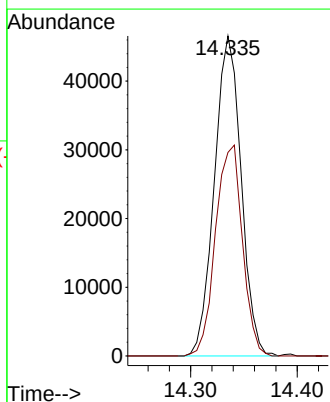
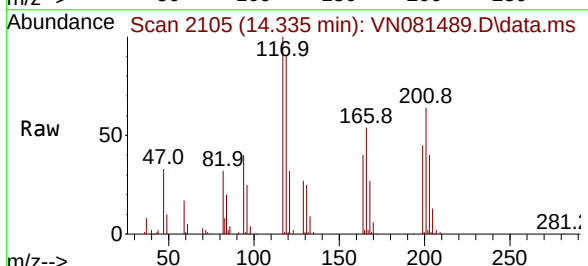
Manual Integrations
APPROVED

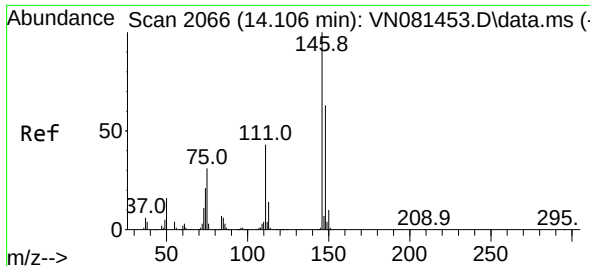
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#90
Hexachloroethane
Concen: 19.295 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

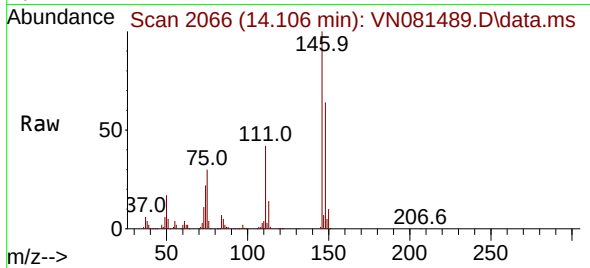
Tgt Ion:117 Resp: 81314
Ion Ratio Lower Upper
117 100
201 66.2 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 19.071 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

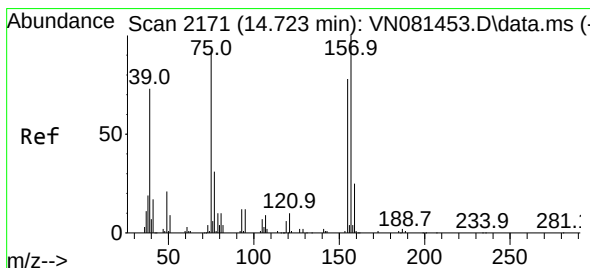
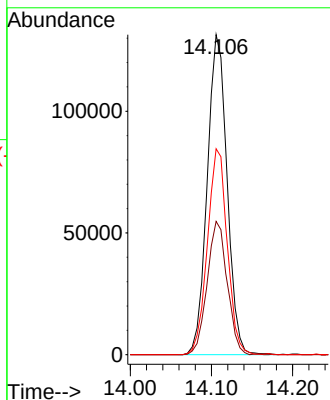
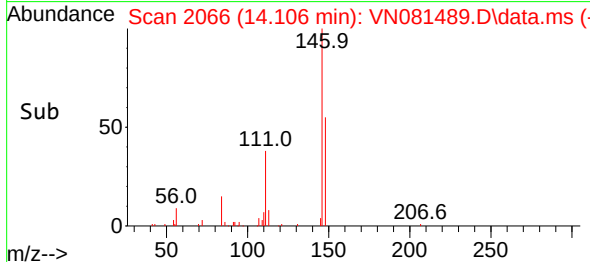
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion:146 Resp: 22273
Ion Ratio Lower Upper
146 100
111 42.1 23.9 71.8
148 64.5 31.4 94.0

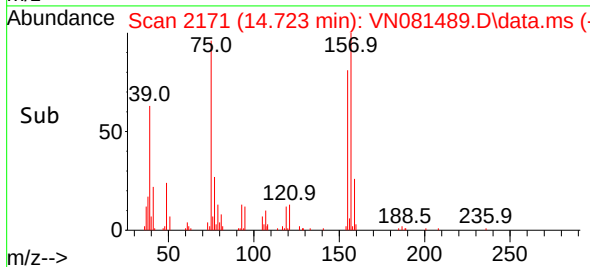
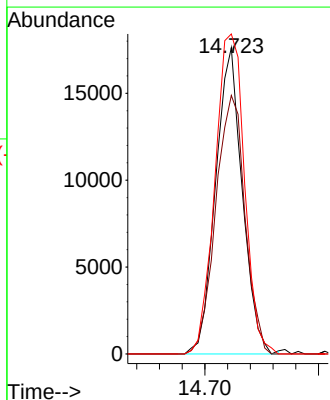
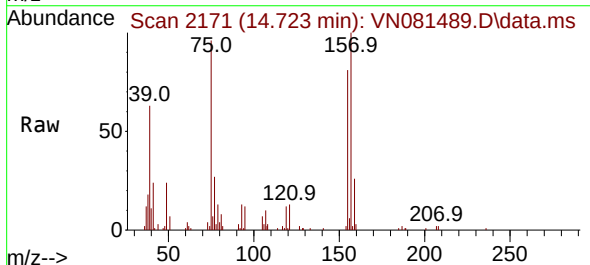
Manual Integrations
APPROVED

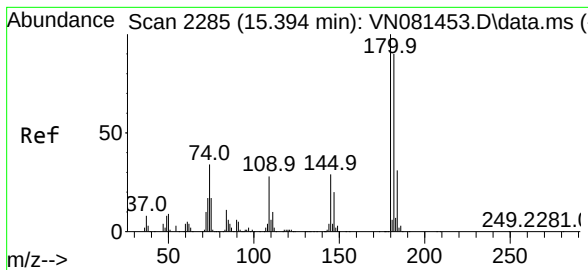
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.208 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

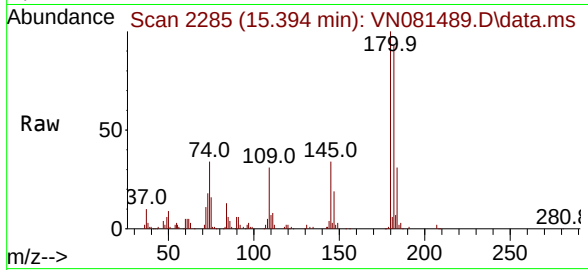
Tgt Ion: 75 Resp: 28786
Ion Ratio Lower Upper
75 100
155 92.4 31.8 95.4
157 115.4 41.1 123.4





#93
 1,2,4-Trichlorobenzene
 Concen: 18.402 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14

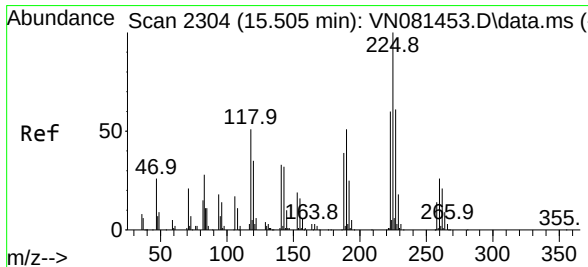
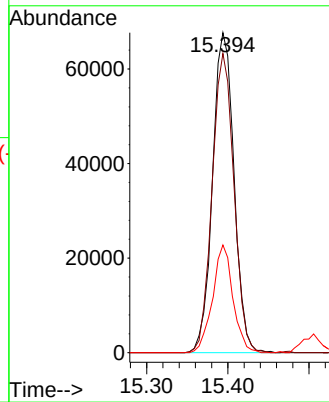
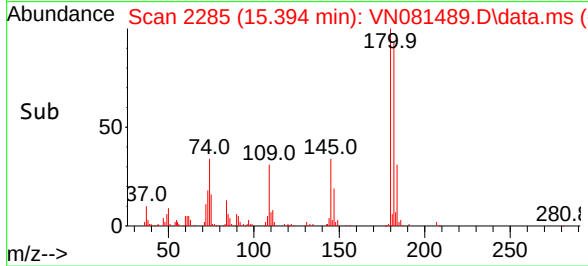
Instrument :
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 ClientSampleId :
 VN0320MBS01



Tgt Ion:180 Resp: 12426
 Ion Ratio Lower Upper
 180 100
 182 94.9 46.6 139.7
 145 32.0 16.8 50.3

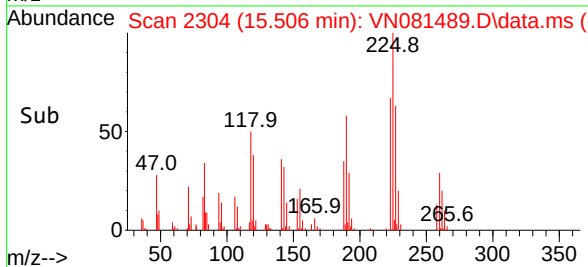
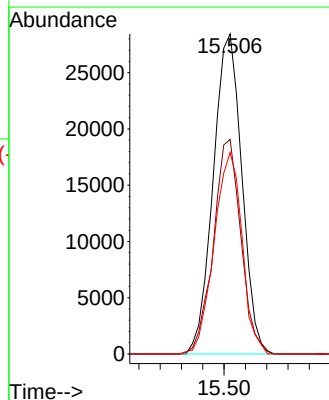
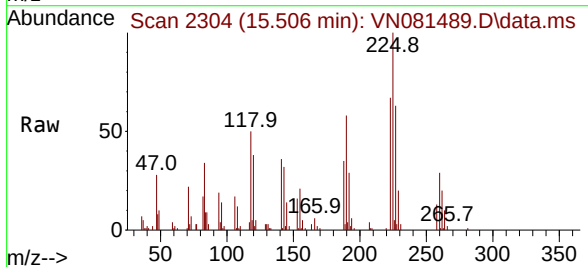
Manual Integrations
 APPROVED

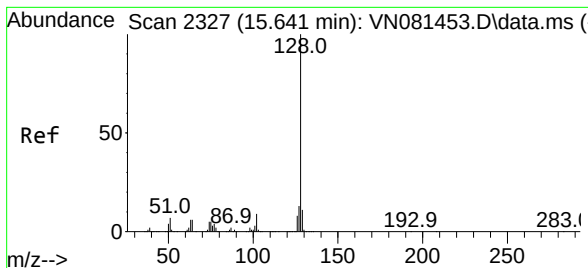
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024



#94
 Hexachlorobutadiene
 Concen: 17.878 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN081489.D
 Acq: 20 Mar 2024 13:14

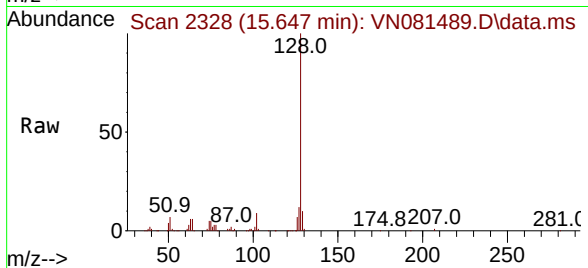
Tgt Ion:225 Resp: 52970
 Ion Ratio Lower Upper
 225 100
 223 64.6 33.3 99.8
 227 61.4 33.1 99.2





#95
Naphthalene
Concen: 18.473 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

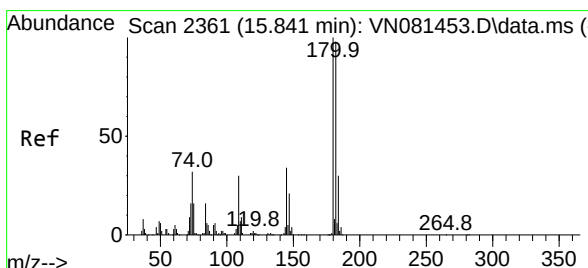
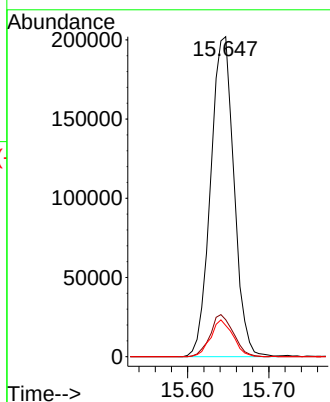
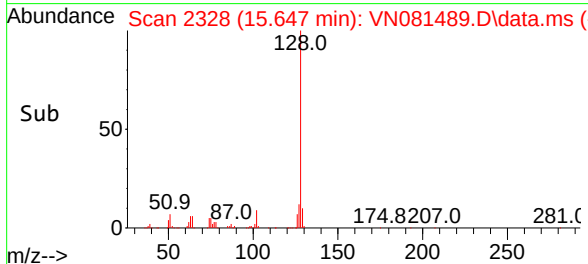
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBS01



Tgt Ion:128 Resp: 404210
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.110 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081489.D
Acq: 20 Mar 2024 13:14

Tgt Ion:180 Resp: 123012
Ion Ratio Lower Upper
180 100
182 96.1 46.5 139.3
145 33.3 17.8 53.4

