

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041724\
 Data File : VN081769.D
 Acq On : 17 Apr 2024 12:40
 Operator : JC\MD
 Sample : VN0417WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2024
 Supervised By : Mahesh Dadoda 04/18/2024

Quant Time: Apr 18 01:10:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	16561	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	101766	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	130298	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	59420	29.206	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.367%		
60) 4-Bromofluorobenzene	12.853	95	83084	32.433	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	108.100%		
63) Toluene-d8	10.571	98	165139	31.596	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	105.333%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	38266	16.536	ug/l	100
3) Chloromethane	2.359	50	56783	28.283	ug/l	92
4) Vinyl Chloride	2.512	62	58984	28.571	ug/l	93
5) Bromomethane	2.959	94	39080	22.352	ug/l	96
6) Chloroethane	3.124	64	42289	26.172	ug/l	97
7) Trichlorofluoromethane	3.495	101	70325	20.749	ug/l	95
8) Diethyl Ether	3.959	74	21806	17.250	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	41544	17.866	ug/l	70
10) 1,1-Dichloroethene	4.342	96	37731	17.692	ug/l	96
11) Methyl Iodide	4.589	142	32794	13.579	ug/l	86
12) Methyl Acetate	5.018	43	44150m	22.546	ug/l	
13) Acrolein	4.177	56	27308	105.884	ug/l	100
14) Acrylonitrile	5.718	53	99998	102.587	ug/l	98
15) Acetone	4.436	58	21291	99.310	ug/l	95
16) Carbon Disulfide	4.712	76	105395	17.380	ug/l	97
17) Allyl chloride	5.024	41	48478	18.791	ug/l	92
18) Methylene Chloride	5.277	84	48523	19.760	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	41227	17.629	ug/l	90
20) Diisopropyl ether	6.671	45	126557	20.605	ug/l #	90
21) 1,1-Dichloroethane	6.571	63	81934	20.008	ug/l	94
22) cis-1,2-Dichloroethene	7.494	96	52878	18.724	ug/l	97
23) tert-Butyl Alcohol	5.518	59	36415	105.236	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	128467	19.261	ug/l #	92
25) Chloroform	7.965	83	91035	19.538	ug/l	97
26) Cyclohexane	8.259	56	58206	17.730	ug/l #	83
29) 1,1-Dichloropropene	8.371	75	58026	21.688	ug/l	98
30) 2-Butanone	7.483	43	130671	127.886	ug/l	98
31) 2,2-Dichloropropane	7.494	77	73885	22.171	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	81315	22.052	ug/l	99
33) Carbon Tetrachloride	8.359	117	68965	20.634	ug/l	99
34) Benzene	8.606	78	189204	21.953	ug/l	98
35) Methacrylonitrile	7.777	41	28846	24.924	ug/l	95
36) 1,2-Dichloroethane	8.665	62	69145	24.460	ug/l	100
37) Trichloroethene	9.353	130	46224	20.268	ug/l	90
38) Methylcyclohexane	9.600	83	62967	19.255	ug/l	97
39) 1,2-Dichloropropane	9.618	63	46752	23.252	ug/l	96
40) Dibromomethane	9.712	93	36002	22.478	ug/l	95
41) Bromodichloromethane	9.888	83	74683	22.866	ug/l	95
42) Vinyl Acetate	6.600	43	502392	118.029	ug/l	99

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Quant Time: Apr 18 01:10:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	59161	26.272	ug/l	99
44) Isopropyl Acetate	8.688	43	95702	25.364	ug/l	92
45) 1,4-Dioxane	9.700	88	20030	480.892	ug/l	97
46) Methyl methacrylate	9.682	41	41877	24.680	ug/l	87
47) n-amyl Acetate	12.494	43	80816	23.870	ug/l	96
48) t-1,3-Dichloropropene	10.835	75	71319	22.920	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	75703	22.592	ug/l	91
50) 1,1,2-Trichloroethane	11.018	97	48391	22.564	ug/l	96
51) Ethyl methacrylate	10.876	69	64784	21.695	ug/l	92
52) 1,3-Dichloropropane	11.165	76	81232	23.109	ug/l	100
53) Dibromochloromethane	11.359	129	57105	22.291	ug/l	98
54) 1,2-Dibromoethane	11.471	107	46990	21.197	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	185760	126.678	ug/l	99
56) Bromoform	12.582	173	36847	22.494	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	299127	133.495	ug/l	91
59) 2-Hexanone	11.200	43	229201	136.201	ug/l	88
61) Tetrachloroethene	11.100	164	51955	21.519	ug/l	87
62) Toluene	10.629	91	207177	21.855	ug/l	99
64) Chlorobenzene	11.894	112	131630	21.898	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	49500	22.670	ug/l	96
66) Ethyl Benzene	11.965	91	217264	21.557	ug/l	94
67) m/p-Xylenes	12.071	106	175485	43.956	ug/l	94
68) o-Xylene	12.400	106	81655	21.545	ug/l	95
69) Styrene	12.412	104	137789	21.348	ug/l	99
70) Isopropylbenzene	12.694	105	211986	21.681	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	67555	26.450	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	62732m	26.530	ug/l	
73) Bromobenzene	12.982	156	53680	22.157	ug/l	98
74) n-propylbenzene	13.035	91	253943	21.698	ug/l	99
75) 2-Chlorotoluene	13.123	91	156739	22.479	ug/l	95
76) 1,3,5-Trimethylbenzene	13.176	105	178618	21.523	ug/l	96
77) t-1,4-Dichloro-2-butene	12.741	75	23461	23.958	ug/l	99
78) 4-Chlorotoluene	13.223	91	160327	23.183	ug/l	98
79) tert-butylbenzene	13.441	119	151176	21.412	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	184295	22.268	ug/l	95
81) sec-Butylbenzene	13.617	105	222510	21.853	ug/l	100
82) p-Isopropyltoluene	13.735	119	183911	21.537	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	106485	23.518	ug/l	95
84) 1,4-Dichlorobenzene	13.812	146	102804	23.455	ug/l	97
85) n-Butylbenzene	14.059	91	153952	21.403	ug/l	98
86) Hexachloroethane	14.335	117	36214	22.198	ug/l	90
87) 1,2-Dichlorobenzene	14.106	146	104499	24.247	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	14824	26.624	ug/l	93
89) 1,2,4-Trichlorobenzene	15.847	180	53936	22.832	ug/l	98
90) Hexachlorobutadiene	15.506	225	21493	22.704	ug/l	99
91) Naphthalene	15.641	128	168740	22.218	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	53936	22.832	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

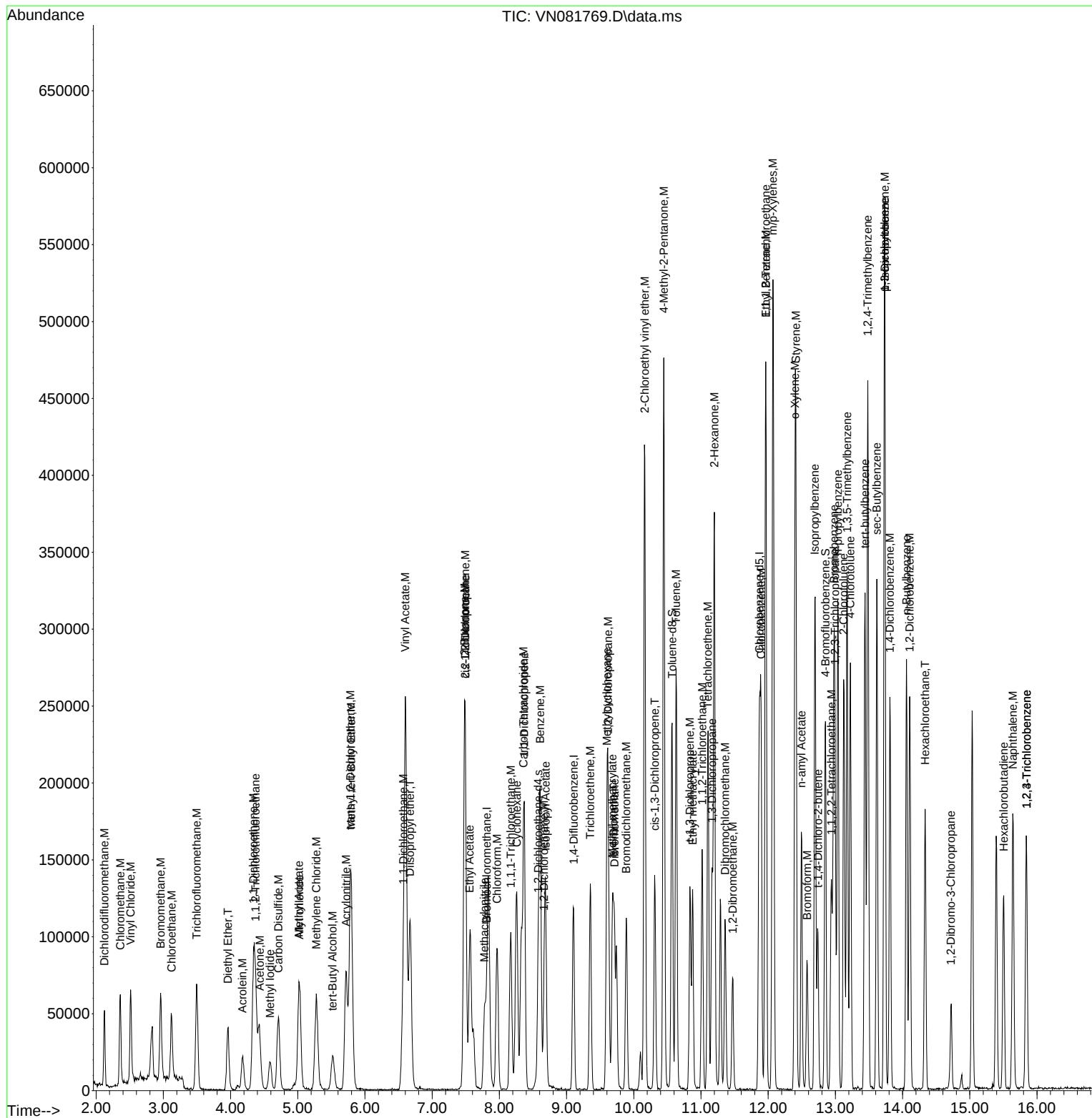
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041724\
Data File : VN081769.D
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Sample : VN0417WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

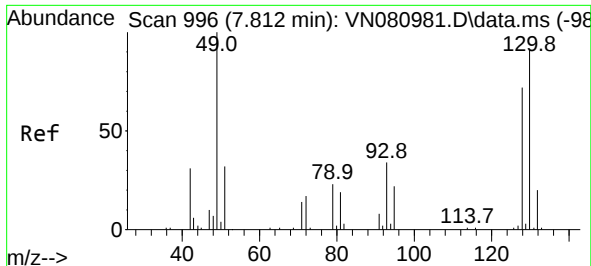
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

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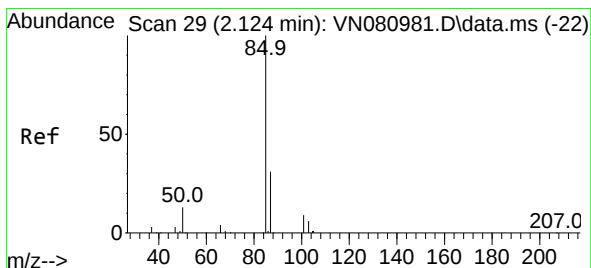
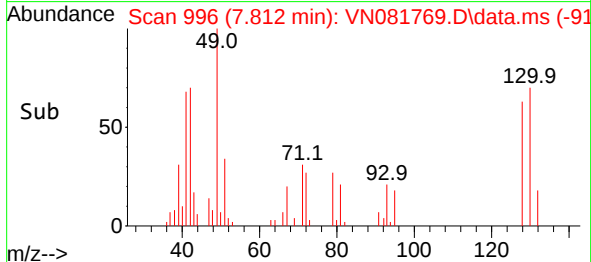
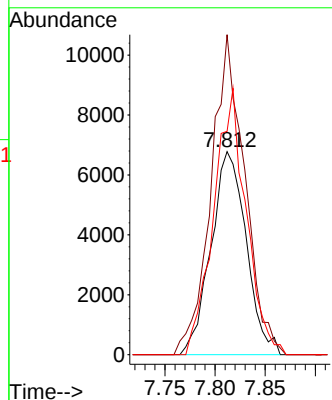
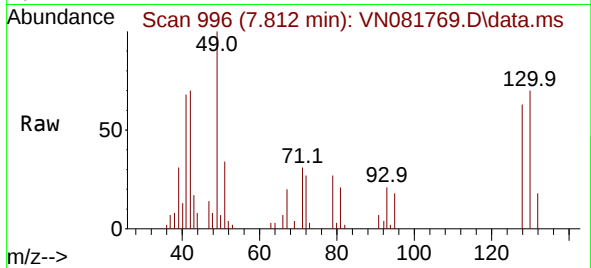
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion:128 Resp: 1656
Ion Ratio Lower Upper
128 100
49 150.7 0.0 403.7
130 120.9 0.0 323.3

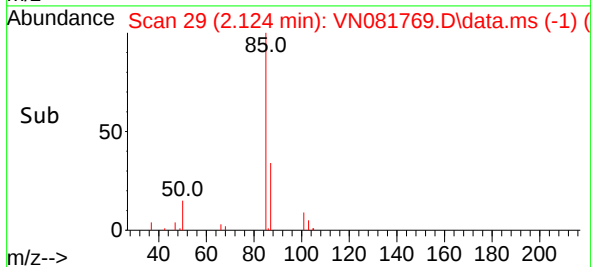
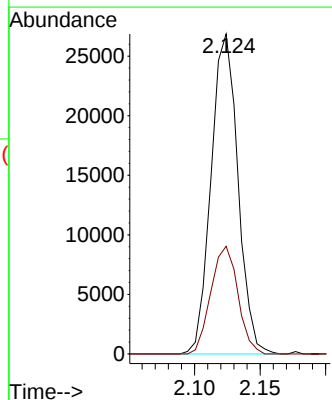
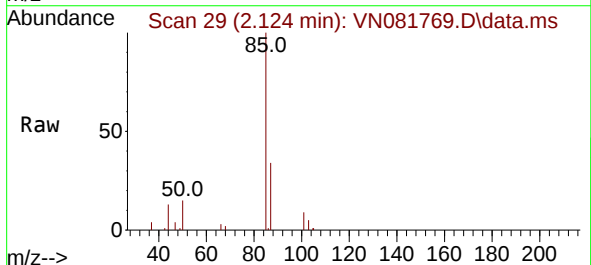
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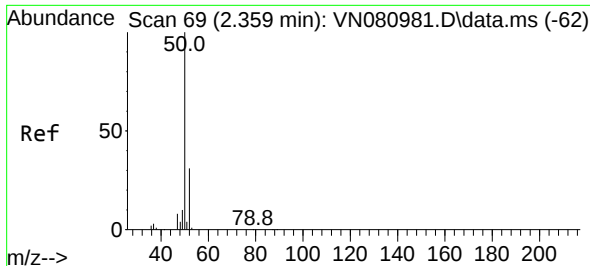
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#2
Dichlorodifluoromethane
Concen: 16.536 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 85 Resp: 38266
Ion Ratio Lower Upper
85 100
87 33.7 16.8 50.3





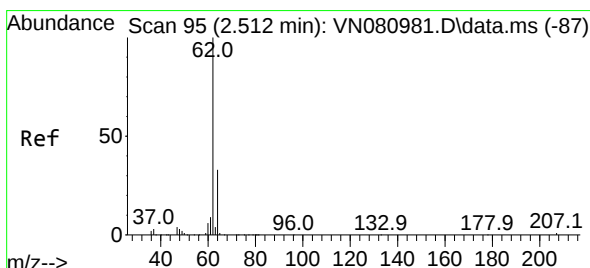
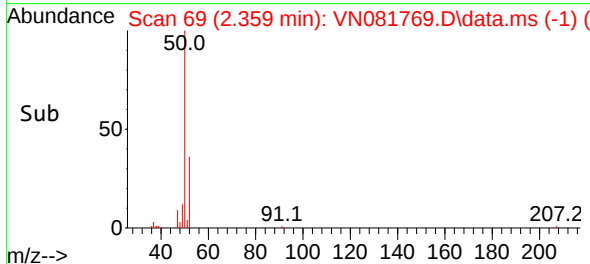
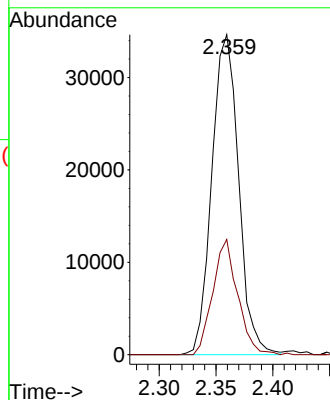
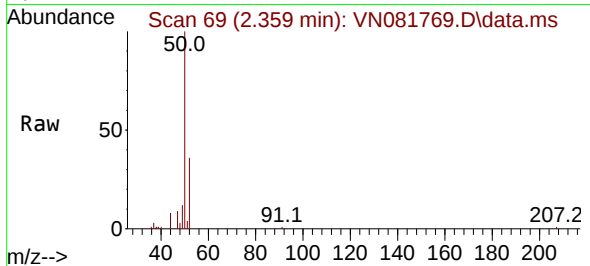
#3
Chloromethane
Concen: 28.283 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Instrument :
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Tgt Ion: 50 Resp: 5678
Ion Ratio Lower Upper
50 100
52 36.0 25.4 38.0

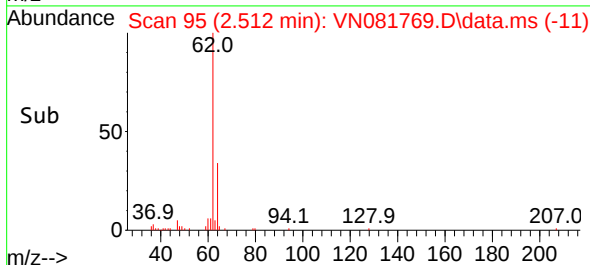
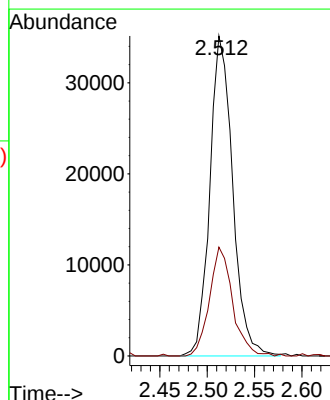
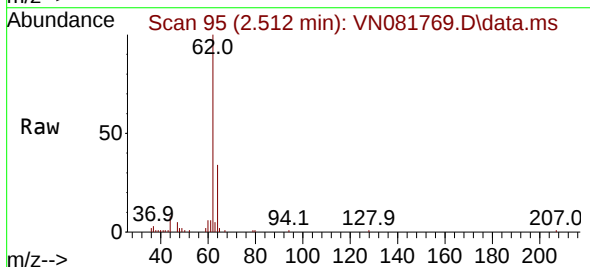
Manual Integrations
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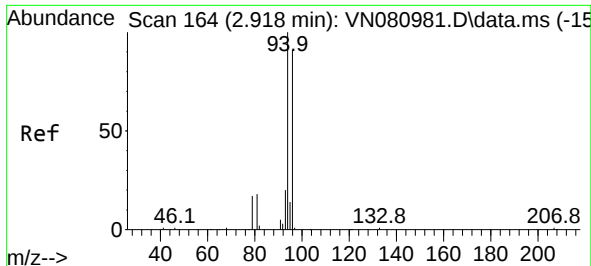
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#4
Vinyl Chloride
Concen: 28.571 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

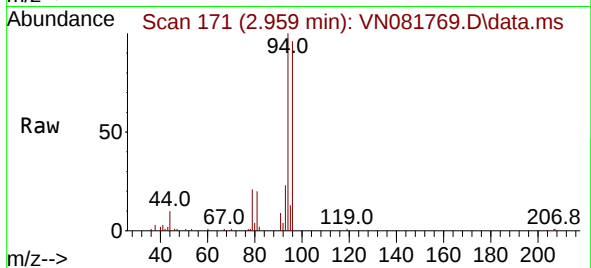
Tgt Ion: 62 Resp: 58984
Ion Ratio Lower Upper
62 100
64 34.0 24.1 36.1





#5
Bromomethane
Concen: 22.352 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

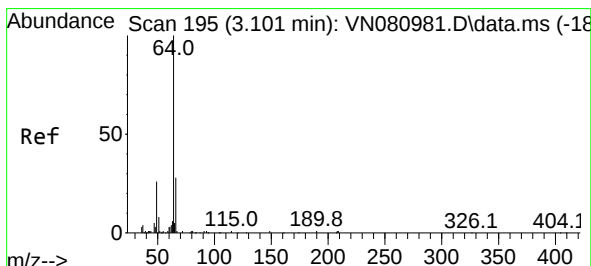
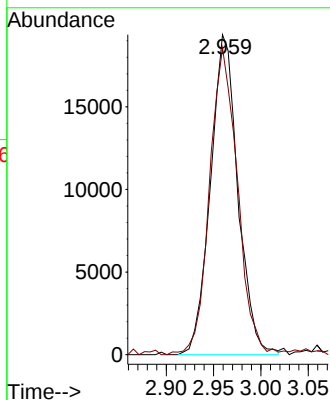
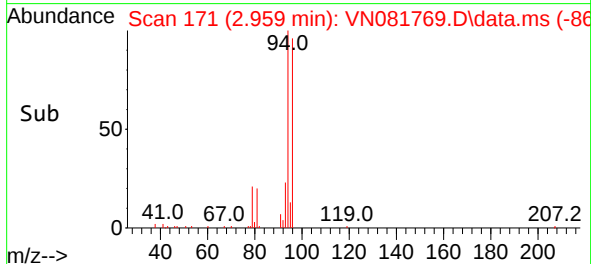
Instrument :
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Tgt Ion: 94 Resp: 3908
Ion Ratio Lower Upper
94 100
96 95.1 72.8 109.2

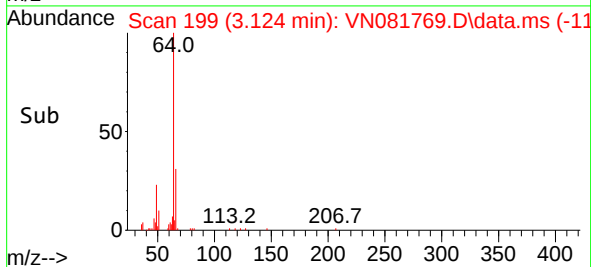
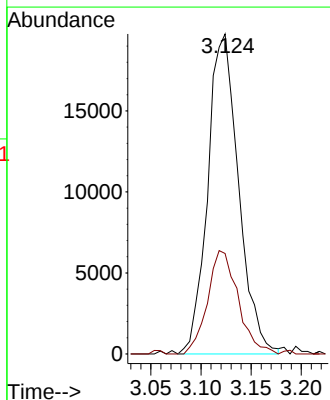
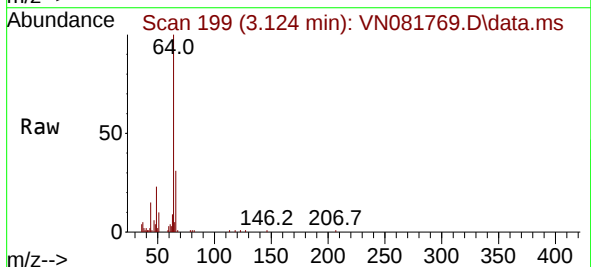
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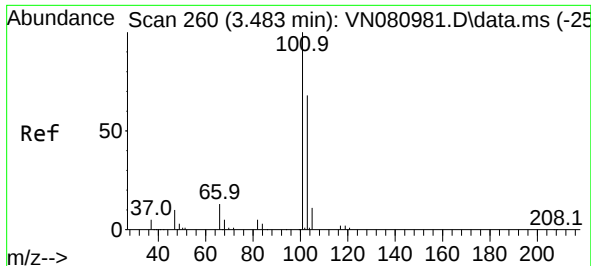
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#6
Chloroethane
Concen: 26.172 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 64 Resp: 42289
Ion Ratio Lower Upper
64 100
66 31.7 26.7 40.1





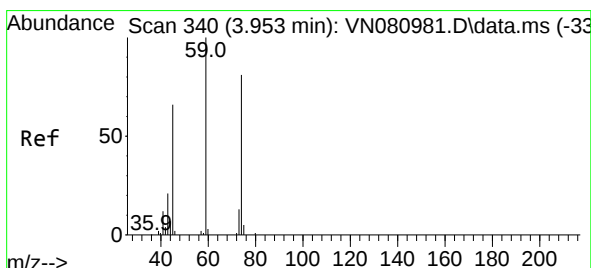
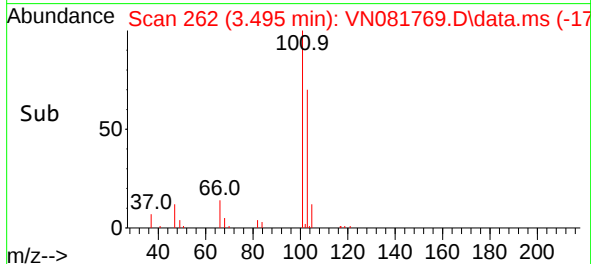
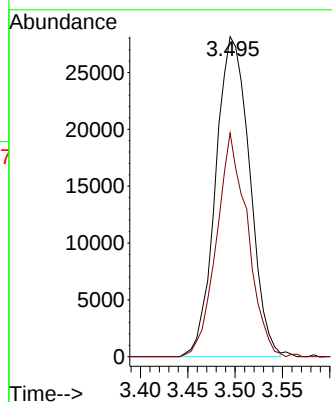
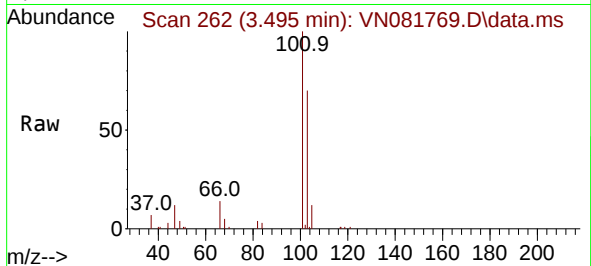
#7
Trichlorofluoromethane
Concen: 20.749 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion:101 Resp: 7032
Ion Ratio Lower Upper
101 100
103 69.9 53.0 79.4

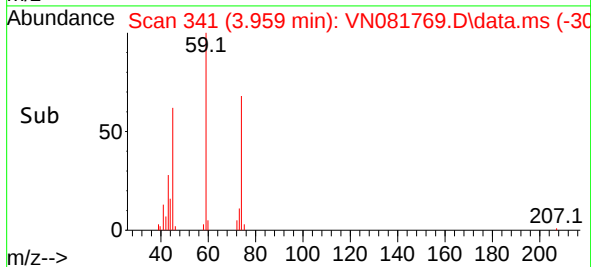
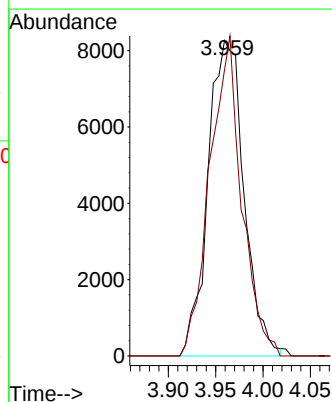
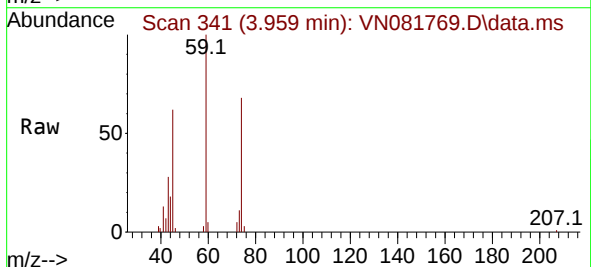
Manual Integrations
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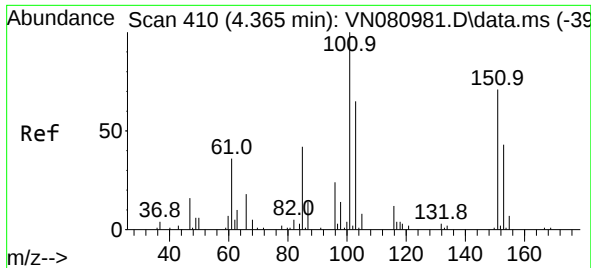
Reviewed By :John Carlone 04/18/2024
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#8
Diethyl Ether
Concen: 17.250 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 74 Resp: 21806
Ion Ratio Lower Upper
74 100
45 90.2 16.4 147.4





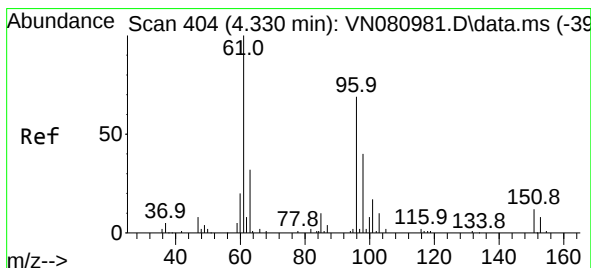
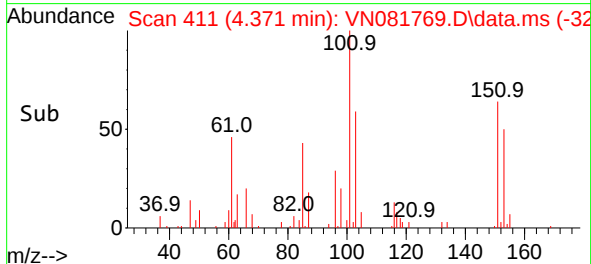
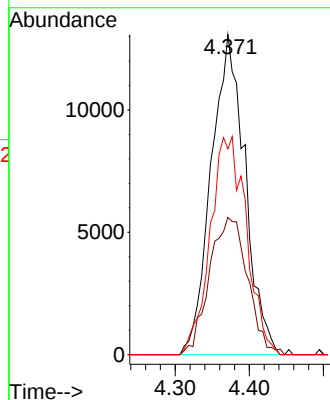
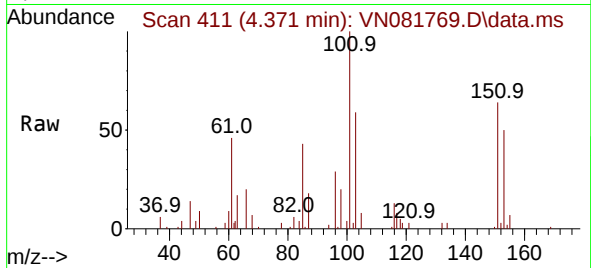
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.866 ug/l
RT: 4.371 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN081769.D
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ClientSampleId :
VN0417WBSD01

Tgt Ion:101 Resp: 4154
Ion Ratio Lower Upper
101 100
85 47.5 0.0 90.6
151 38.8 0.0 157.6

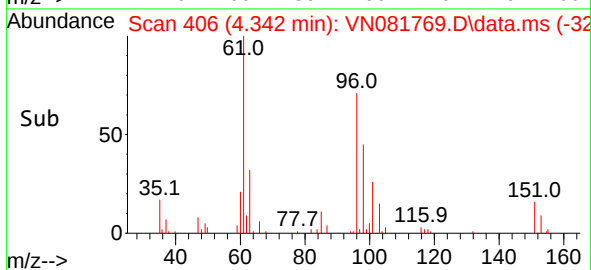
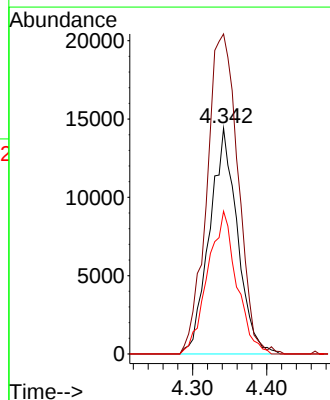
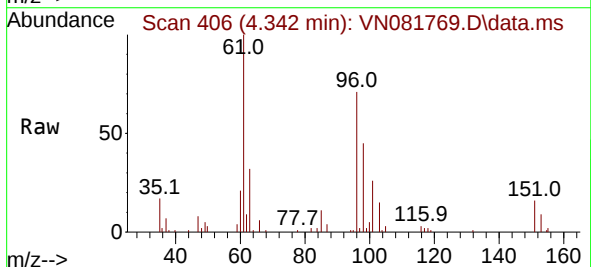
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#10
1,1-Dichloroethene
Concen: 17.692 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

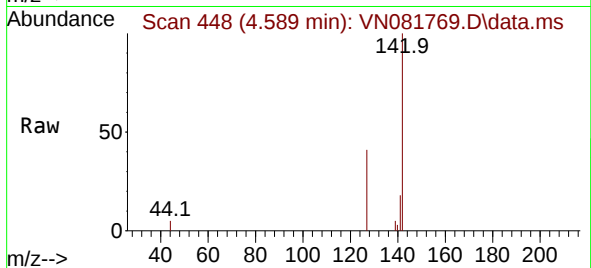
Tgt Ion: 96 Resp: 37731
Ion Ratio Lower Upper
96 100
61 141.7 117.6 176.4
98 63.2 48.4 72.6





#11
Methyl Iodide
Concen: 13.579 ug/l
RT: 4.589 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

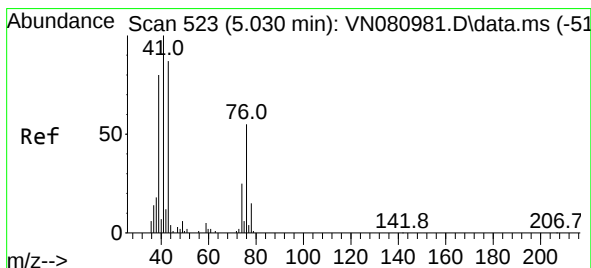
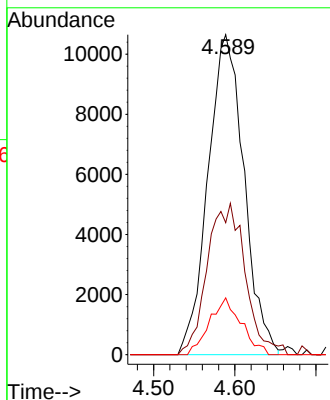
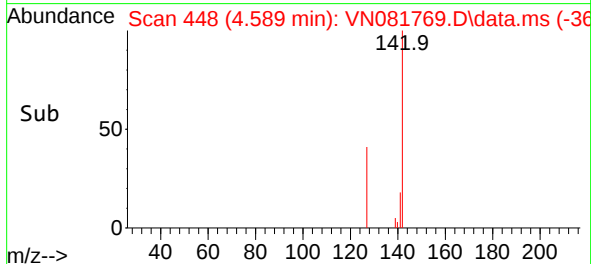
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion:142 Resp: 32794
Ion Ratio Lower Upper
142 100
127 40.2 26.3 78.9
141 17.9 8.3 24.9

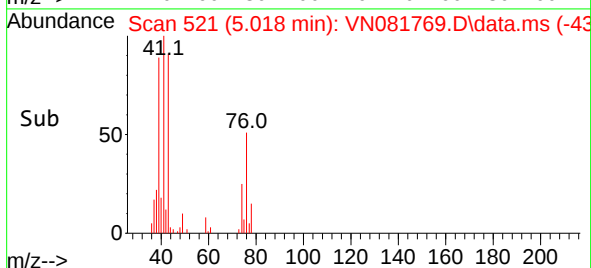
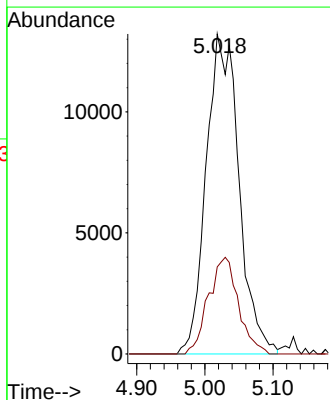
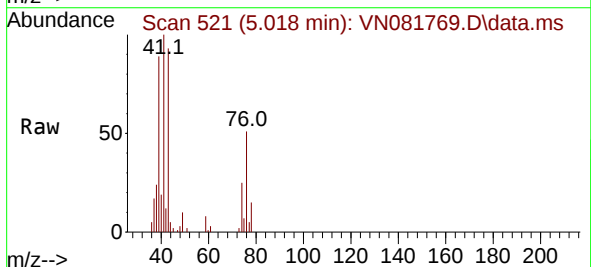
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#12
Methyl Acetate
Concen: 22.546 ug/l m
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 43 Resp: 44150
Ion Ratio Lower Upper
43 100
74 27.2 27.7 41.5#





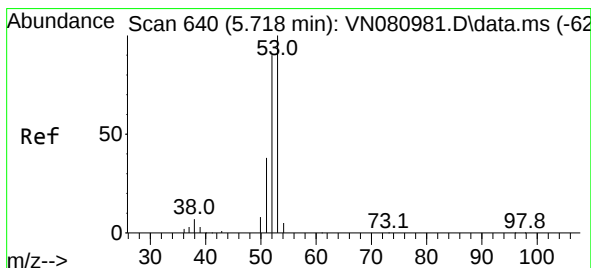
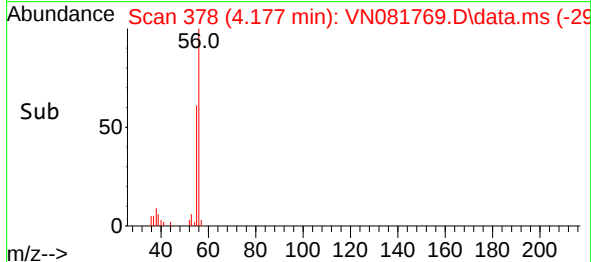
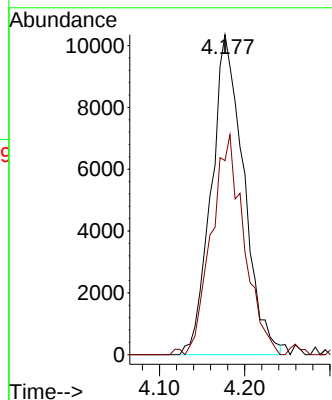
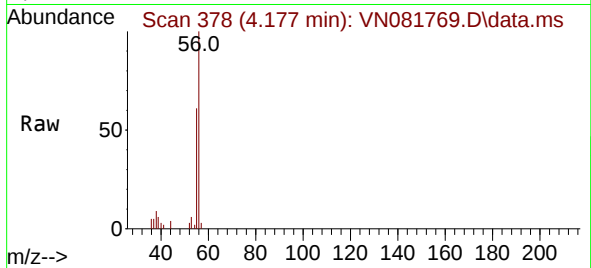
#13
Acrolein
Concen: 105.884 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion: 56 Resp: 27308
Ion Ratio Lower Upper
56 100
55 69.3 55.5 83.3

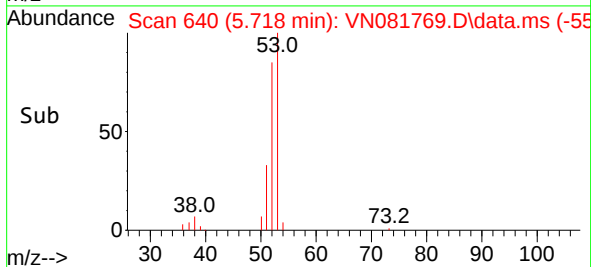
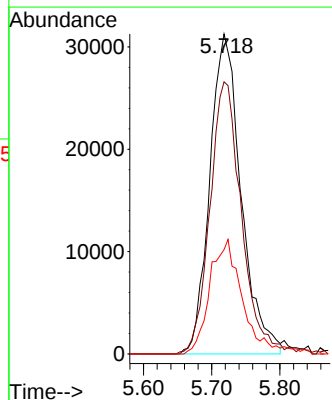
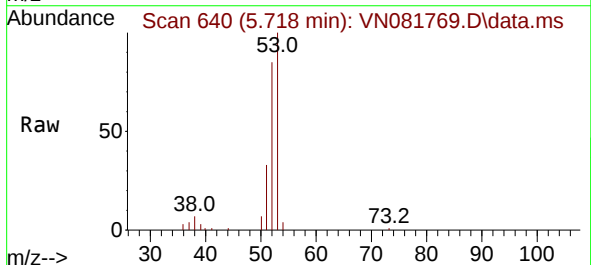
Manual Integrations
APPROVED

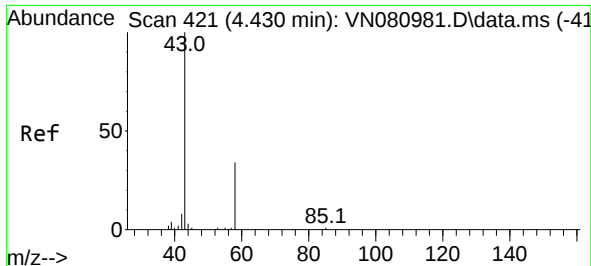
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#14
Acrylonitrile
Concen: 102.587 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

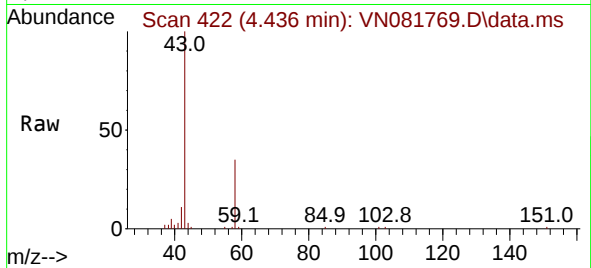
Tgt Ion: 53 Resp: 99998
Ion Ratio Lower Upper
53 100
52 84.5 41.3 123.9
51 34.8 16.8 50.3





#15
Acetone
Concen: 99.310 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

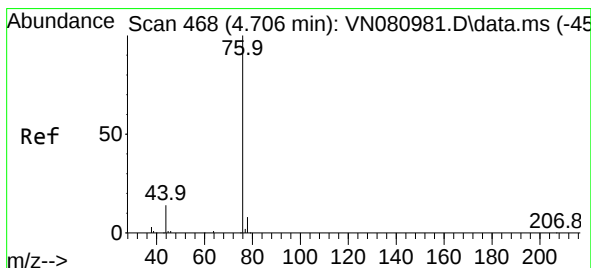
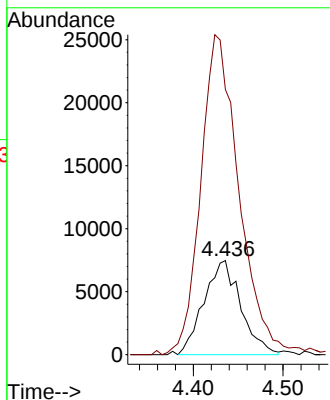
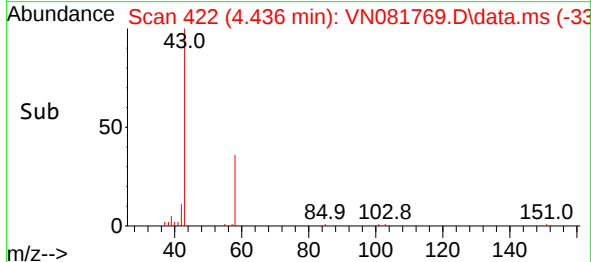
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



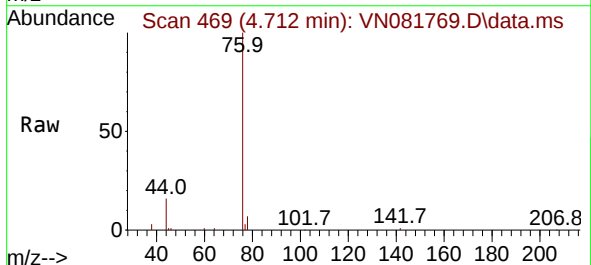
Tgt Ion: 58 Resp: 2129
Ion Ratio Lower Upper
58 100
43 270.0 223.1 334.7

Manual Integrations
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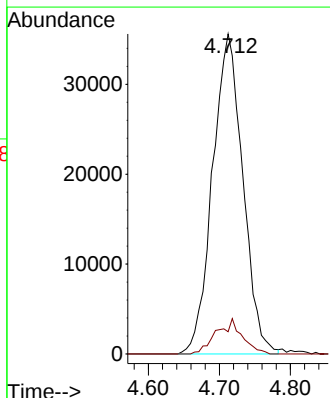
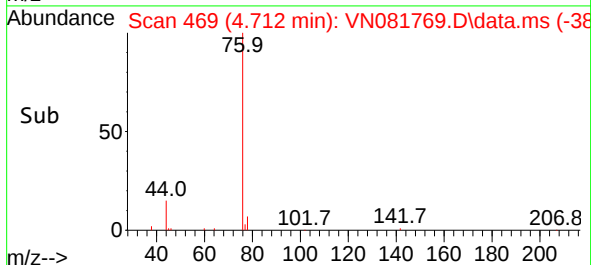
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

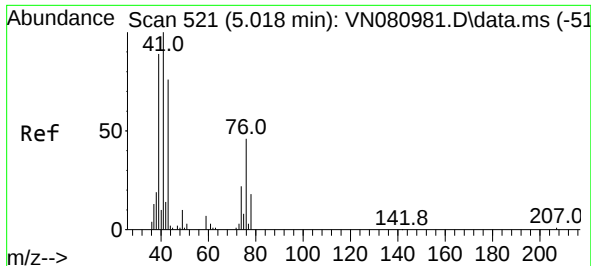


#16
Carbon Disulfide
Concen: 17.380 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40



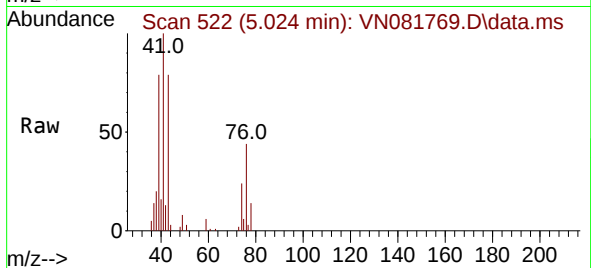
Tgt Ion: 76 Resp: 105395
Ion Ratio Lower Upper
76 100
78 7.0 6.3 9.5





#17
 Allyl chloride
 Concen: 18.791 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN081769.D
 Acq: 17 Apr 2024 12:40

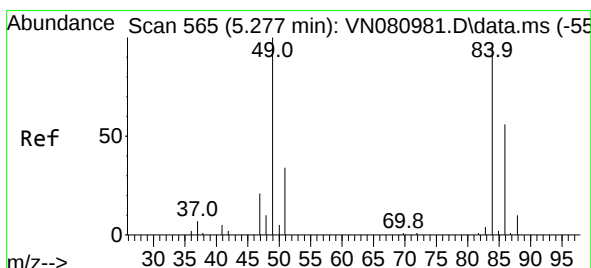
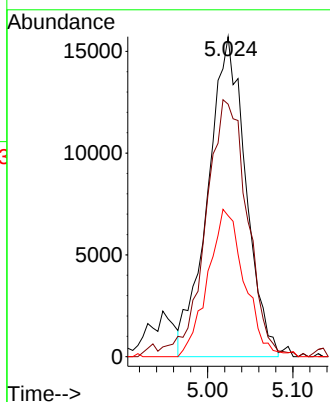
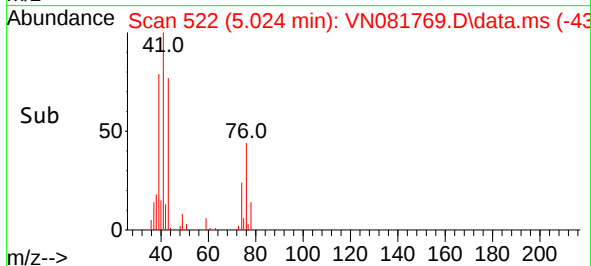
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBSD01



Tgt Ion: 41 Resp: 48478
 Ion Ratio Lower Upper
 41 100
 39 78.1 37.6 112.9
 76 44.6 27.8 83.4

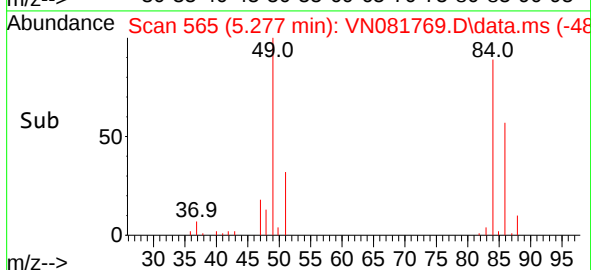
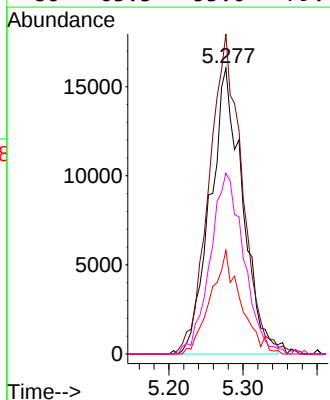
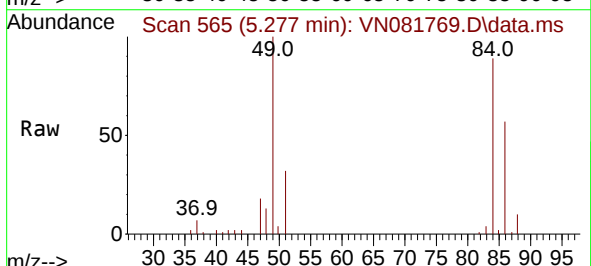
Manual Integrations
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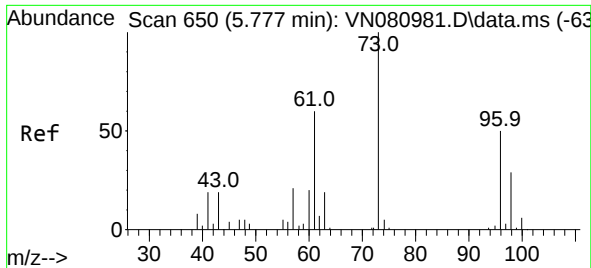
Reviewed By :John Carlone 04/18/2024
 Supervised By :Mahesh Dadoda 04/18/2024



#18
 Methylene Chloride
 Concen: 19.760 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN081769.D
 Acq: 17 Apr 2024 12:40

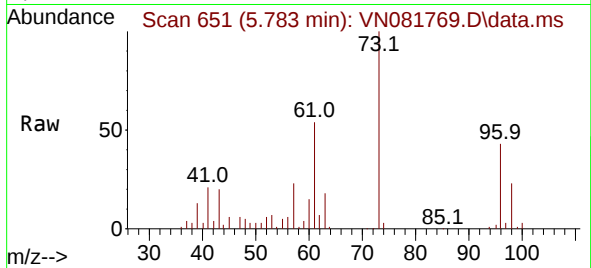
Tgt Ion: 84 Resp: 48523
 Ion Ratio Lower Upper
 84 100
 49 110.7 86.0 129.0
 51 36.3 30.0 45.0
 86 63.3 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 17.629 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

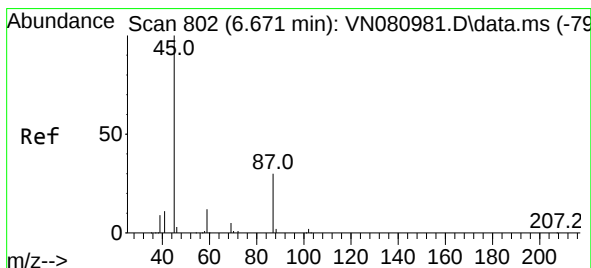
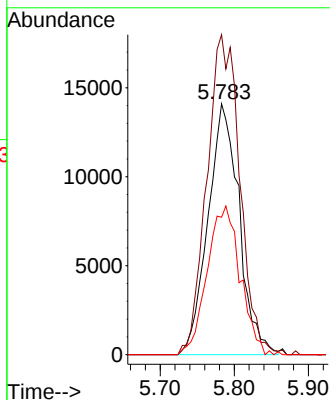
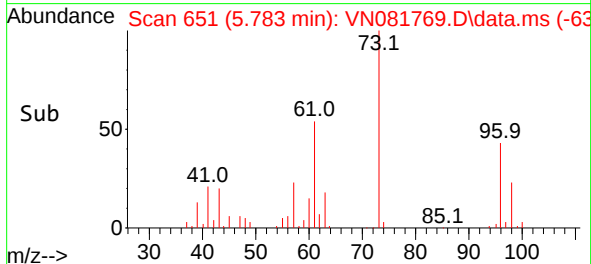
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 96 Resp: 4122
Ion Ratio Lower Upper
96 100
61 127.5 111.8 167.6
98 54.8 49.2 73.8

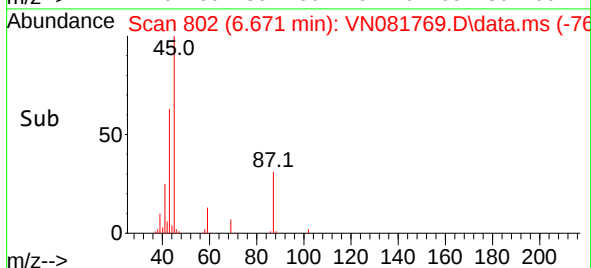
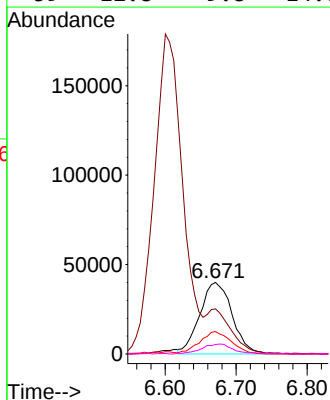
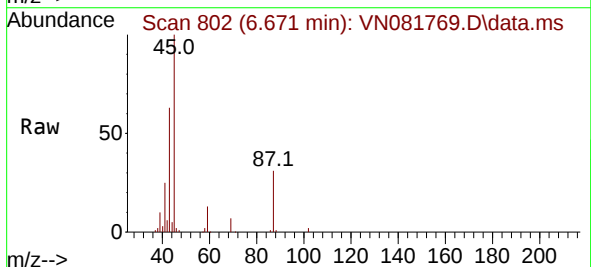
Manual Integrations
APPROVED

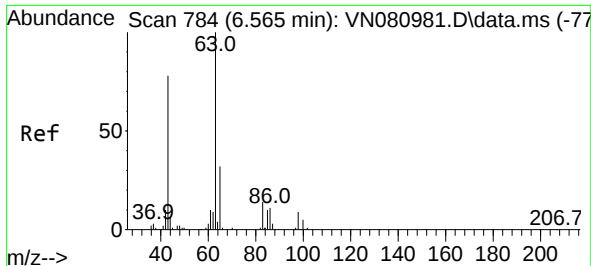
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#20
Diisopropyl ether
Concen: 20.605 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

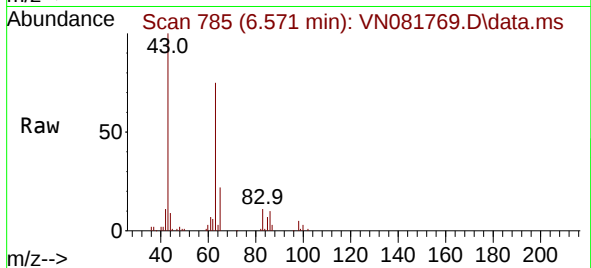
Tgt Ion: 45 Resp: 126557
Ion Ratio Lower Upper
45 100
43 61.8 40.4 60.6#
87 31.4 23.8 35.8
59 12.8 9.8 14.6





#21
1,1-Dichloroethane
Concen: 20.008 ug/l
RT: 6.571 min Scan# 719
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

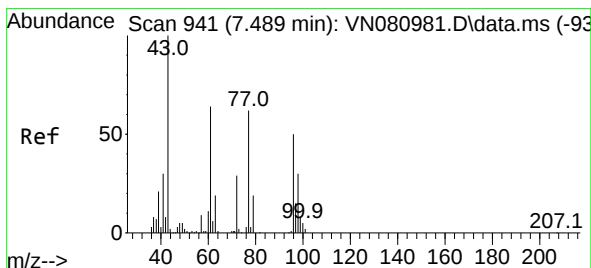
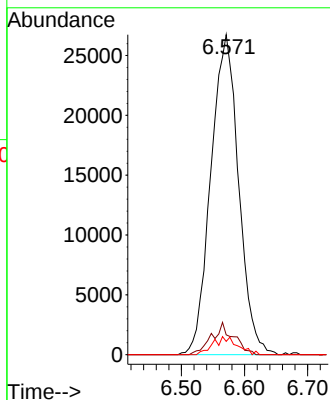
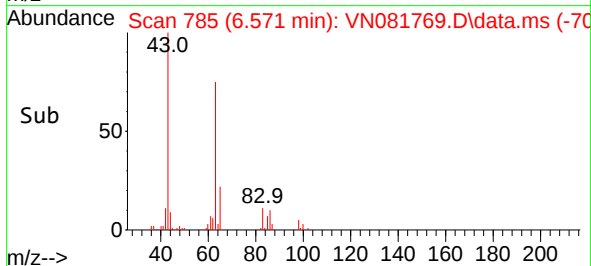
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 63 Resp: 81934
Ion Ratio Lower Upper
63 100
98 6.2 4.1 12.3
100 4.2 3.0 9.0

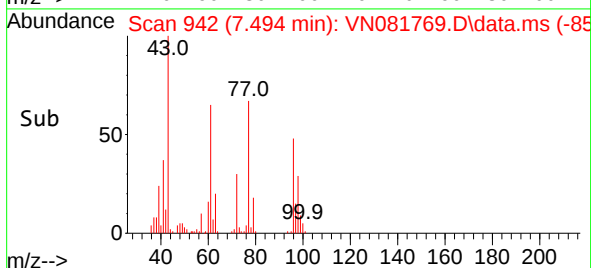
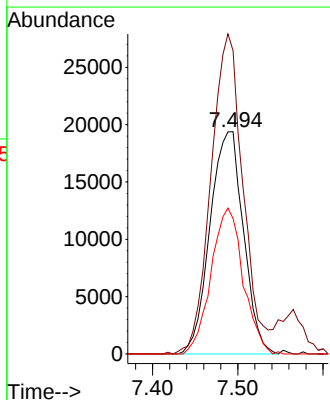
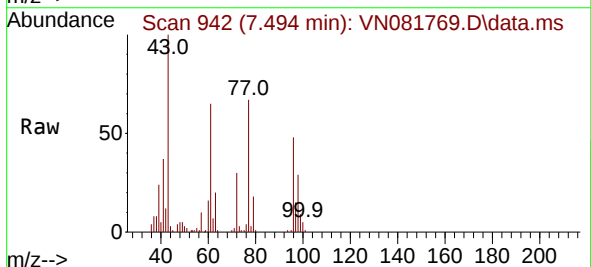
Manual Integrations
APPROVED

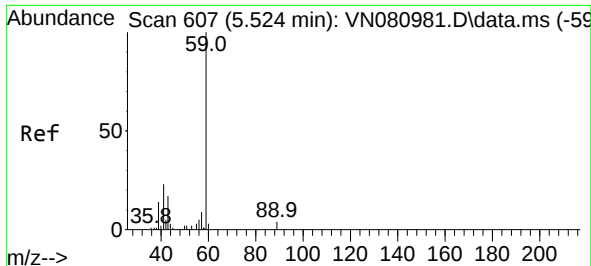
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#22
cis-1,2-Dichloroethene
Concen: 18.724 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 96 Resp: 52878
Ion Ratio Lower Upper
96 100
61 137.6 113.5 170.3
98 63.1 52.0 78.0





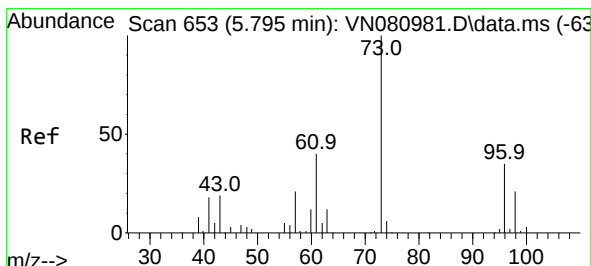
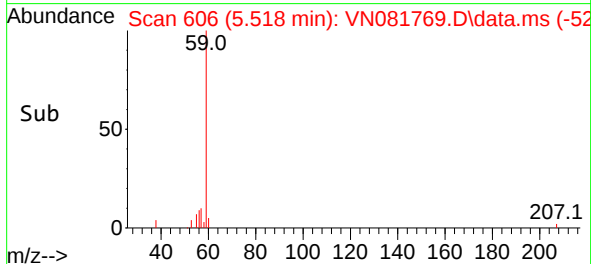
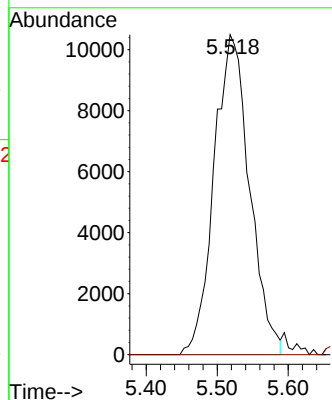
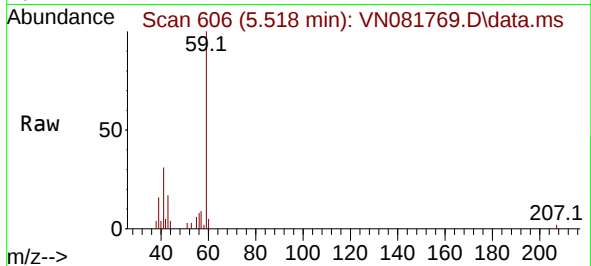
#23
tert-Butyl Alcohol
Concen: 105.236 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion: 59 Resp: 36415
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

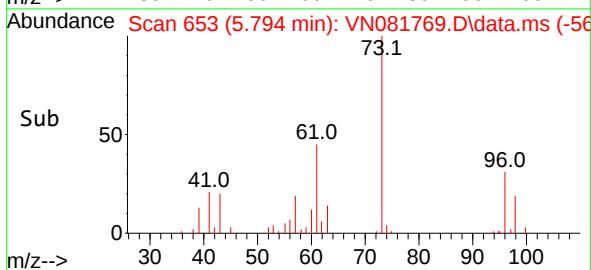
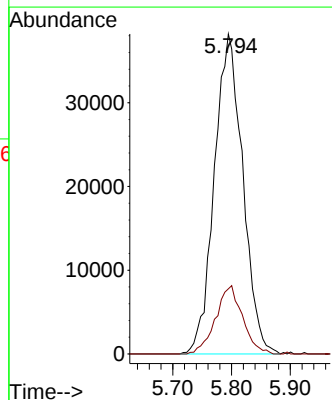
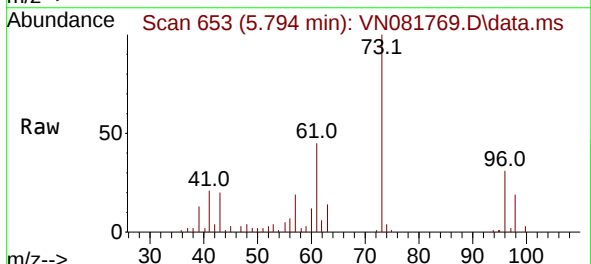
Manual Integrations
APPROVED

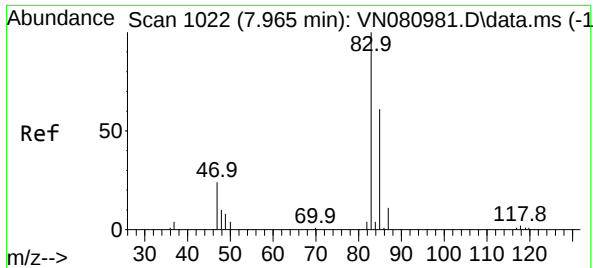
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#24
Methyl tert-Butyl Ether
Concen: 19.261 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 73 Resp: 128467
Ion Ratio Lower Upper
73 100
43 20.2 13.4 20.2#





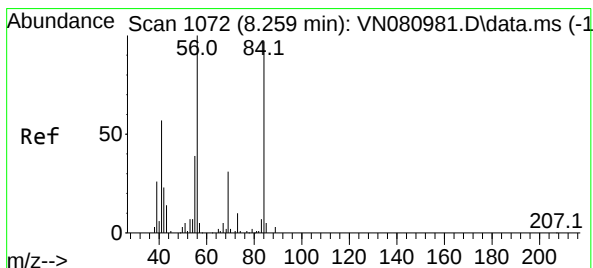
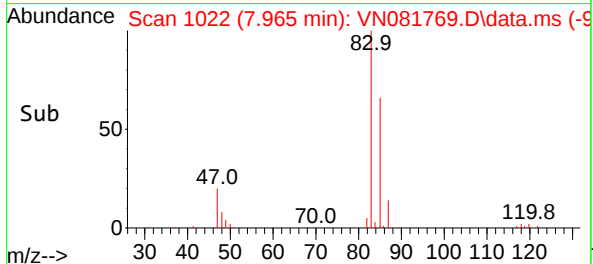
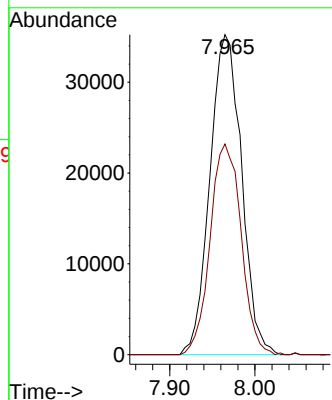
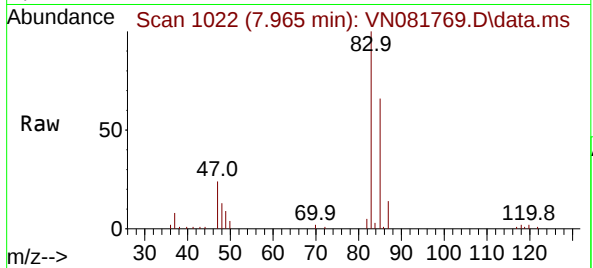
#25
Chloroform
Concen: 19.538 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion: 83 Resp: 91035
Ion Ratio Lower Upper
83 100
85 65.9 50.9 76.3

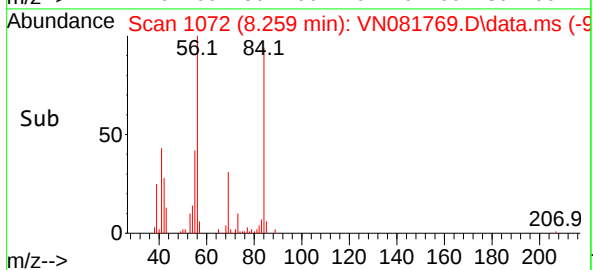
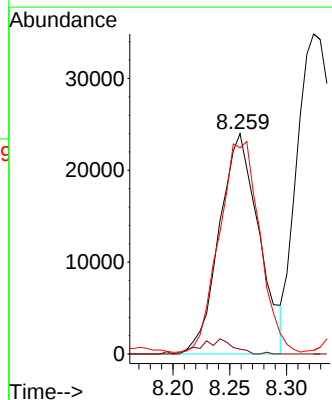
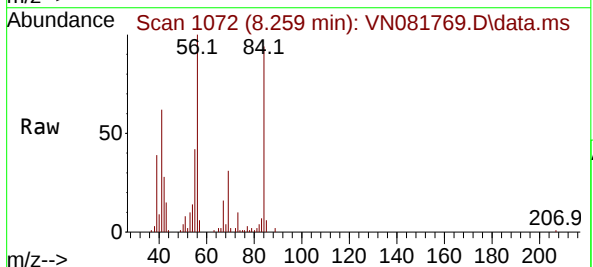
Manual Integrations
APPROVED

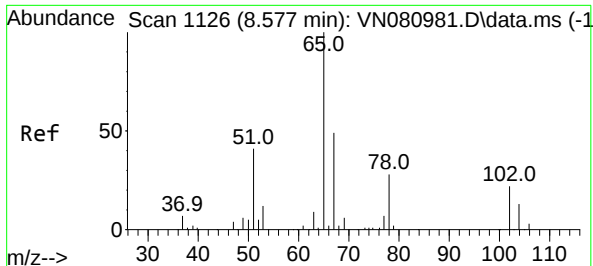
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#26
Cyclohexane
Concen: 17.730 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 56 Resp: 58206
Ion Ratio Lower Upper
56 100
89 4.2 19.3 28.9#
84 99.6 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 29.206 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

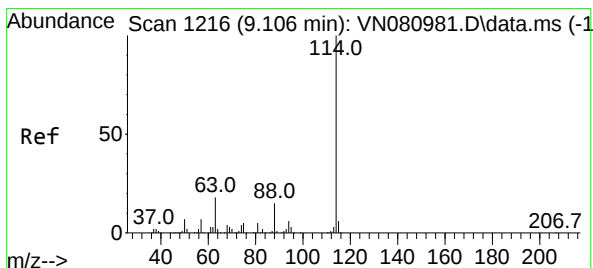
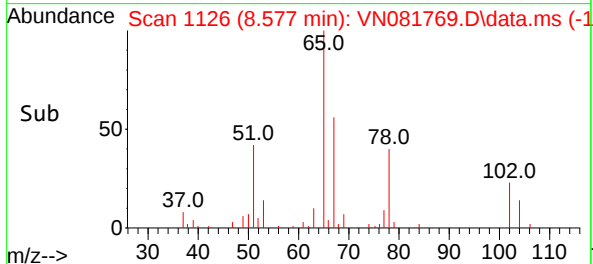
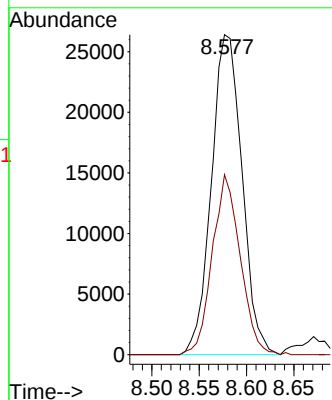
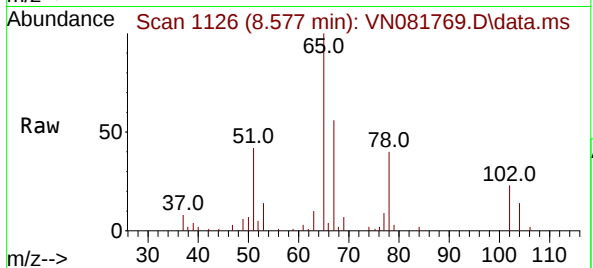
VN0417WBSD01

Tgt Ion: 65 Resp: 59420
Ion Ratio Lower Upper
65 100
67 51.3 43.2 64.8

Manual Integrations

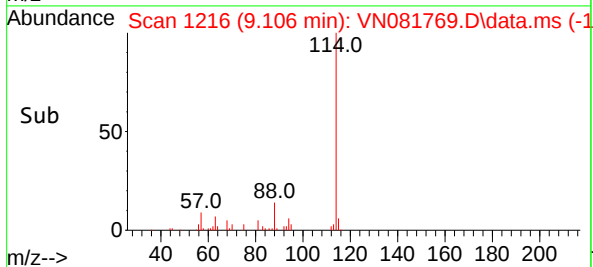
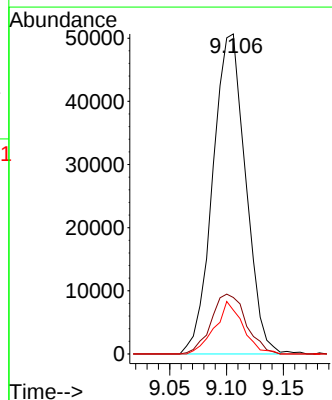
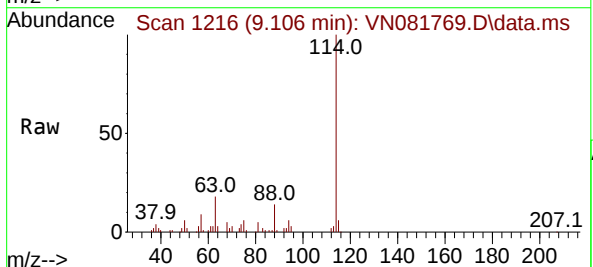
APPROVED

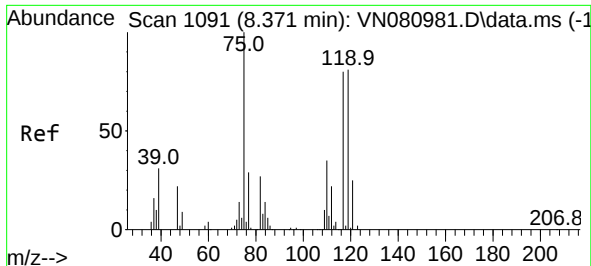
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion:114 Resp: 101766
Ion Ratio Lower Upper
114 100
63 19.9 15.9 23.9
88 14.0 12.7 19.1





#29

1,1-Dichloropropene

Concen: 21.688 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN081769.D

Acq: 17 Apr 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBSD01

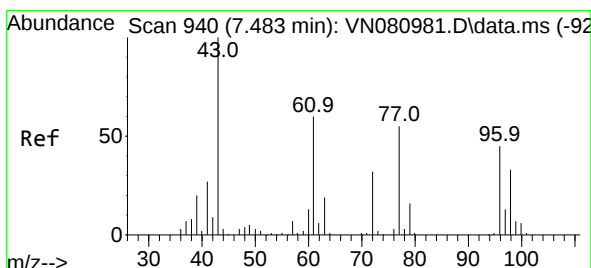
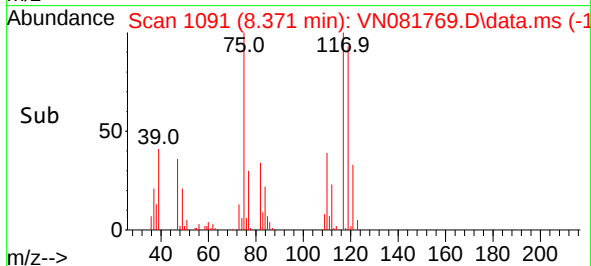
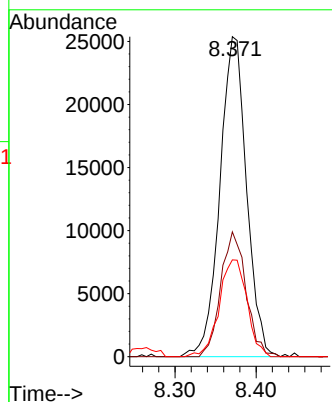
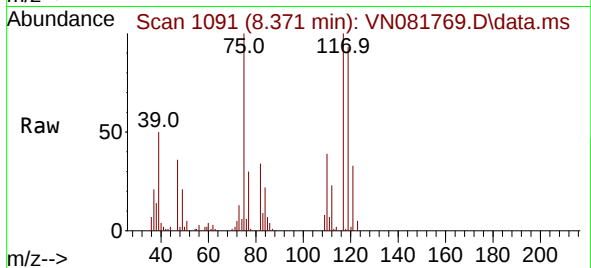
Tgt Ion: 75	Resp: 5802
Ion Ratio	Lower Upper
75	100
110	36.8 0.0 70.2
77	31.5 0.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2024

Supervised By :Mahesh Dadoda 04/18/2024



#30

2-Butanone

Concen: 127.886 ug/l

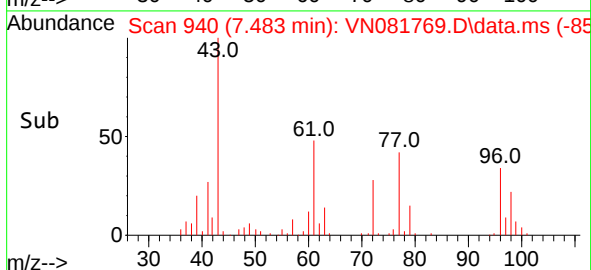
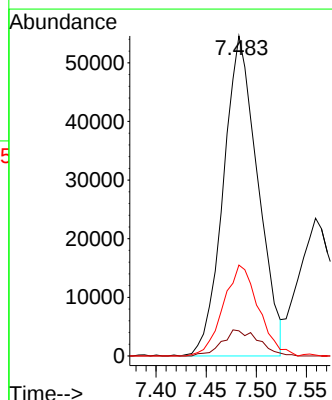
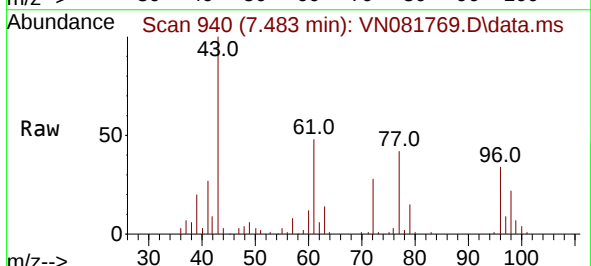
RT: 7.483 min Scan# 940

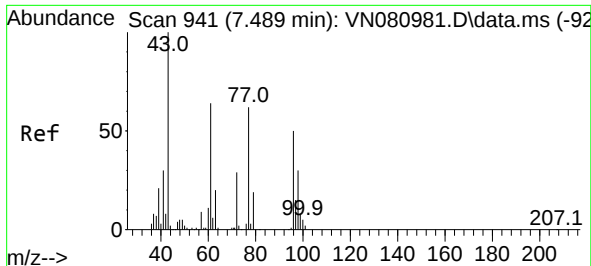
Delta R.T. 0.000 min

Lab File: VN081769.D

Acq: 17 Apr 2024 12:40

Tgt Ion: 43	Resp: 130671
Ion Ratio	Lower Upper
43	100
57	8.7 6.7 10.1
72	29.0 24.0 36.0





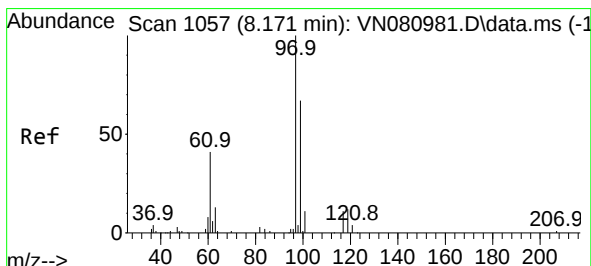
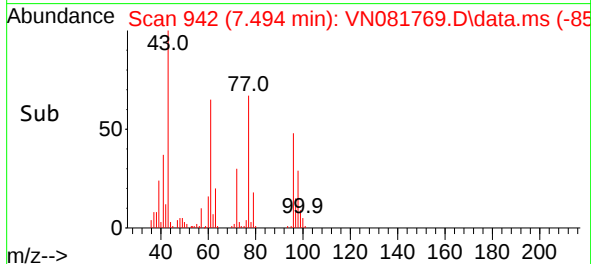
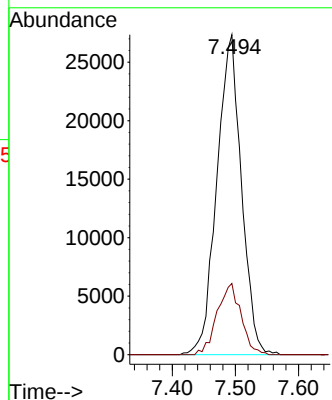
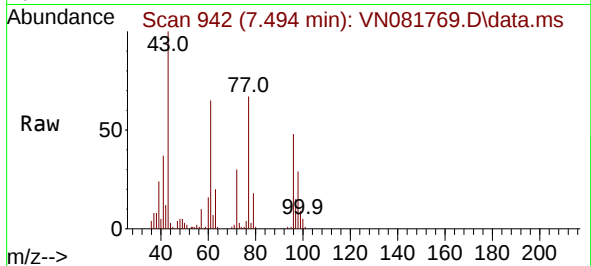
#31
2,2-Dichloropropane
Concen: 22.171 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion: 77 Resp: 7388
Ion Ratio Lower Upper
77 100
97 21.6 18.3 27.5

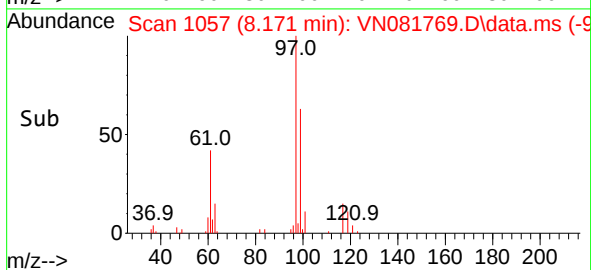
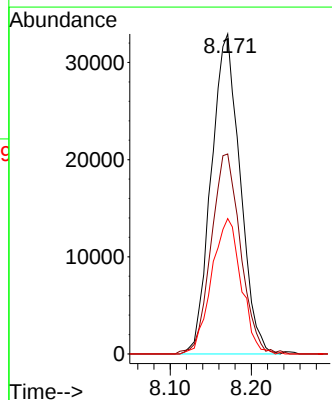
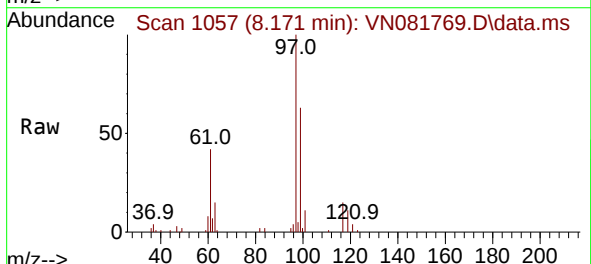
Manual Integrations
APPROVED

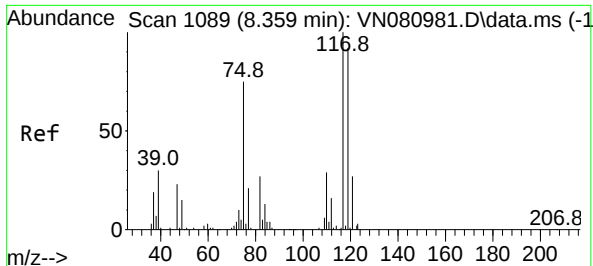
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#32
1,1,1-Trichloroethane
Concen: 22.052 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

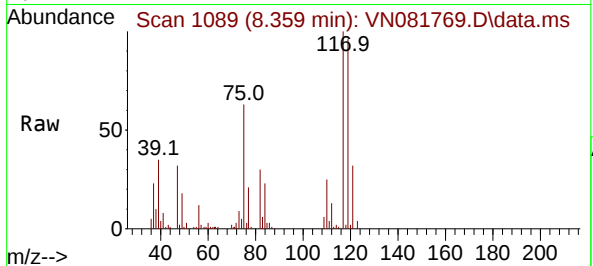
Tgt Ion: 97 Resp: 81315
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 43.5 33.8 50.8





#33
Carbon Tetrachloride
Concen: 20.634 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

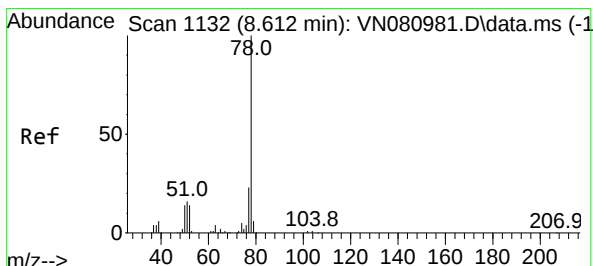
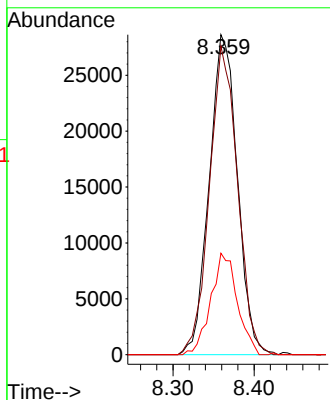
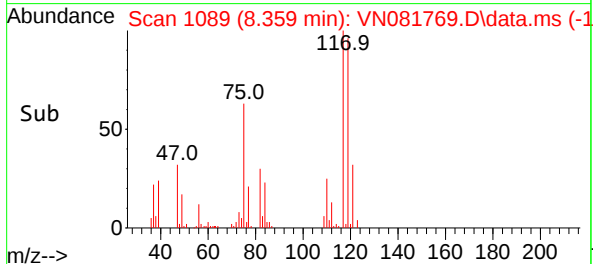
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



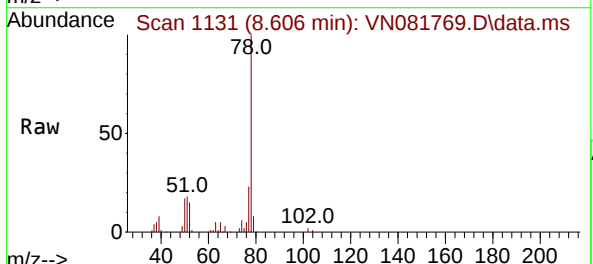
Tgt Ion: 117 Resp: 6896
Ion Ratio Lower Upper
117 100
119 96.5 77.7 116.5
121 31.7 27.0 40.6

Manual Integrations
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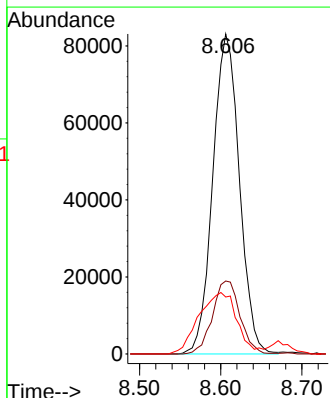
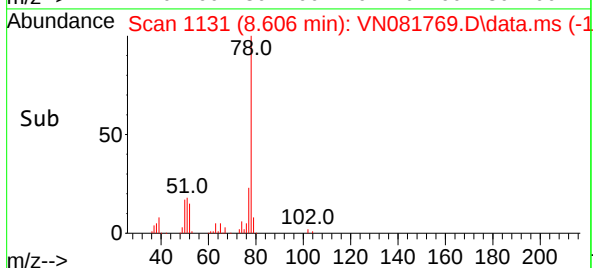
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#34
Benzene
Concen: 21.953 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40



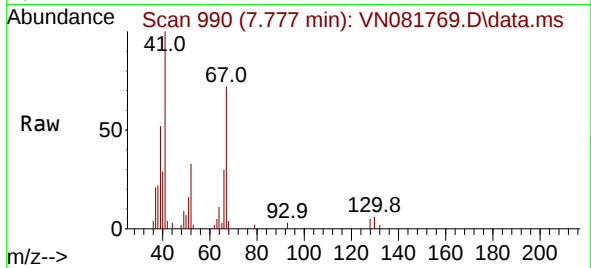
Tgt Ion: 78 Resp: 189204
Ion Ratio Lower Upper
78 100
77 22.8 19.2 28.8
51 16.7 13.3 19.9





#35
Methacrylonitrile
Concen: 24.924 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

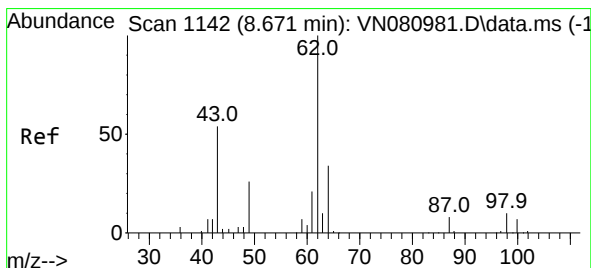
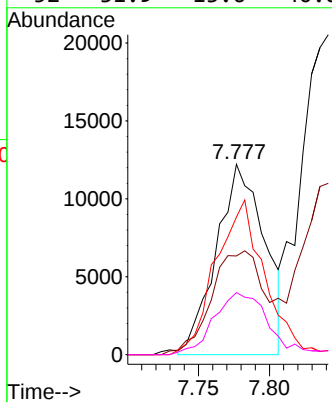
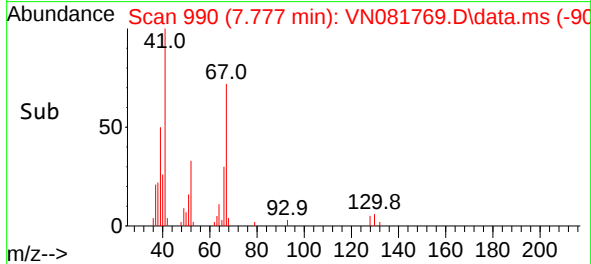
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 41 Resp: 28840
Ion Ratio Lower Upper
41 100
39 50.3 25.3 75.9
67 71.5 38.7 116.1
52 31.9 13.6 40.8

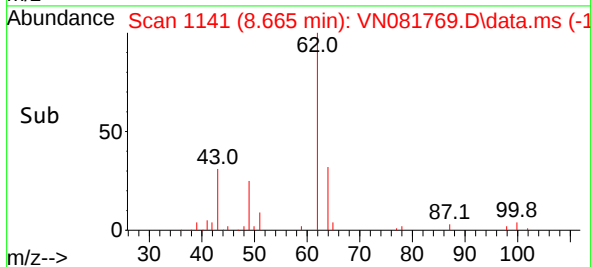
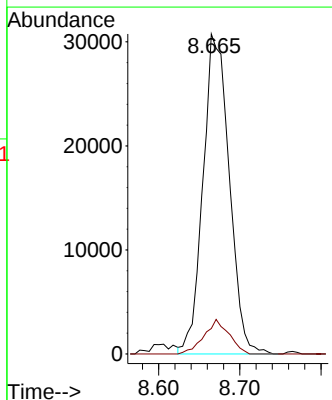
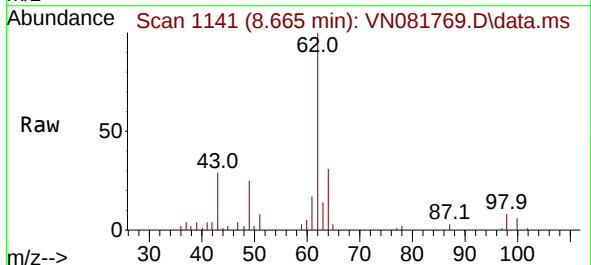
Manual Integrations
APPROVED

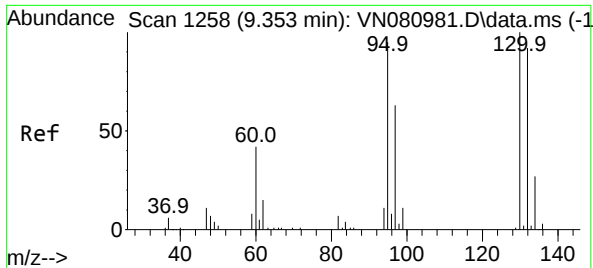
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#36
1,2-Dichloroethane
Concen: 24.460 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 62 Resp: 69145
Ion Ratio Lower Upper
62 100
98 10.2 8.2 12.4





#37

Trichloroethene

Concen: 20.268 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081769.D

Acq: 17 Apr 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBSD01

Tgt Ion:130 Resp: 46224

Ion Ratio Lower Upper

130 100

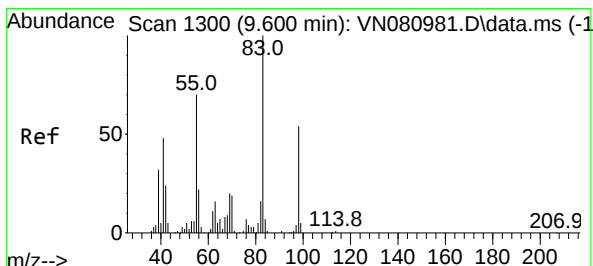
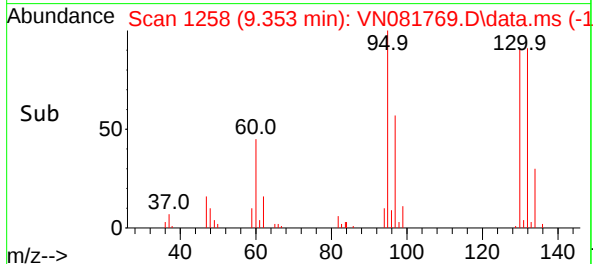
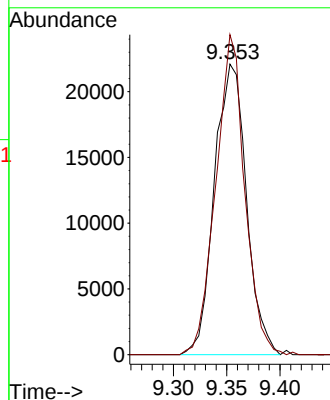
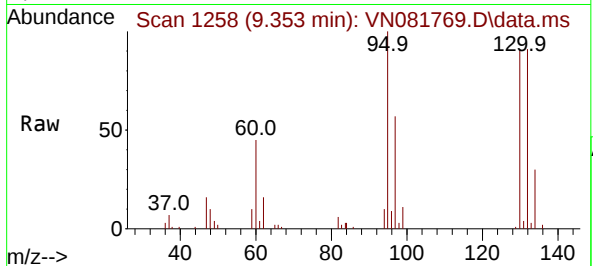
95 110.1 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2024

Supervised By :Mahesh Dadoda 04/18/2024



#38

Methylcyclohexane

Concen: 19.255 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN081769.D

Acq: 17 Apr 2024 12:40

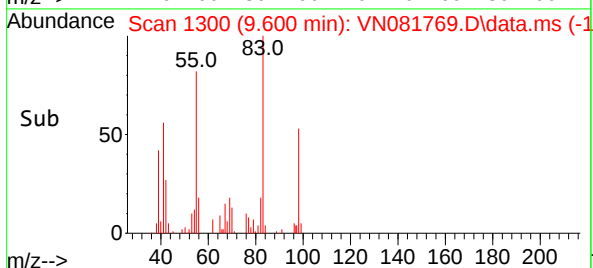
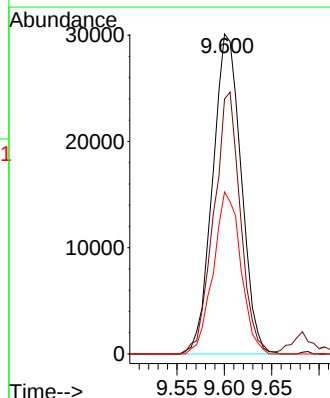
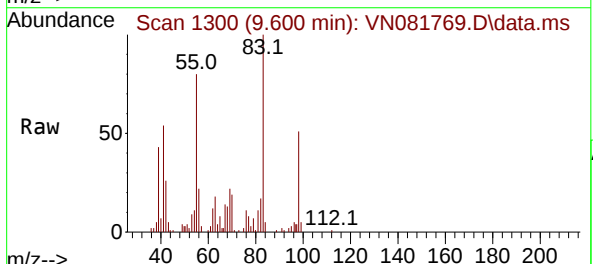
Tgt Ion: 83 Resp: 62967

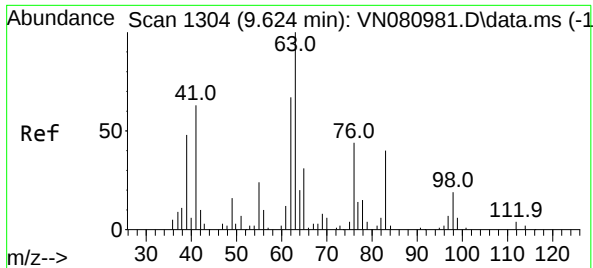
Ion Ratio Lower Upper

83 100

55 76.4 36.6 109.9

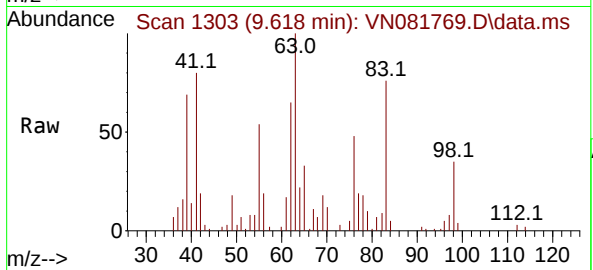
98 49.0 23.8 71.5





#39
1,2-Dichloropropane
Concen: 23.252 ug/l
RT: 9.618 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

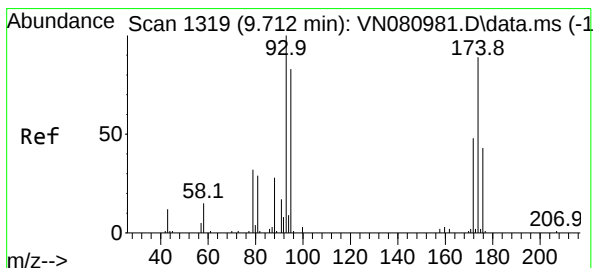
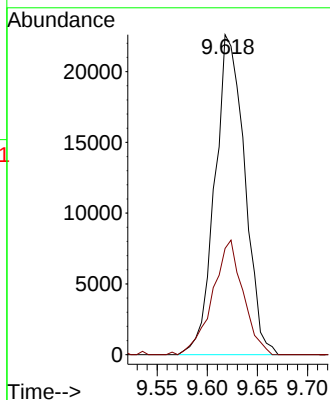
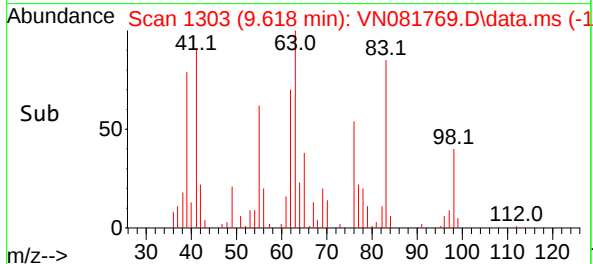
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 63 Resp: 46752
Ion Ratio Lower Upper
63 100
65 33.2 25.0 37.4

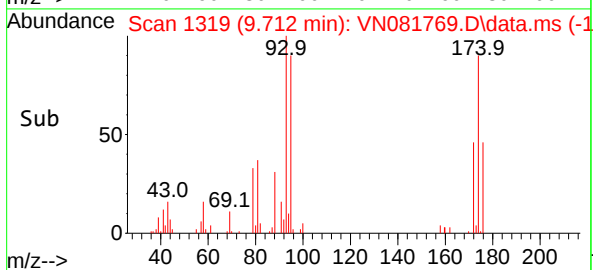
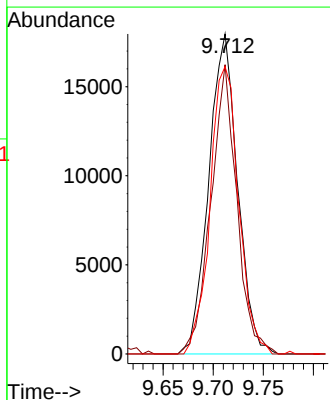
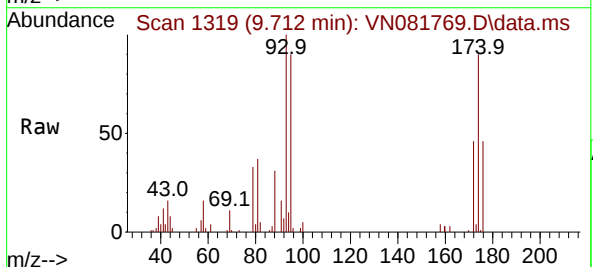
Manual Integrations
APPROVED

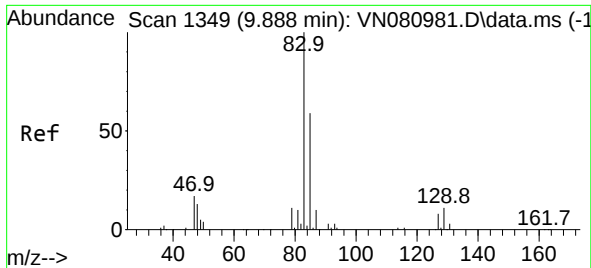
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#40
Dibromomethane
Concen: 22.478 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

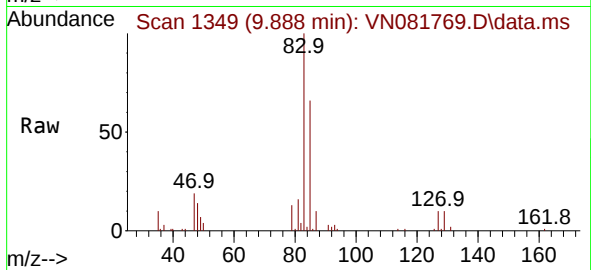
Tgt Ion: 93 Resp: 36002
Ion Ratio Lower Upper
93 100
95 81.4 0.0 164.6
174 88.9 0.0 193.2





#41
Bromodichloromethane
Concen: 22.866 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

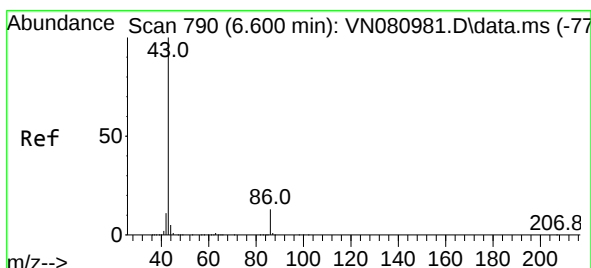
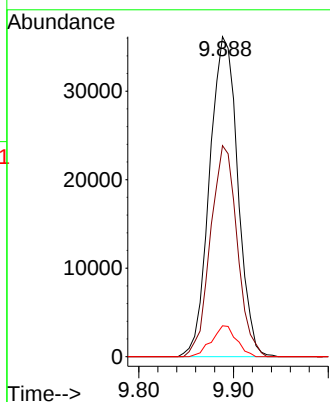
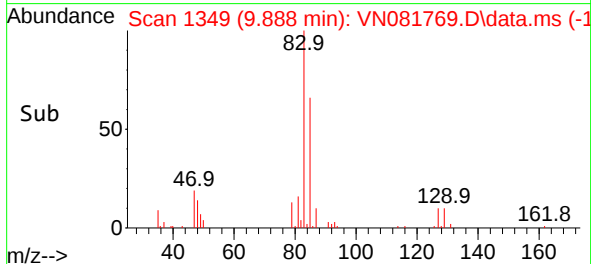
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 83 Resp: 7468
Ion Ratio Lower Upper
83 100
85 66.0 49.4 74.2
127 9.7 7.3 10.9

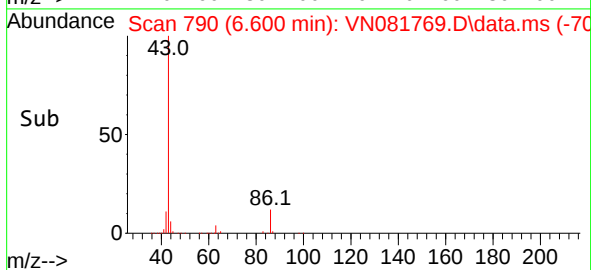
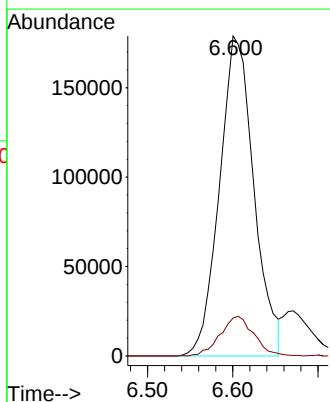
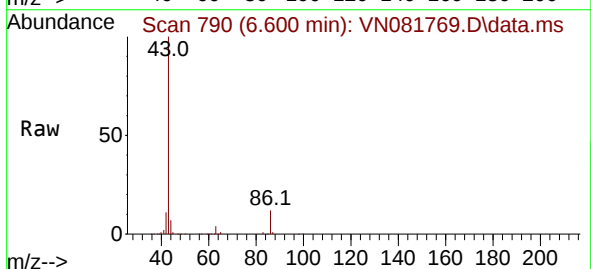
Manual Integrations
APPROVED

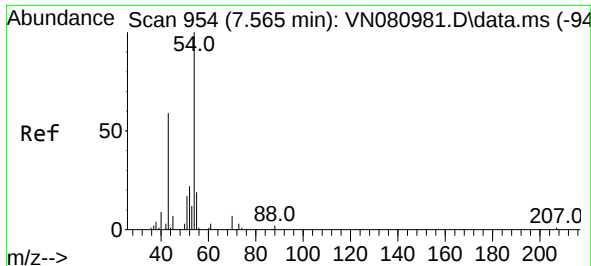
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#42
Vinyl Acetate
Concen: 118.029 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

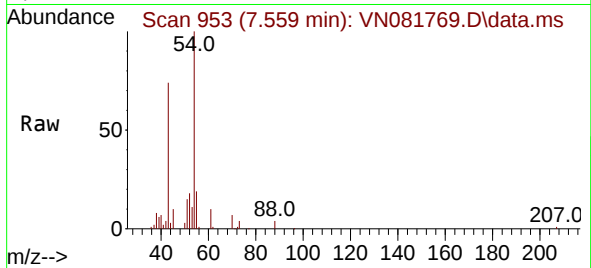
Tgt Ion: 43 Resp: 502392
Ion Ratio Lower Upper
43 100
86 12.1 9.4 14.2





#43
Ethyl Acetate
Concen: 26.272 ug/l
RT: 7.559 min Scan# 916
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

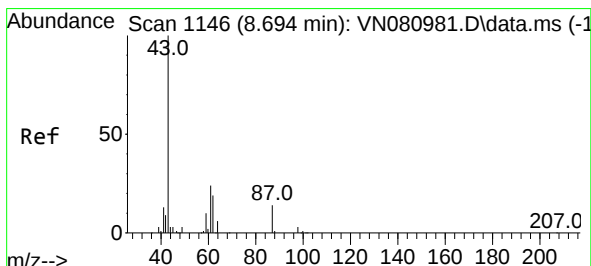
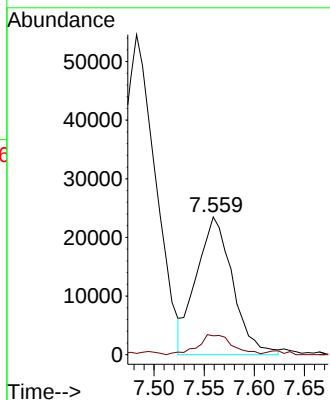
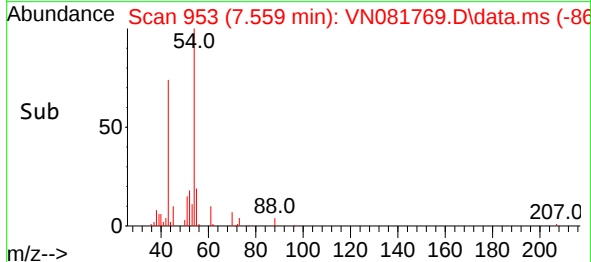
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



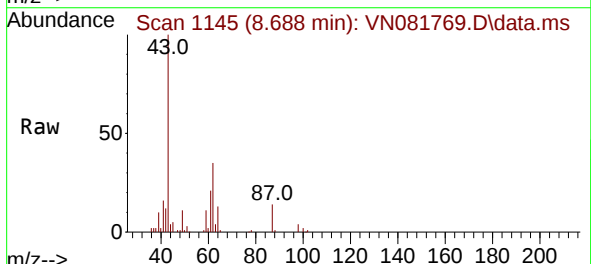
Tgt Ion: 43 Resp: 5916
Ion Ratio Lower Upper
43 100
45 12.9 10.6 15.8

Manual Integrations
APPROVED

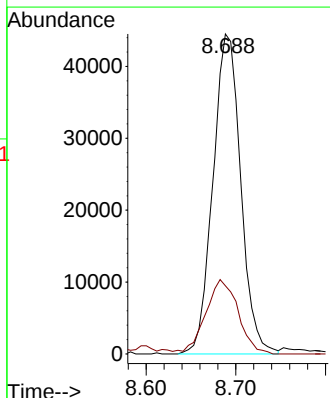
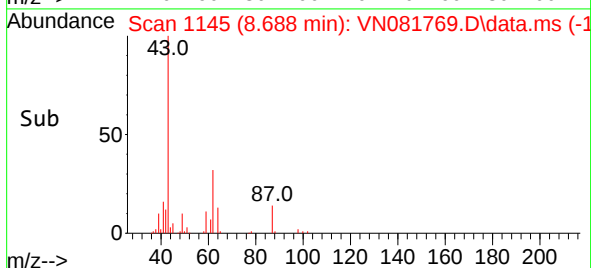
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

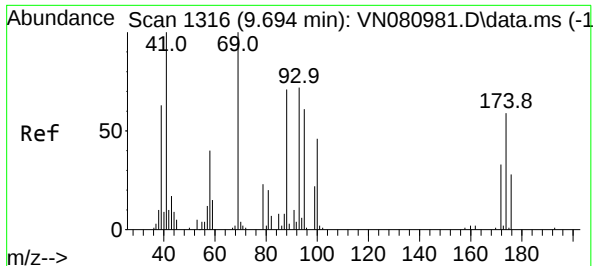


#44
Isopropyl Acetate
Concen: 25.364 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40



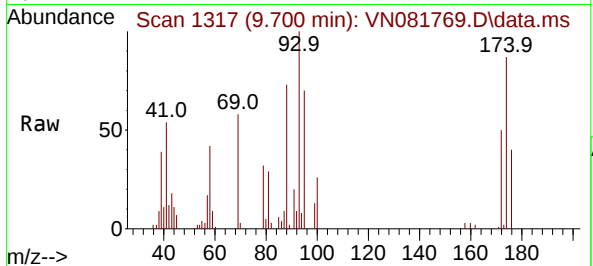
Tgt Ion: 43 Resp: 95702
Ion Ratio Lower Upper
43 100
61 27.0 25.0 37.4





#45
1,4-Dioxane
Concen: 480.892 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

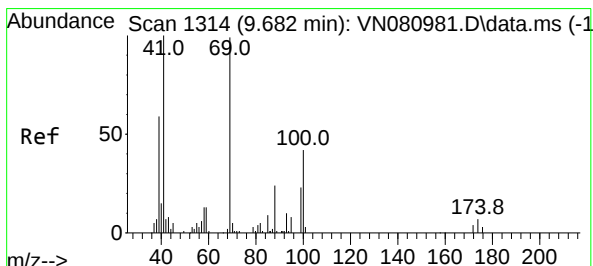
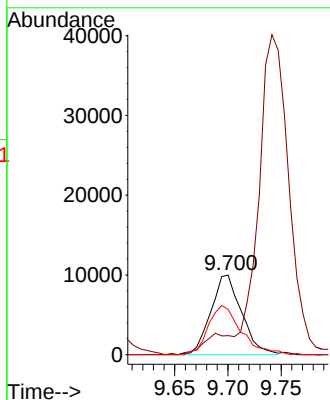
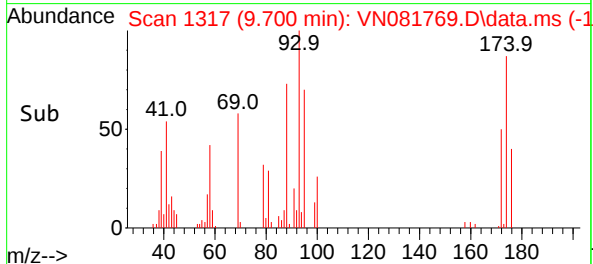
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



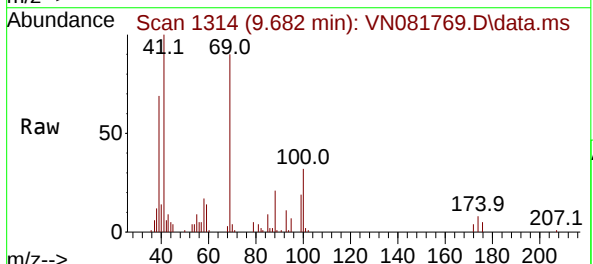
Tgt Ion: 88 Resp: 20030
Ion Ratio Lower Upper
88 100
43 25.5 19.8 29.6
58 66.0 55.4 83.0

Manual Integrations
APPROVED

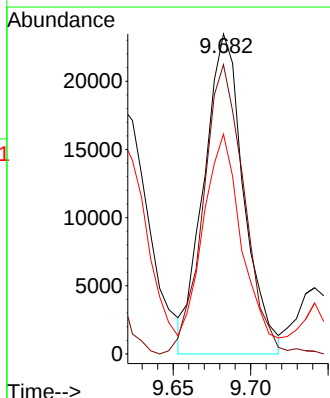
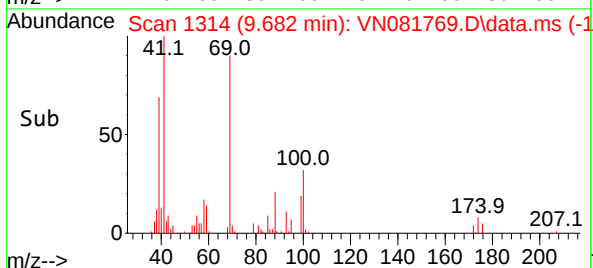
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

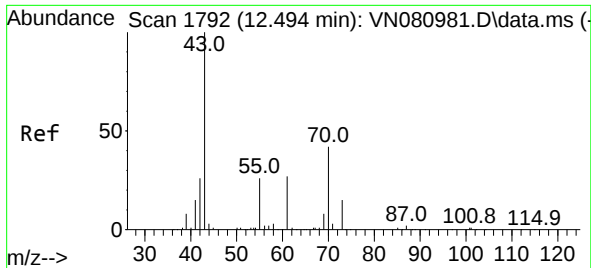


#46
Methyl methacrylate
Concen: 24.680 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40



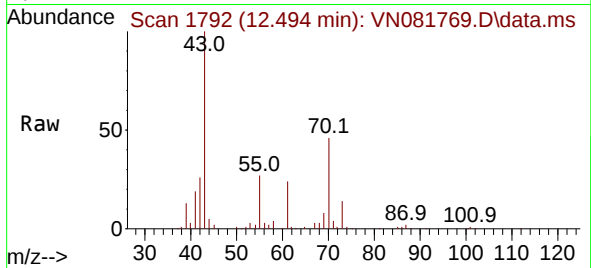
Tgt Ion: 41 Resp: 41877
Ion Ratio Lower Upper
41 100
69 93.7 51.1 153.3
39 67.5 25.8 77.3





#47
n-amy1 Acetate
Concen: 23.870 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

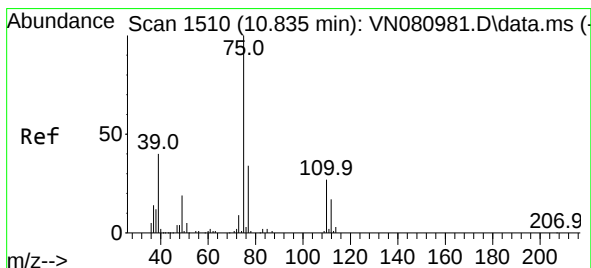
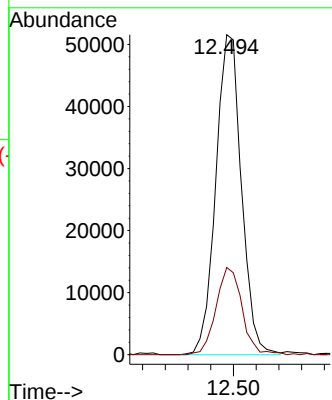
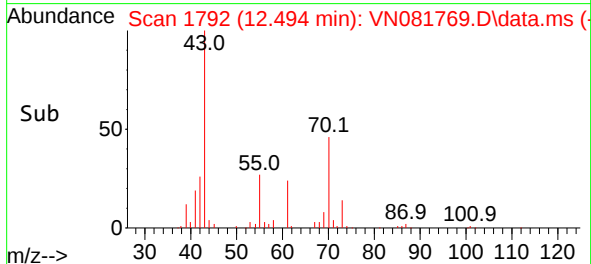
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 43 Resp: 80810
Ion Ratio Lower Upper
43 100
55 27.0 23.4 35.2

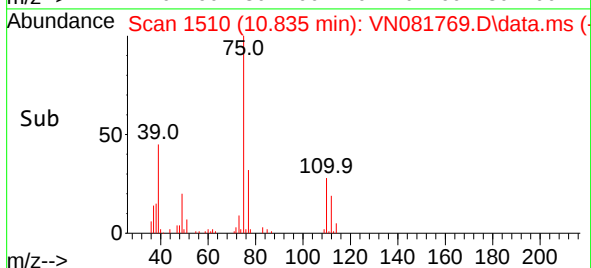
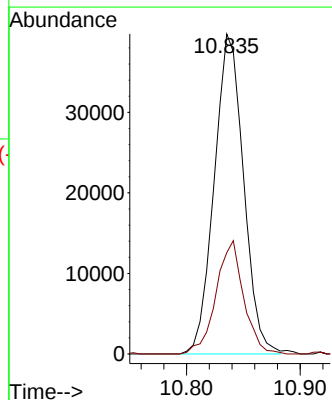
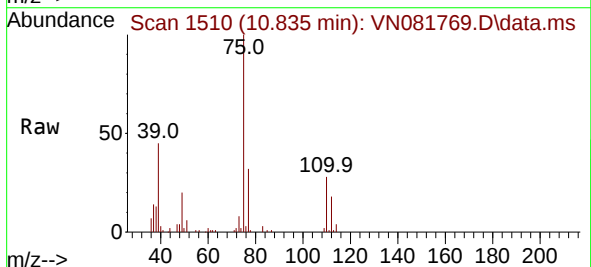
Manual Integrations
APPROVED

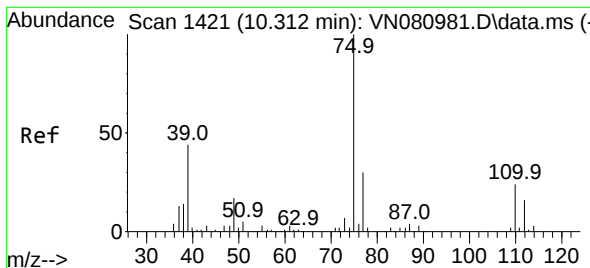
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#48
t-1,3-Dichloropropene
Concen: 22.920 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 75 Resp: 71319
Ion Ratio Lower Upper
75 100
77 31.7 23.8 35.6





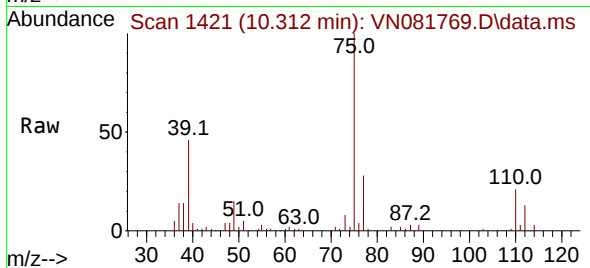
#49
 cis-1,3-Dichloropropene
 Concen: 22.592 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN081769.D
 Acq: 17 Apr 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBSD01

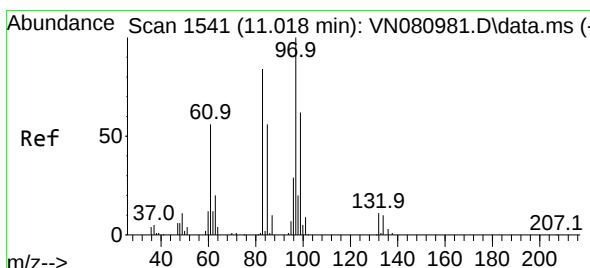
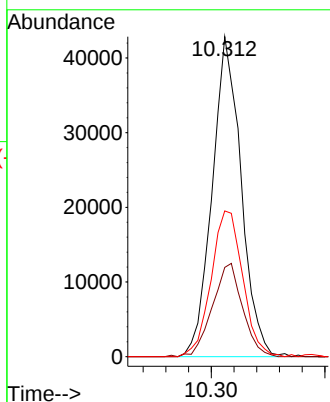
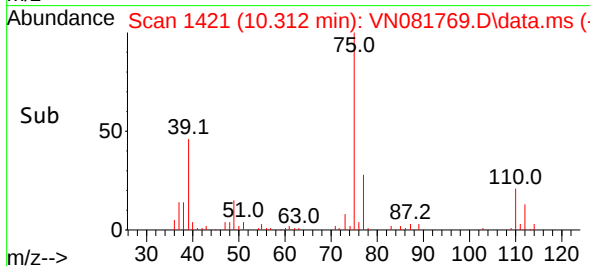


Tgt Ion: 75 Resp: 7570
 Ion Ratio Lower Upper
 75 100
 77 27.9 24.9 37.3
 39 45.6 31.0 46.6

Manual Integrations

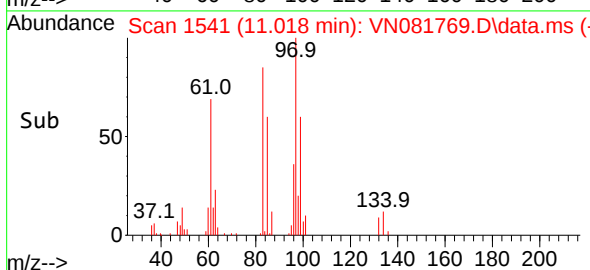
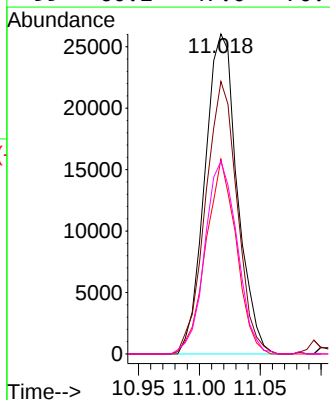
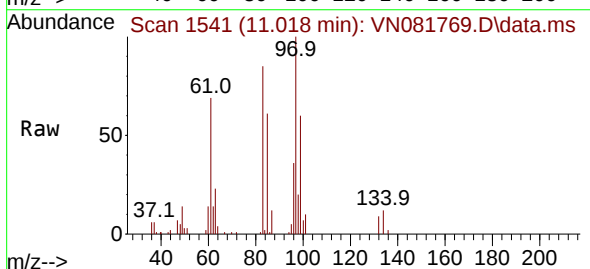
APPROVED

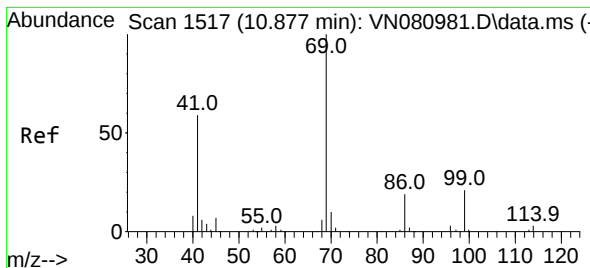
Reviewed By :John Carlone 04/18/2024
 Supervised By :Mahesh Dadoda 04/18/2024



#50
 1,1,2-Trichloroethane
 Concen: 22.564 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN081769.D
 Acq: 17 Apr 2024 12:40

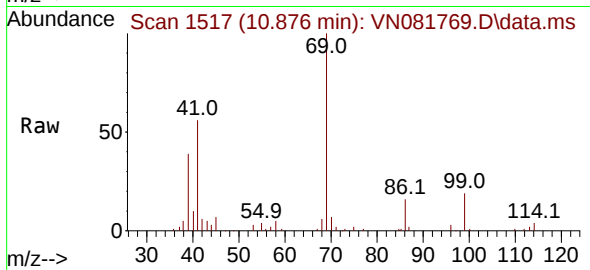
Tgt Ion: 97 Resp: 48391
 Ion Ratio Lower Upper
 97 100
 83 85.1 68.1 102.1
 85 60.9 41.8 62.6
 99 60.2 47.0 70.4





#51
Ethyl methacrylate
Concen: 21.695 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

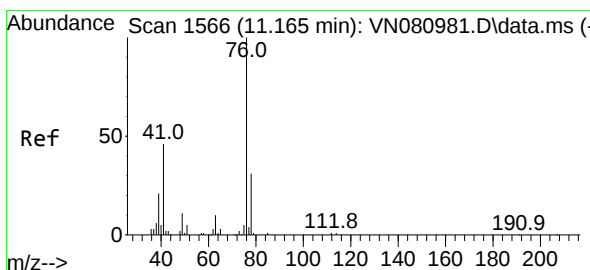
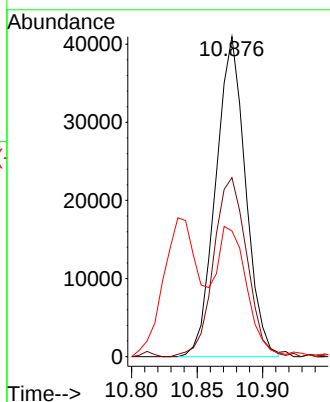
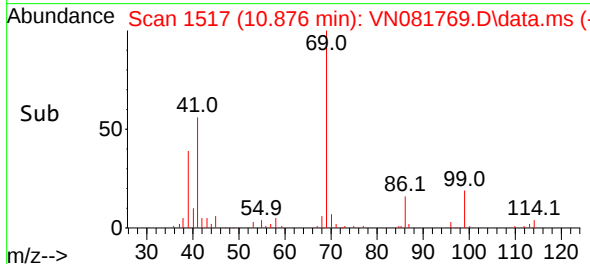
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 69 Resp: 64784
Ion Ratio Lower Upper
69 100
41 55.2 25.5 76.5
39 38.2 16.0 47.9

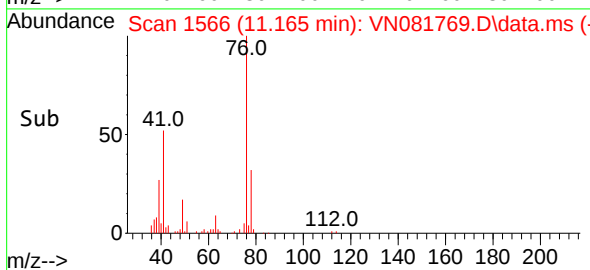
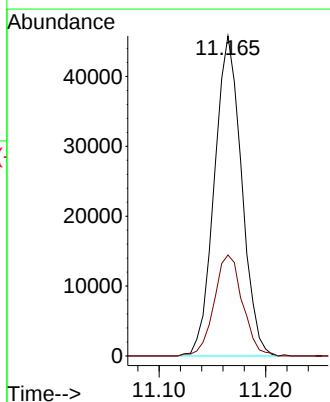
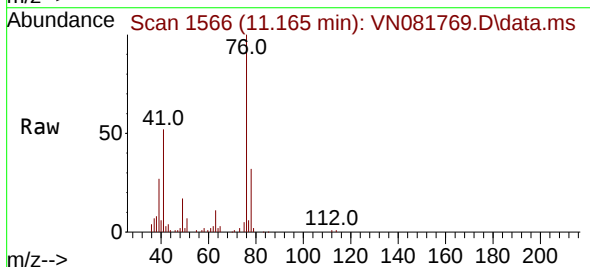
Manual Integrations
APPROVED

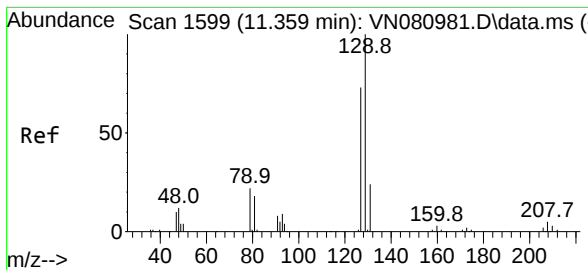
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#52
1,3-Dichloropropane
Concen: 23.109 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

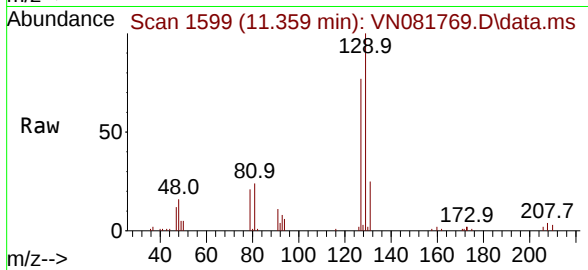
Tgt Ion: 76 Resp: 81232
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.8





#53
Dibromochloromethane
Concen: 22.291 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

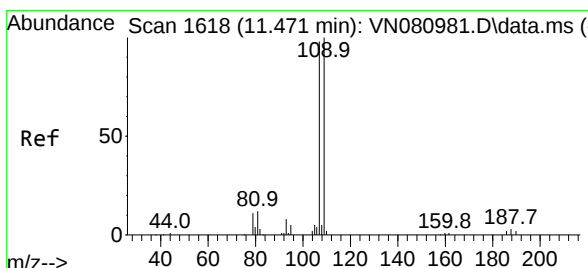
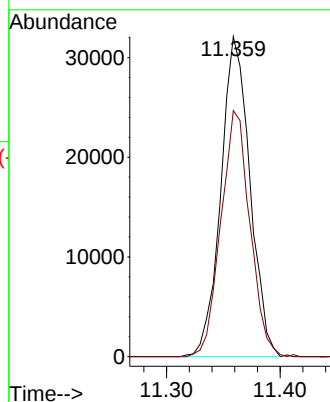
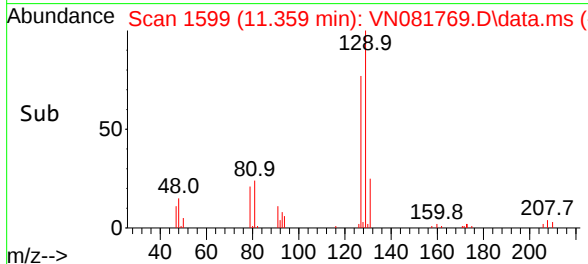
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



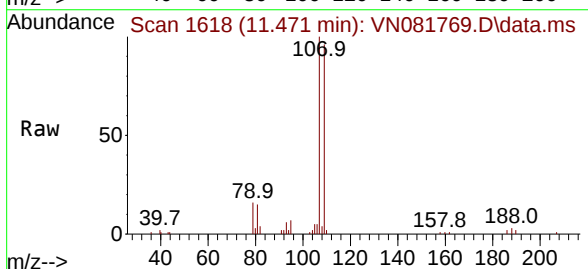
Tgt Ion:129 Resp: 5710
Ion Ratio Lower Upper
129 100
127 76.7 39.4 118.1

Manual Integrations
APPROVED

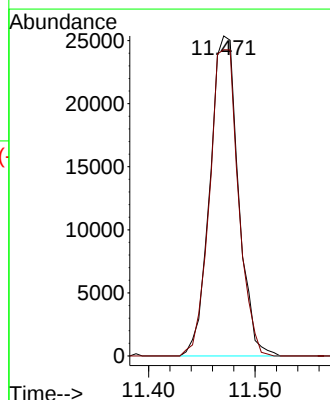
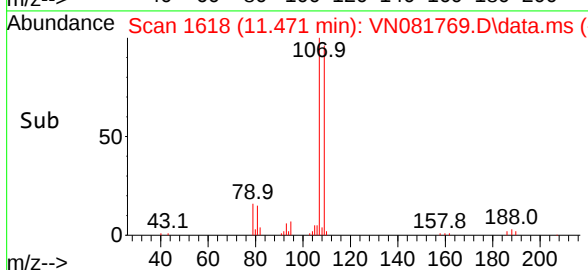
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

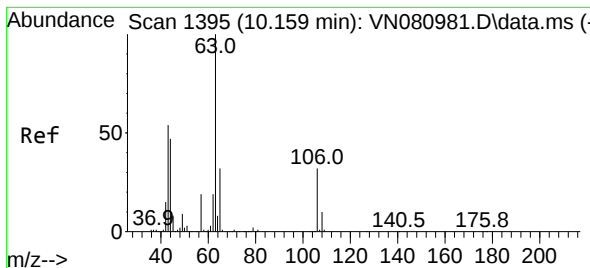


#54
1,2-Dibromoethane
Concen: 21.197 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40



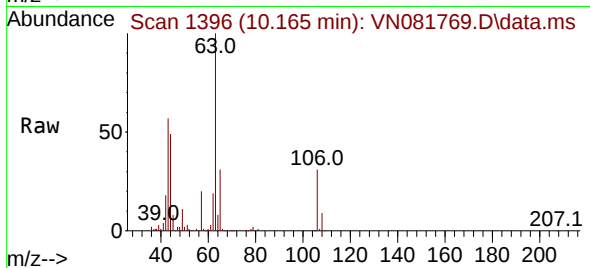
Tgt Ion:107 Resp: 46990
Ion Ratio Lower Upper
107 100
109 96.9 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 126.678 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

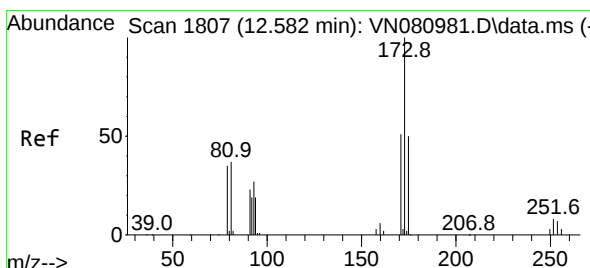
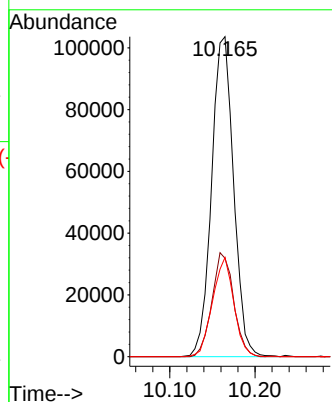
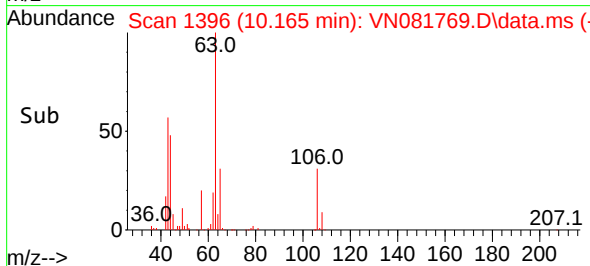
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 63 Resp: 185760
Ion Ratio Lower Upper
63 100
65 31.9 26.2 39.2
106 30.0 23.8 35.8

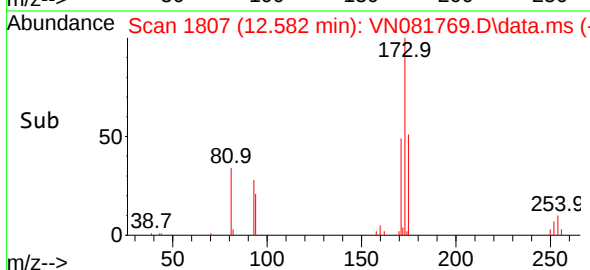
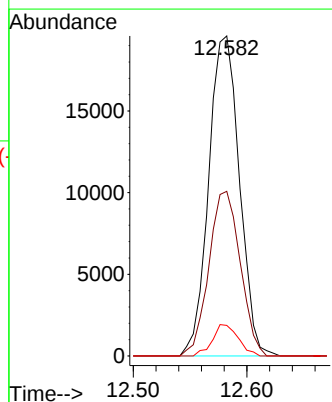
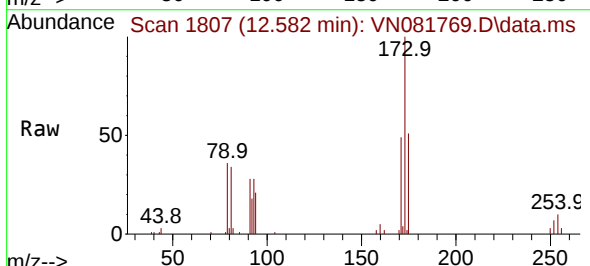
Manual Integrations
APPROVED

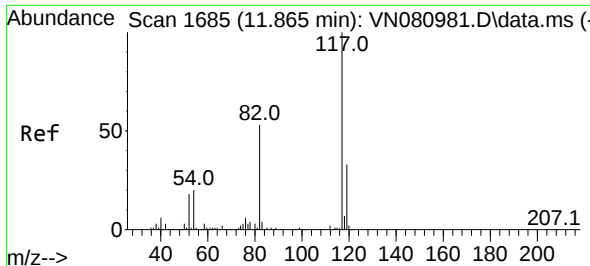
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#56
Bromoform
Concen: 22.494 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

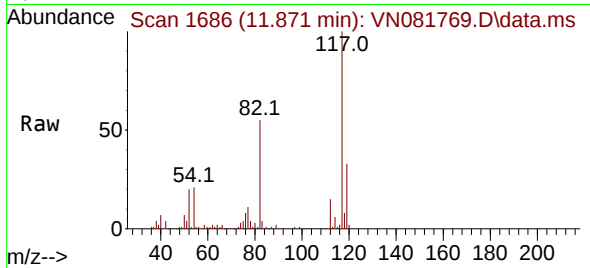
Tgt Ion:173 Resp: 36847
Ion Ratio Lower Upper
173 100
175 52.5 40.0 60.0
254 8.2 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

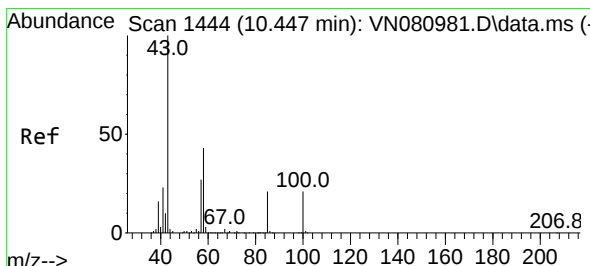
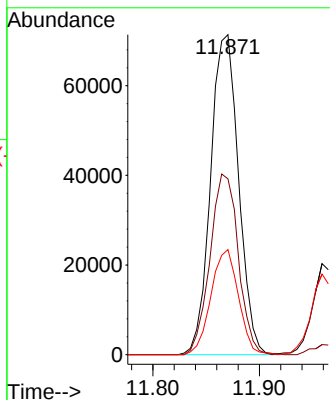
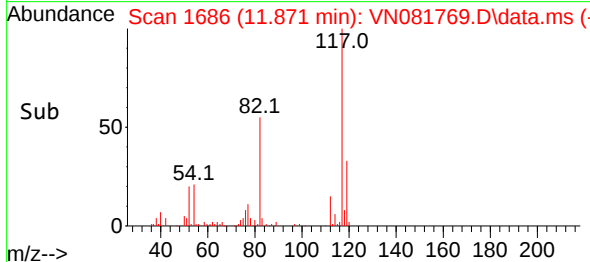
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 117 Resp: 130298
Ion Ratio Lower Upper
117 100
82 57.0 46.6 69.8
119 32.3 25.4 38.2

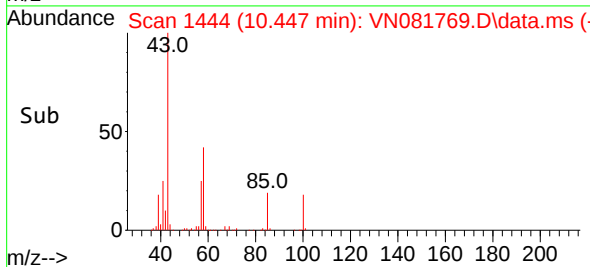
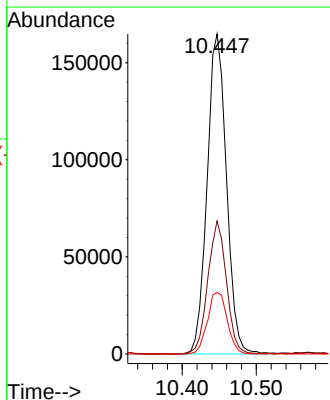
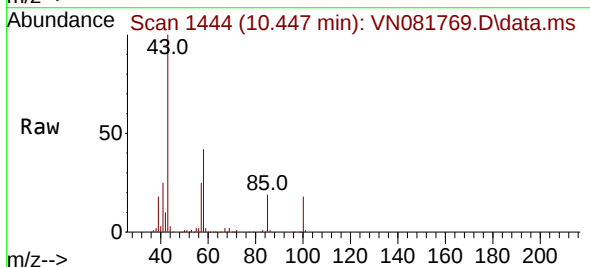
Manual Integrations
APPROVED

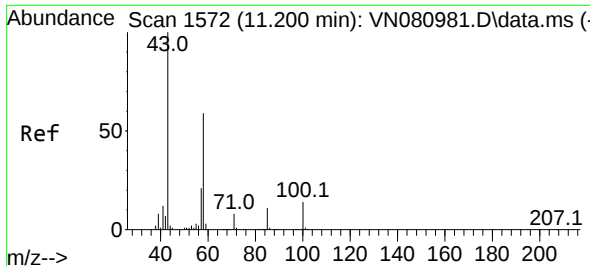
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#58
4-Methyl-2-Pentanone
Concen: 133.495 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 43 Resp: 299127
Ion Ratio Lower Upper
43 100
58 40.0 36.5 54.7
85 19.6 19.5 29.3





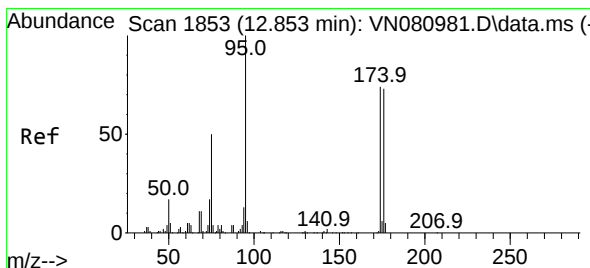
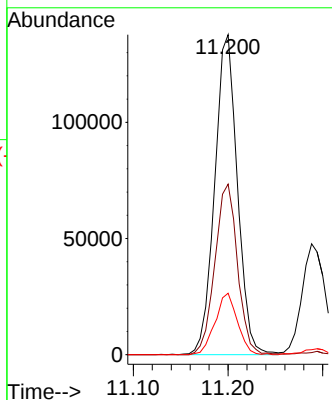
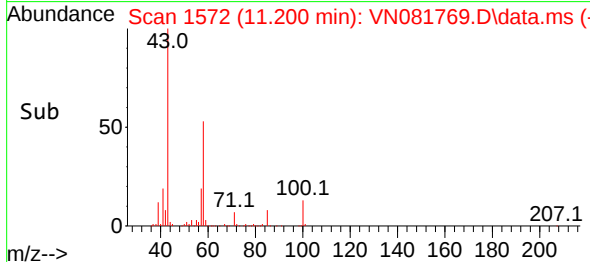
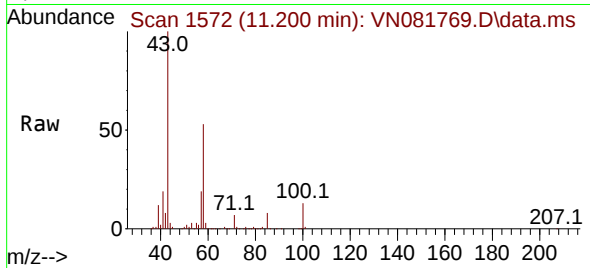
#59
2-Hexanone
Concen: 136.201 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion: 43 Resp: 22920
Ion Ratio Lower Upper
43 100
58 52.9 50.4 75.6
57 18.9 18.6 27.8

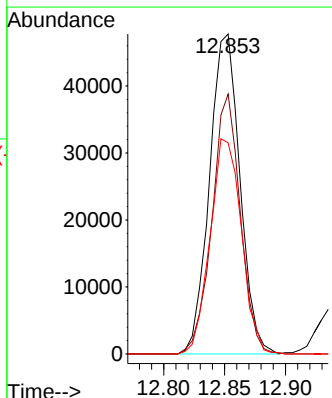
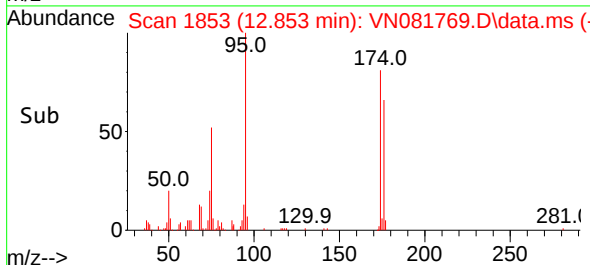
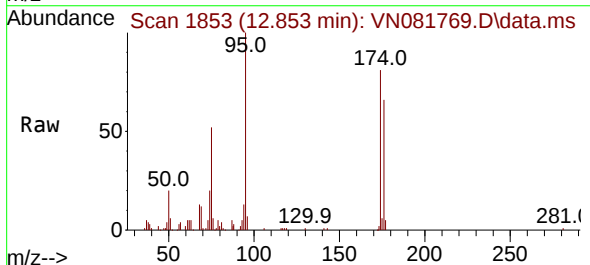
Manual Integrations
APPROVED

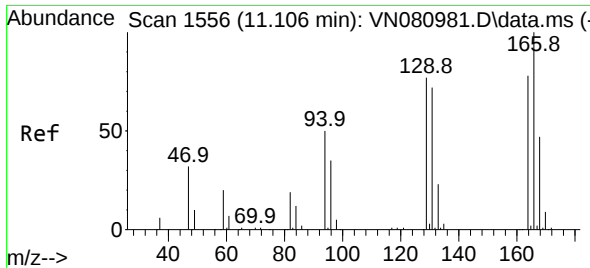
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#60
4-Bromofluorobenzene
Concen: 32.433 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

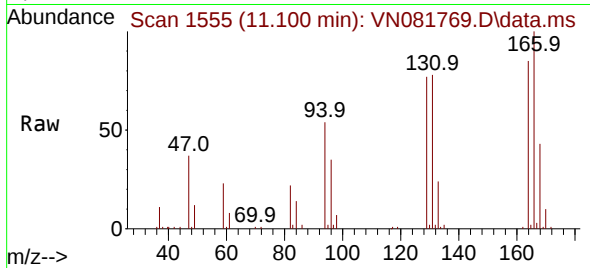
Tgt Ion: 95 Resp: 83084
Ion Ratio Lower Upper
95 100
174 75.4 60.5 90.7
176 69.0 57.8 86.6





#61
Tetrachloroethene
Concen: 21.519 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

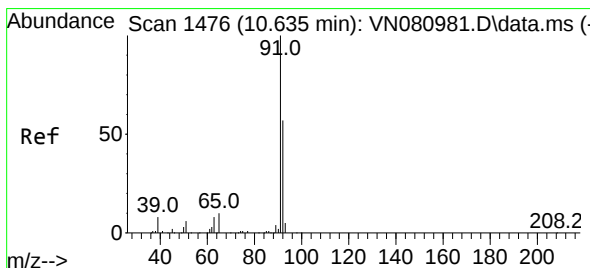
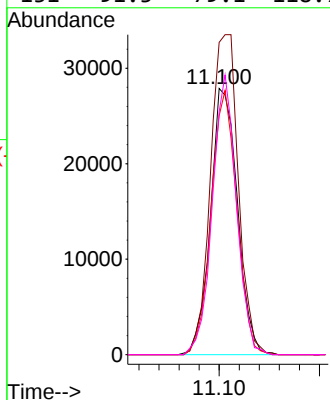
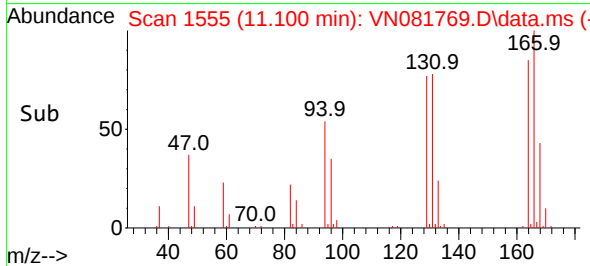
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



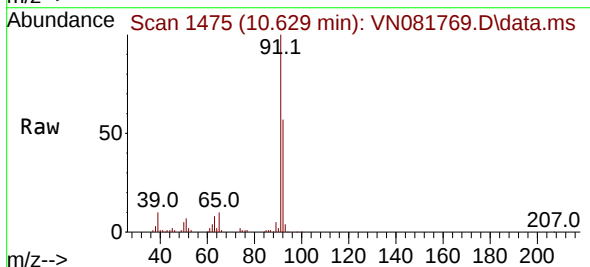
Tgt Ion:164 Resp: 5195
Ion Ratio Lower Upper
164 100
166 117.3 106.7 160.1
129 89.8 85.8 128.6
131 91.3 79.1 118.7

Manual Integrations
APPROVED

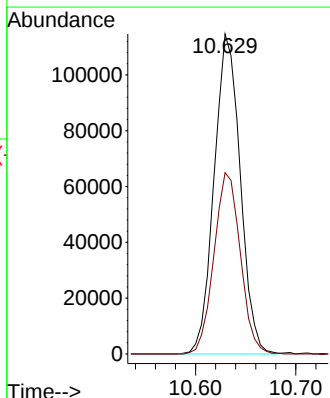
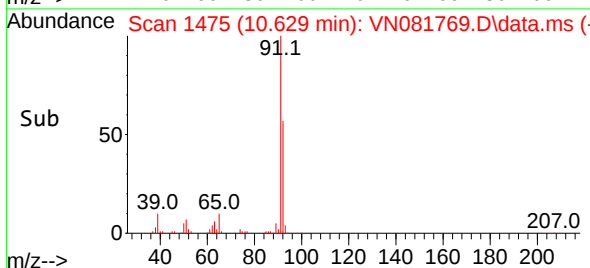
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

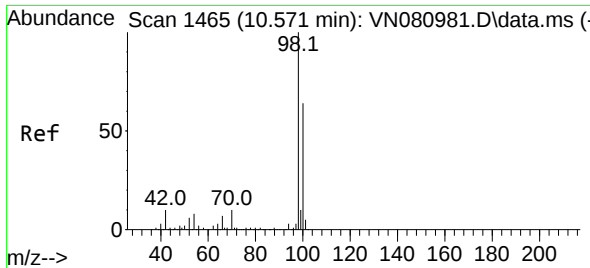


#62
Toluene
Concen: 21.855 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40



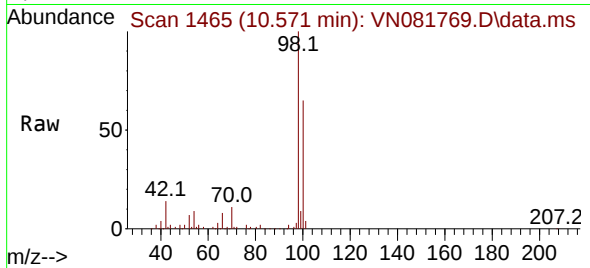
Tgt Ion: 91 Resp: 207177
Ion Ratio Lower Upper
91 100
92 57.2 46.5 69.7





#63
Toluene-d8
Concen: 31.596 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

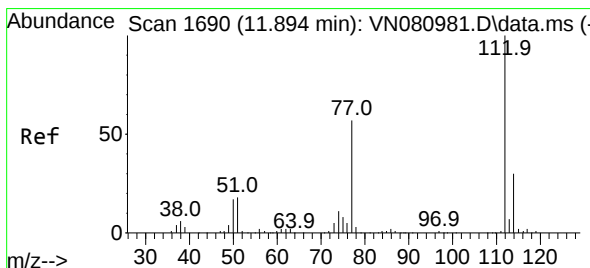
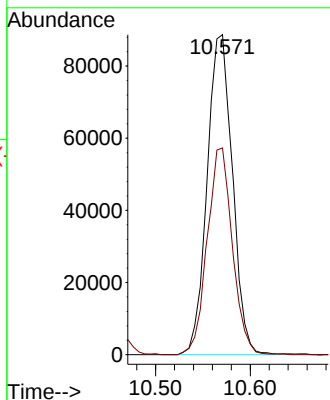
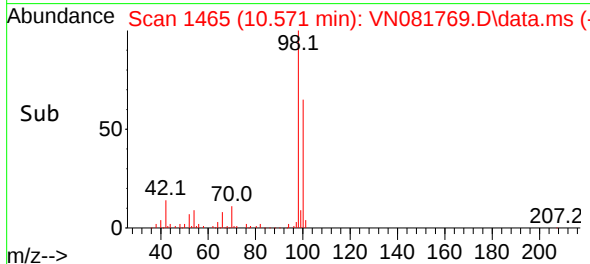
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



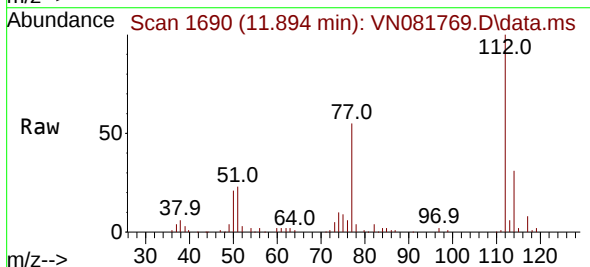
Tgt Ion: 98 Resp: 165139
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1

Manual Integrations
APPROVED

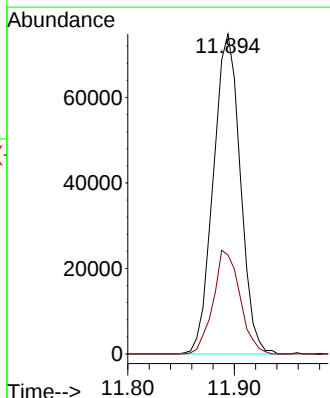
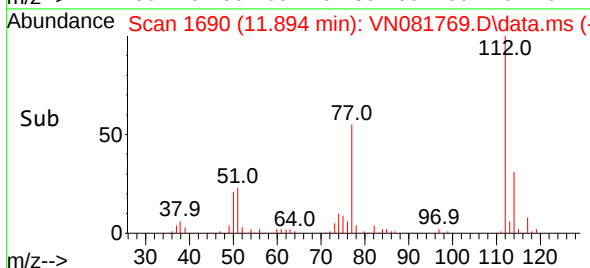
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

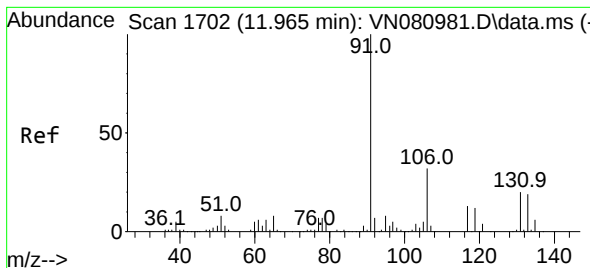


#64
Chlorobenzene
Concen: 21.898 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40



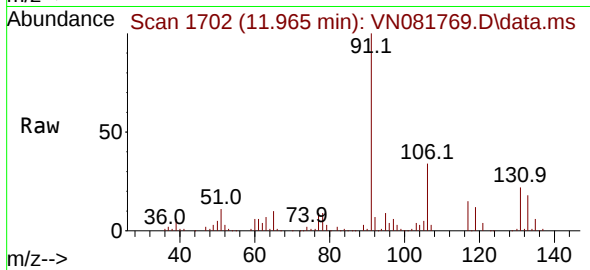
Tgt Ion:112 Resp: 131630
Ion Ratio Lower Upper
112 100
114 31.0 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 22.670 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

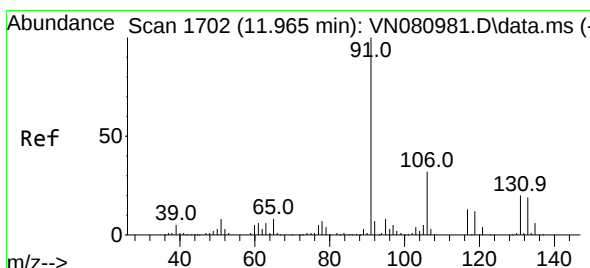
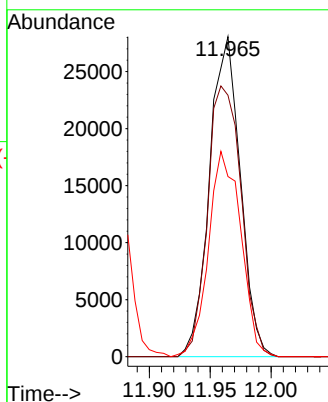
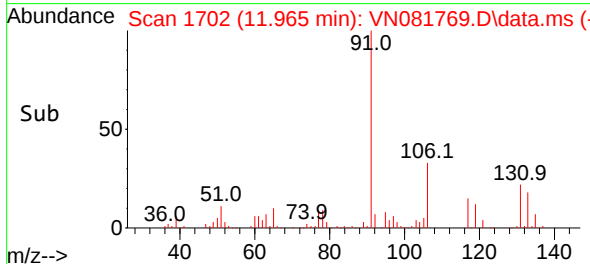
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion:131 Resp: 49500
Ion Ratio Lower Upper
131 100
133 92.1 0.0 188.0
119 67.3 0.0 122.8

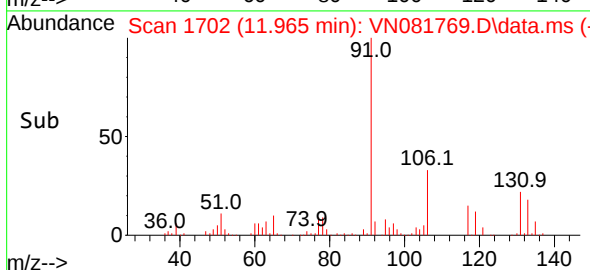
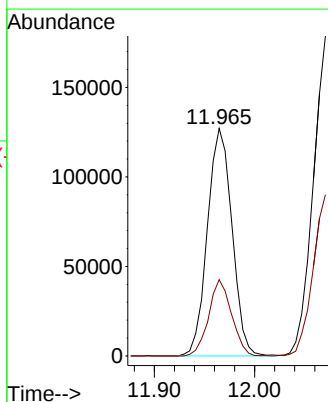
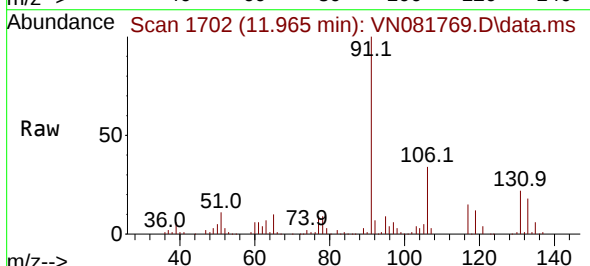
Manual Integrations
APPROVED

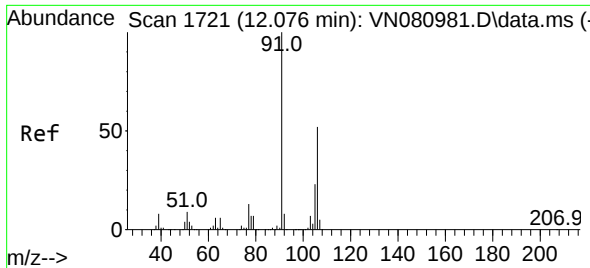
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#66
Ethyl Benzene
Concen: 21.557 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 91 Resp: 217264
Ion Ratio Lower Upper
91 100
106 33.5 24.4 36.6





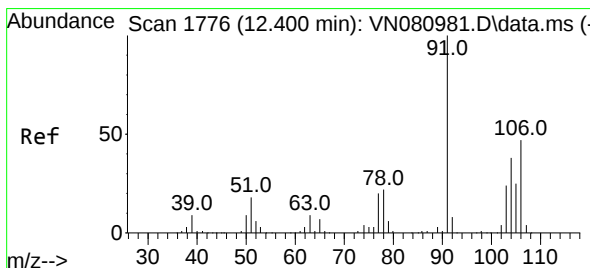
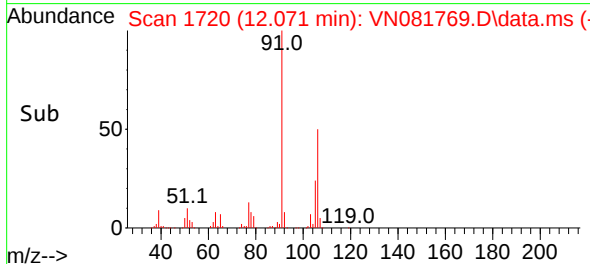
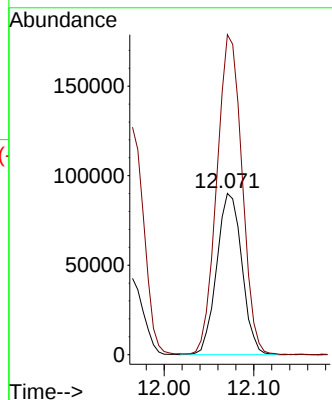
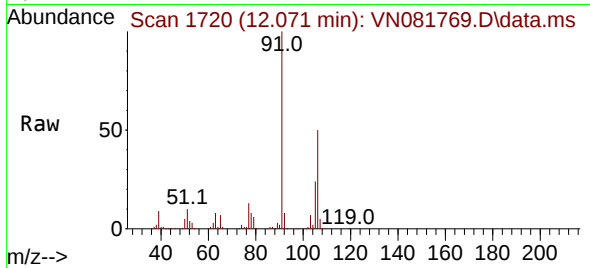
#67
m/p-Xylenes
Concen: 43.956 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion:106 Resp: 17548
Ion Ratio Lower Upper
106 100
91 198.9 166.6 249.8

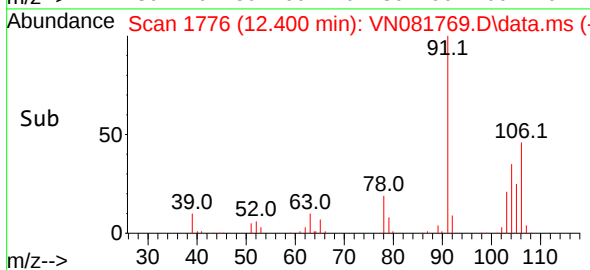
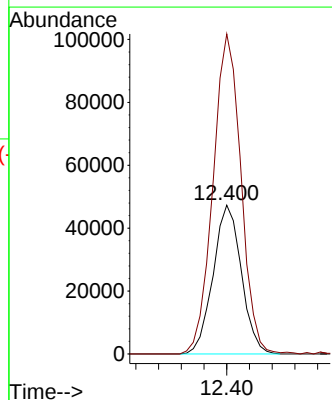
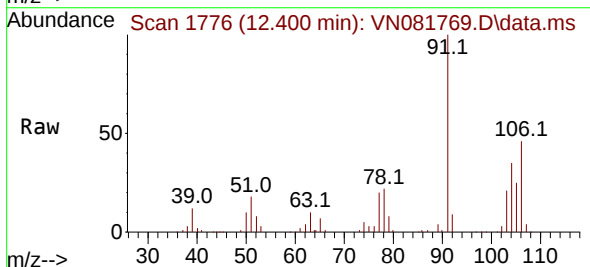
Manual Integrations
APPROVED

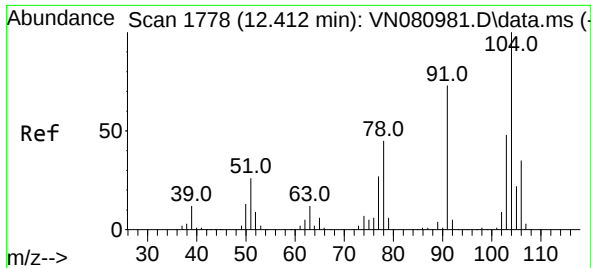
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#68
o-Xylene
Concen: 21.545 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion:106 Resp: 81655
Ion Ratio Lower Upper
106 100
91 212.4 110.0 330.0





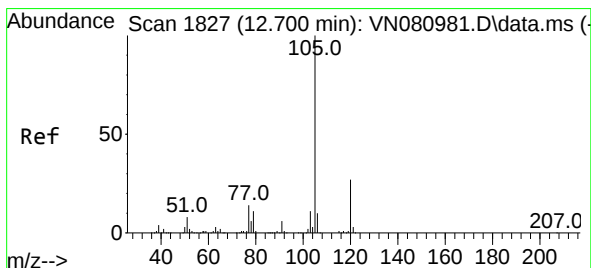
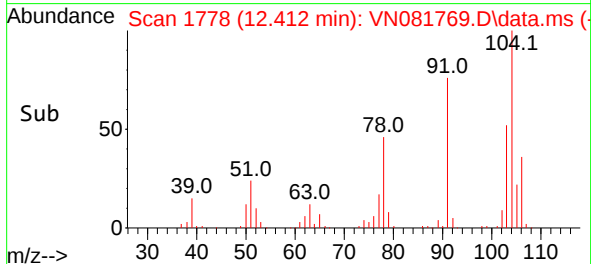
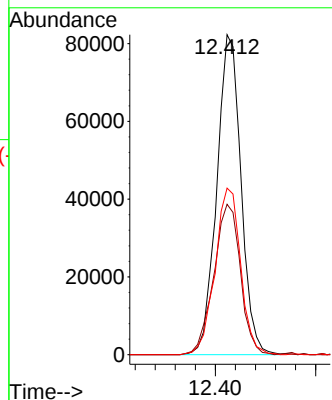
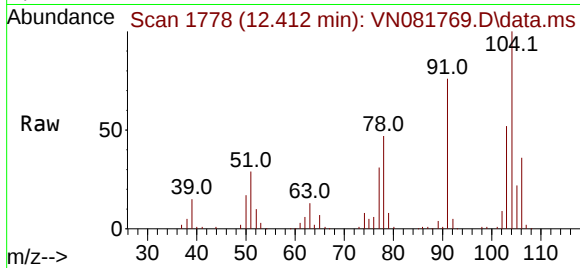
#69
Styrene
Concen: 21.348 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion:104 Resp: 137789
Ion Ratio Lower Upper
104 100
78 51.7 42.6 64.0
103 54.9 43.7 65.5

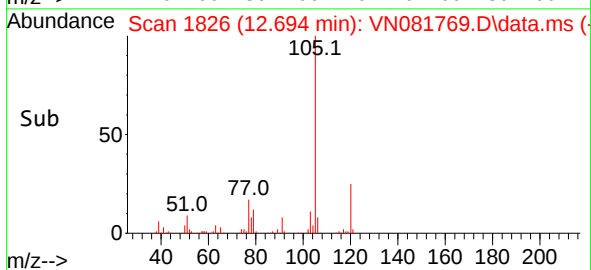
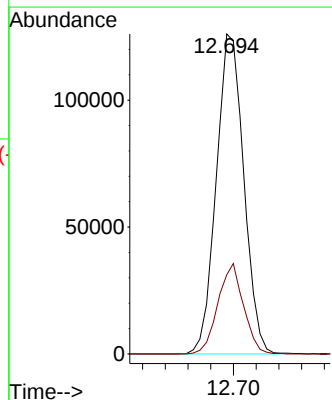
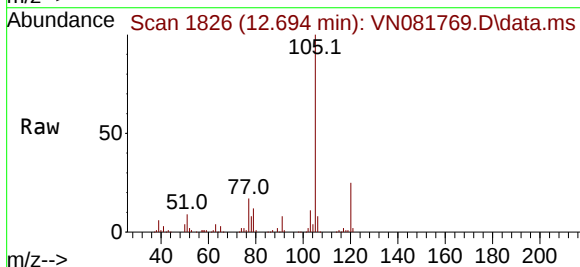
Manual Integrations
APPROVED

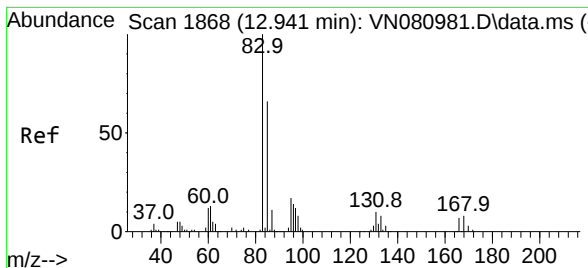
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#70
Isopropylbenzene
Concen: 21.681 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

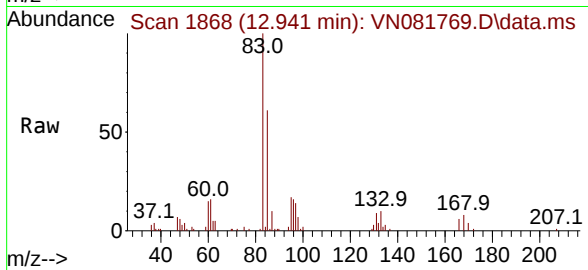
Tgt Ion:105 Resp: 211986
Ion Ratio Lower Upper
105 100
120 26.2 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 26.450 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

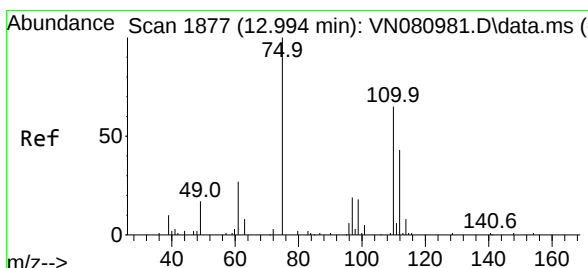
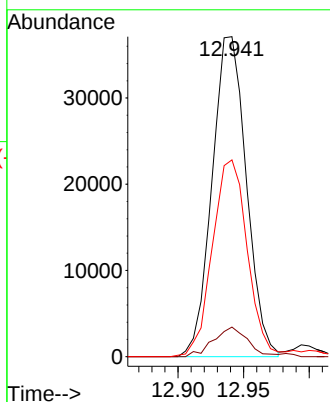
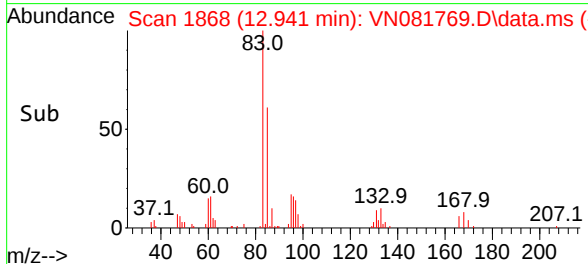
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 83 Resp: 67558
Ion Ratio Lower Upper
83 100
131 9.2 5.2 15.6
85 62.3 32.3 96.8

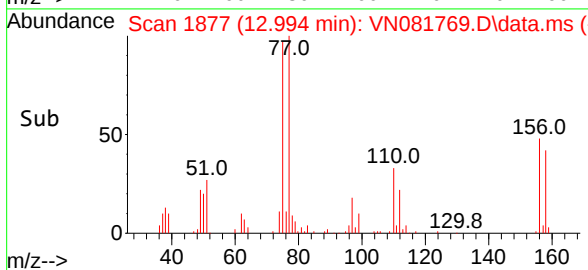
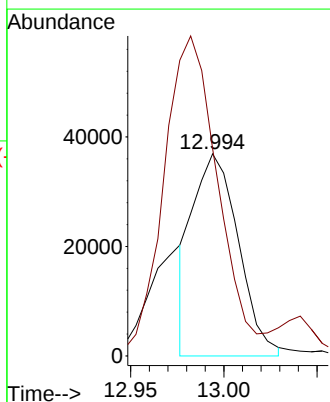
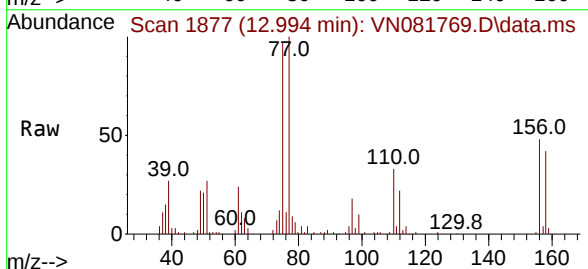
Manual Integrations
APPROVED

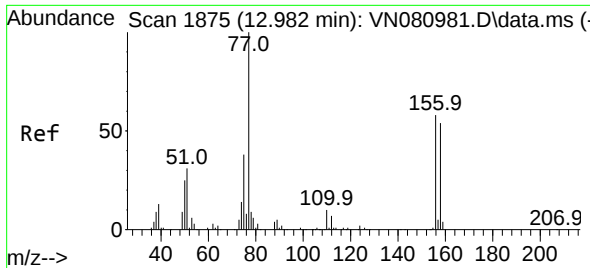
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#72
1,2,3-Trichloropropane
Concen: 26.530 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 75 Resp: 62732
Ion Ratio Lower Upper
75 100
77 187.3 0.0 367.6





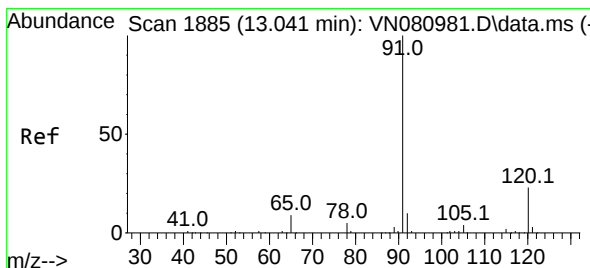
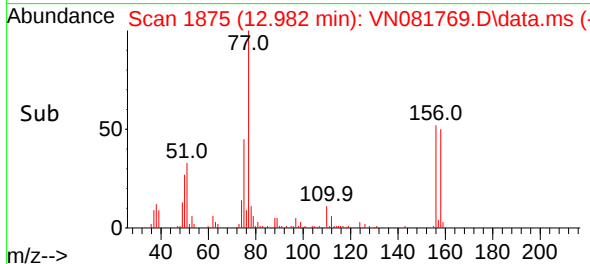
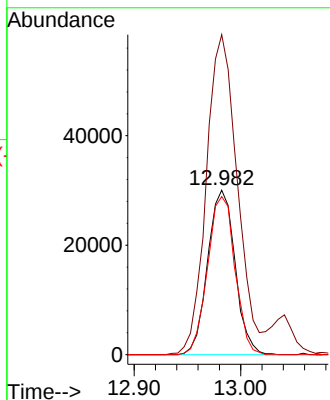
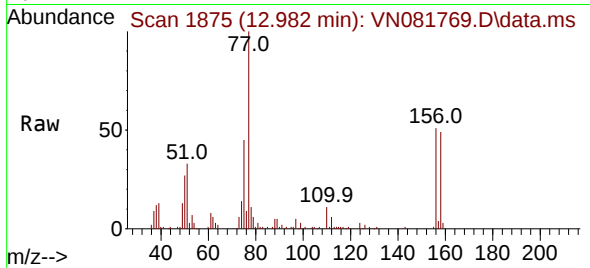
#73
Bromobenzene
Concen: 22.157 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion:156 Resp: 53680
Ion Ratio Lower Upper
156 100
77 218.8 0.0 437.6
158 96.1 0.0 203.8

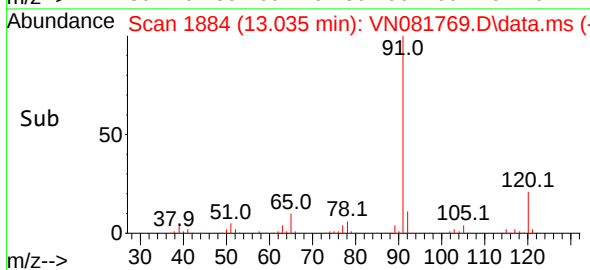
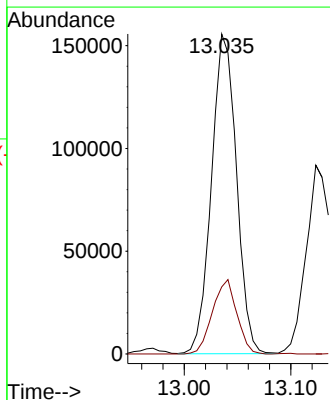
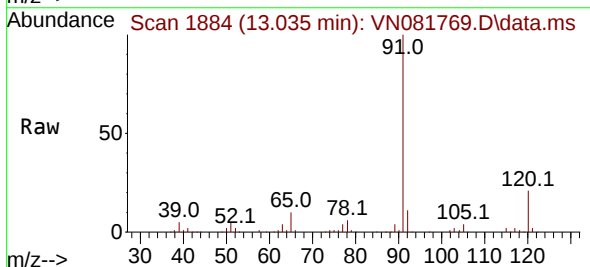
Manual Integrations
APPROVED

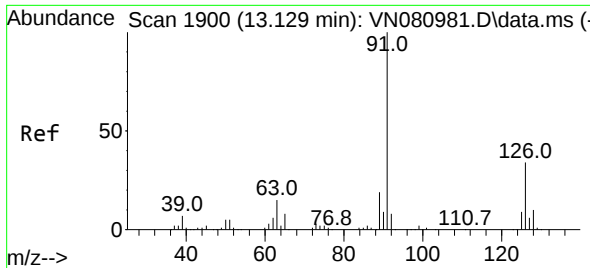
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#74
n-propylbenzene
Concen: 21.698 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 91 Resp: 253943
Ion Ratio Lower Upper
91 100
120 22.6 0.0 43.8





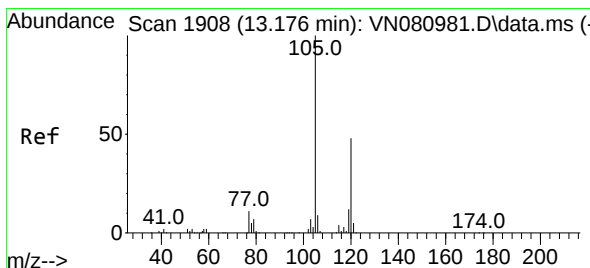
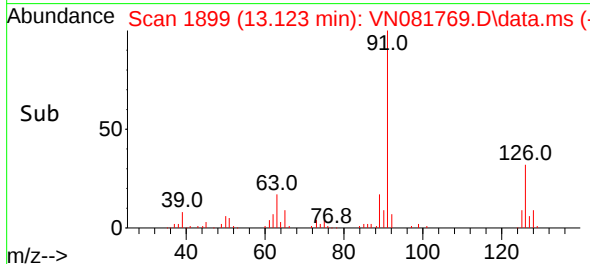
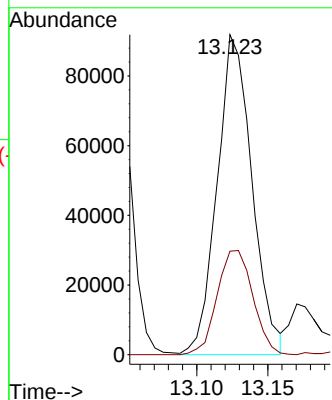
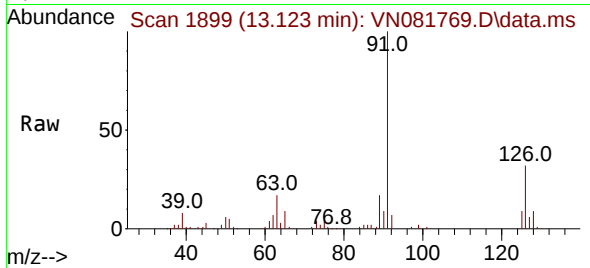
#75
2-Chlorotoluene
Concen: 22.479 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion: 91 Resp: 156739
Ion Ratio Lower Upper
91 100
126 33.4 0.0 61.2

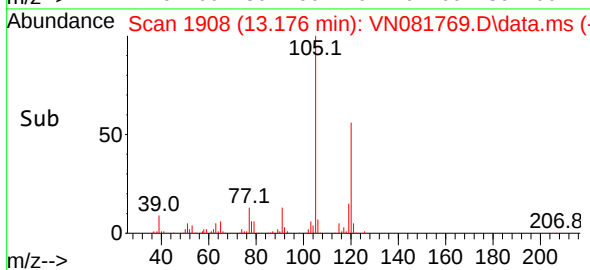
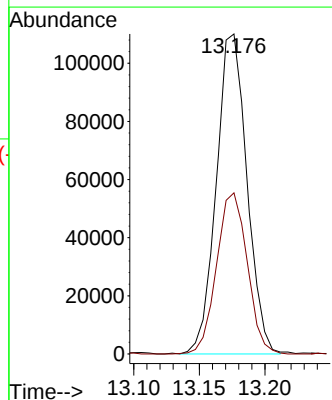
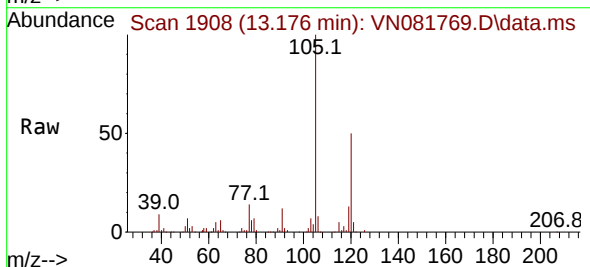
Manual Integrations
APPROVED

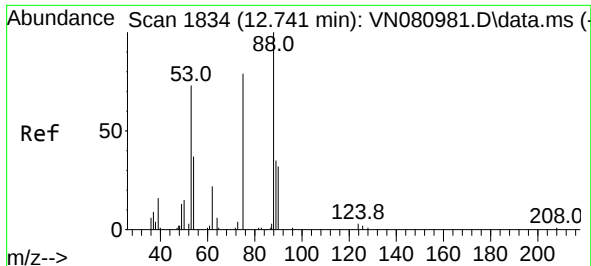
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#76
1,3,5-Trimethylbenzene
Concen: 21.523 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

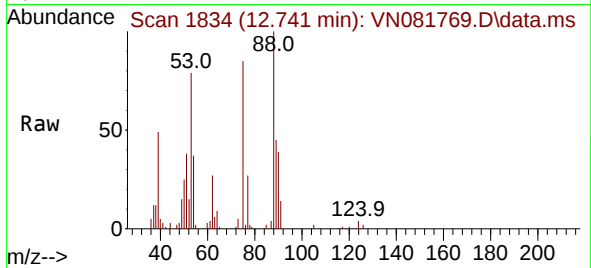
Tgt Ion:105 Resp: 178618
Ion Ratio Lower Upper
105 100
120 50.4 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 23.958 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

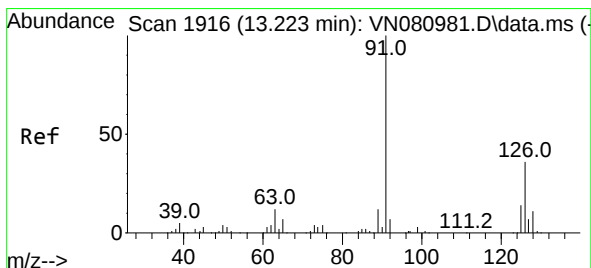
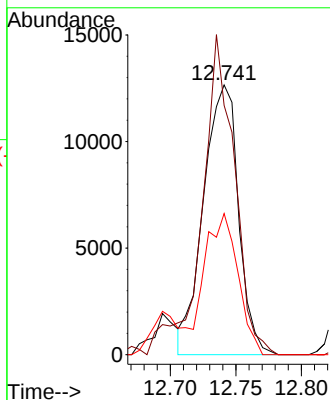
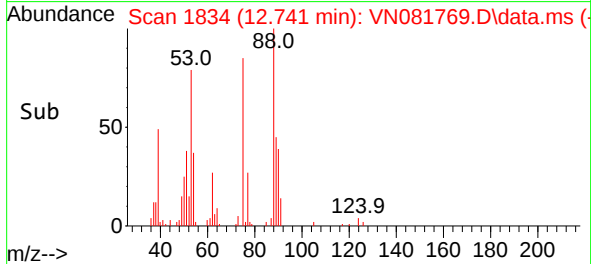
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 75 Resp: 2346
Ion Ratio Lower Upper
75 100
53 92.4 45.9 137.7
89 52.3 25.9 77.7

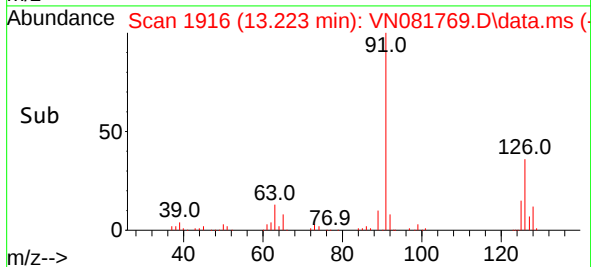
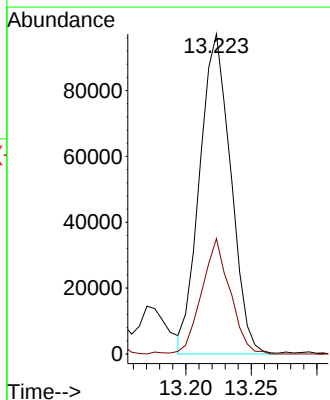
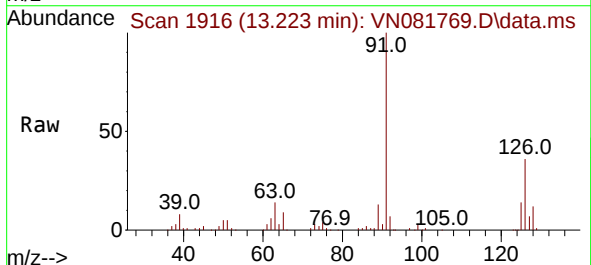
Manual Integrations
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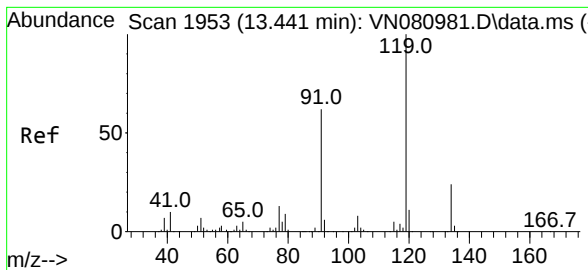
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#78
4-Chlorotoluene
Concen: 23.183 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion: 91 Resp: 160327
Ion Ratio Lower Upper
91 100
126 32.8 0.0 62.8





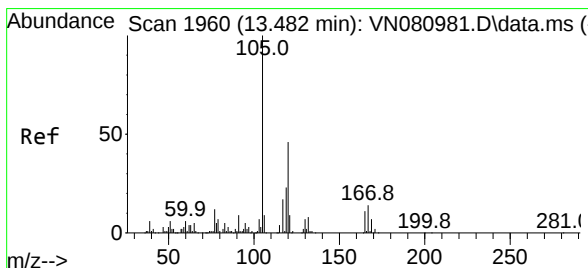
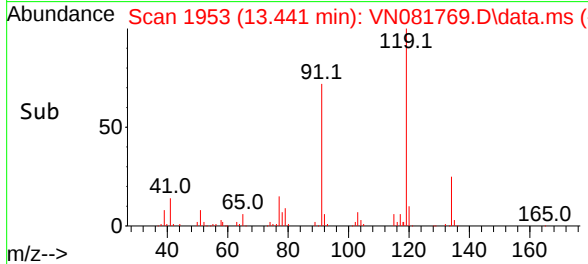
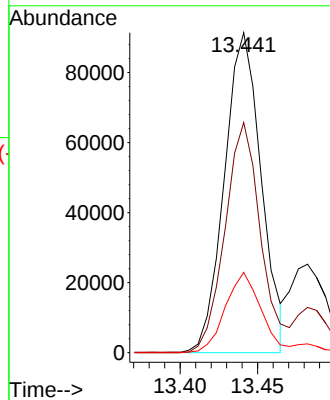
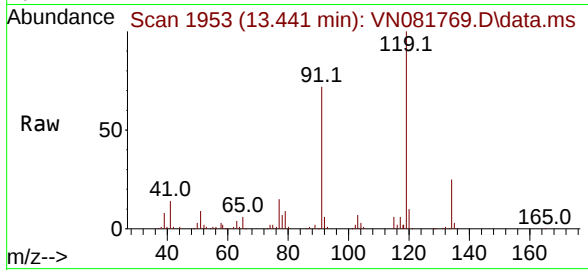
#79
tert-butylbenzene
Concen: 21.412 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01

Tgt Ion:119 Resp: 151170
Ion Ratio Lower Upper
119 100
91 69.8 0.0 138.8
134 24.2 0.0 48.6

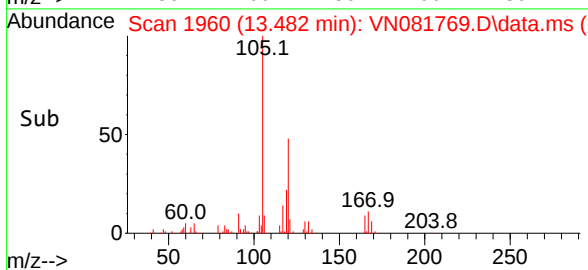
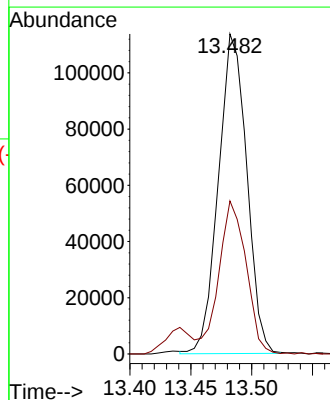
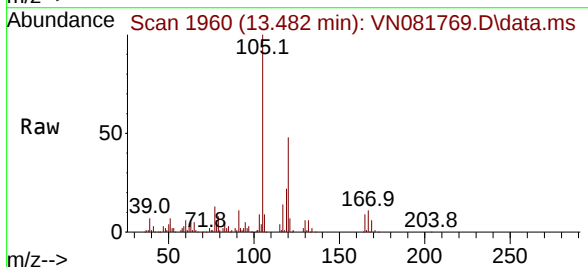
Manual Integrations
APPROVED

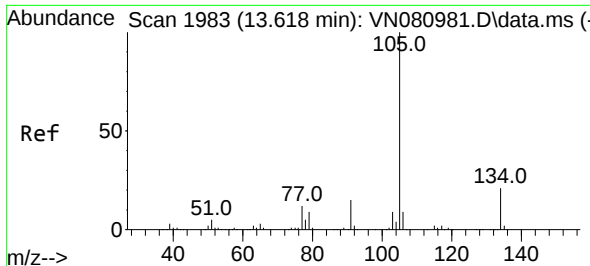
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#80
1,2,4-Trimethylbenzene
Concen: 22.268 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion:105 Resp: 184295
Ion Ratio Lower Upper
105 100
120 46.4 0.0 86.8





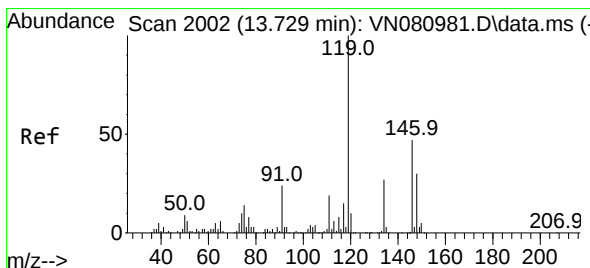
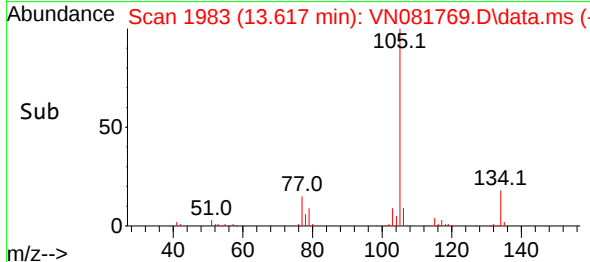
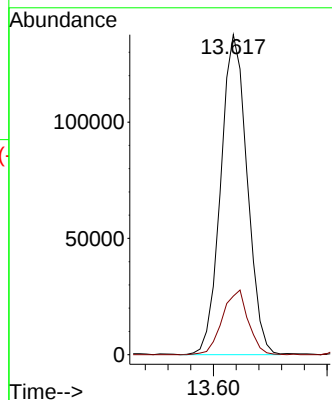
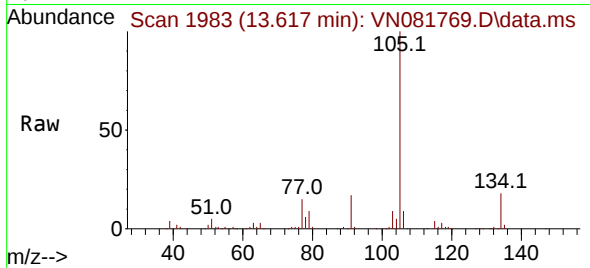
#81
 sec-Butylbenzene
 Concen: 21.853 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081769.D
 Acq: 17 Apr 2024 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBSD01

Tgt Ion:105 Resp: 222510
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.0

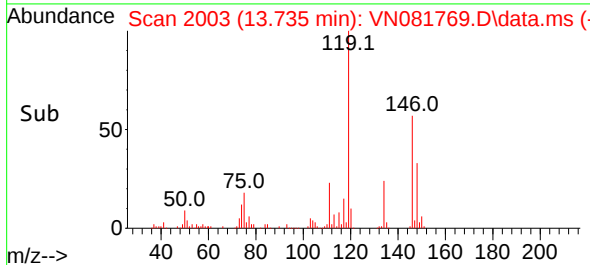
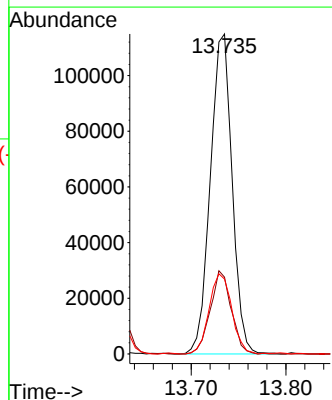
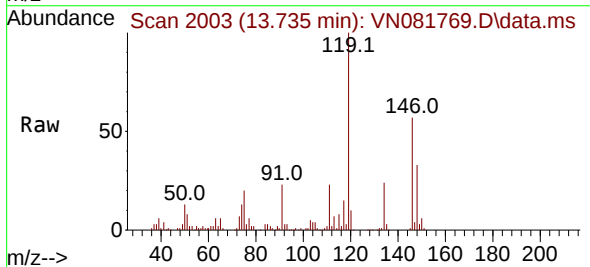
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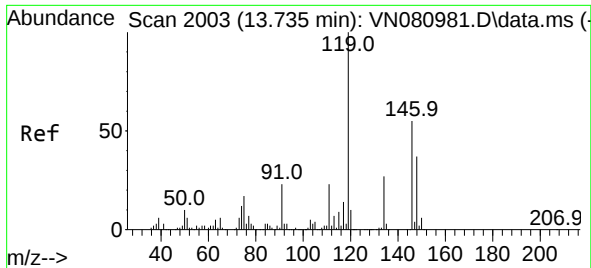
Reviewed By :John Carlone 04/18/2024
 Supervised By :Mahesh Dadoda 04/18/2024



#82
 p-Isopropyltoluene
 Concen: 21.537 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081769.D
 Acq: 17 Apr 2024 12:40

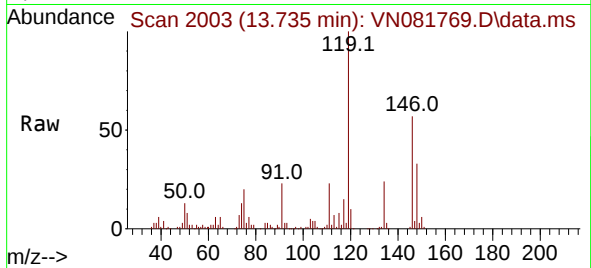
Tgt Ion:119 Resp: 183911
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 49.2
 91 26.0 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 23.518 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

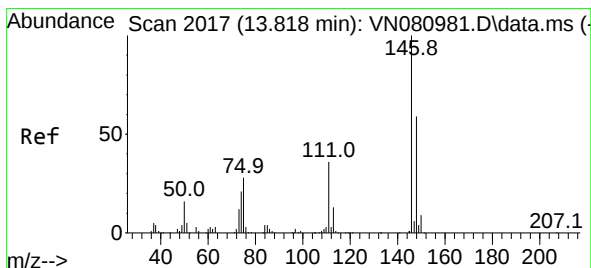
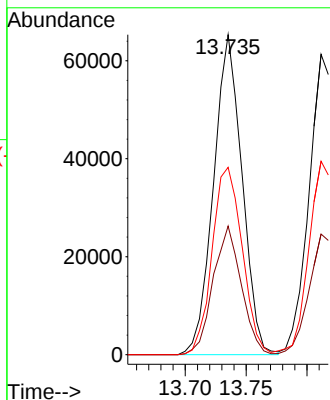
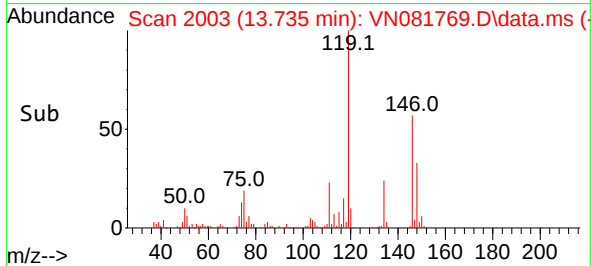
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



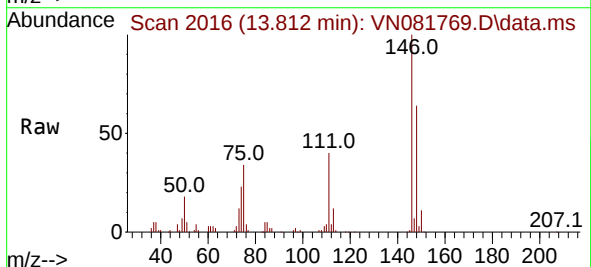
Tgt Ion:146 Resp: 106485
Ion Ratio Lower Upper
146 100
111 39.8 22.4 67.0
148 61.8 32.1 96.5

Manual Integrations
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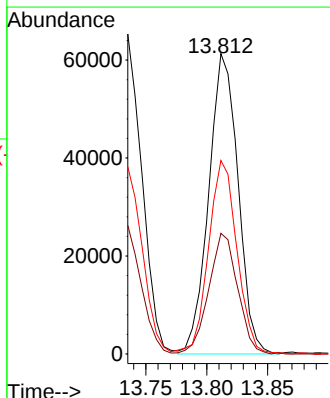
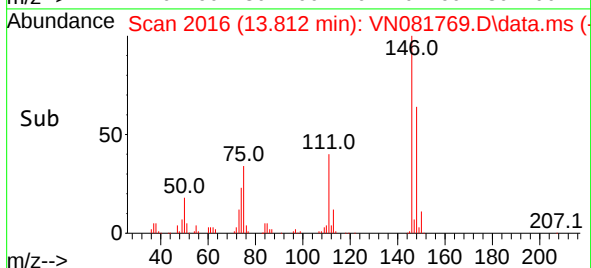
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

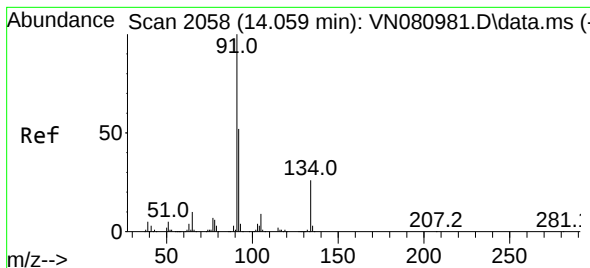


#84
1,4-Dichlorobenzene
Concen: 23.455 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40



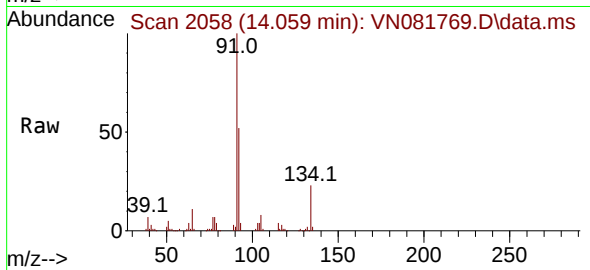
Tgt Ion:146 Resp: 102804
Ion Ratio Lower Upper
146 100
111 39.6 21.3 63.9
148 62.6 31.9 95.5





#85
n-Butylbenzene
Concen: 21.403 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

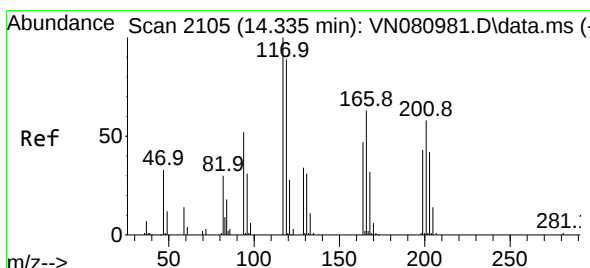
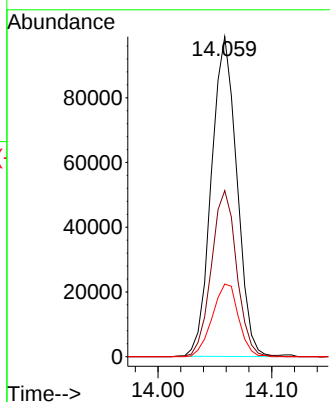
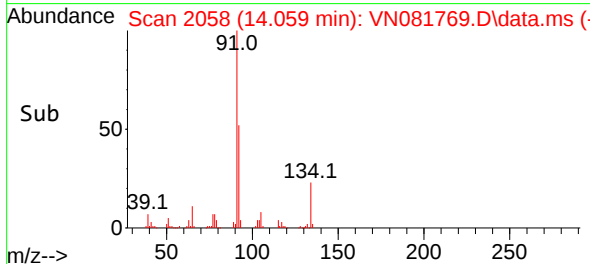
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion: 91 Resp: 153952
Ion Ratio Lower Upper
91 100
92 51.6 0.0 105.0
134 23.4 0.0 51.8

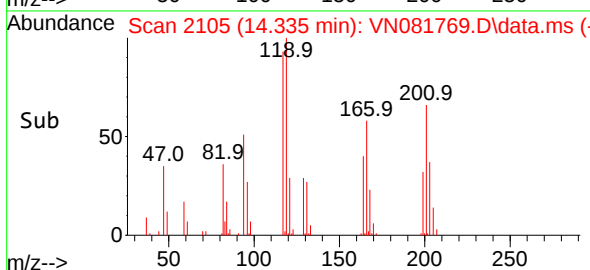
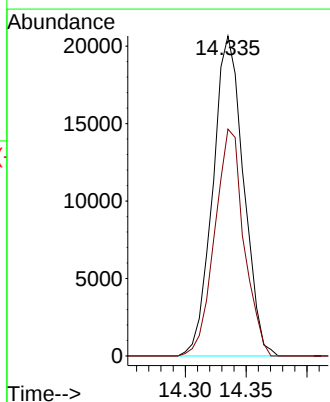
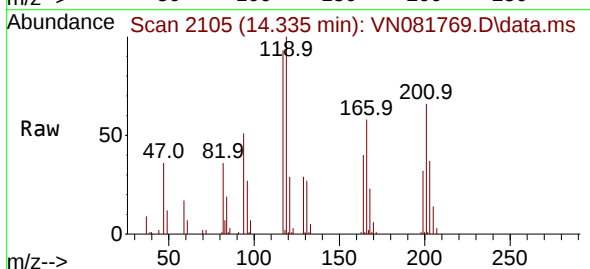
Manual Integrations
APPROVED

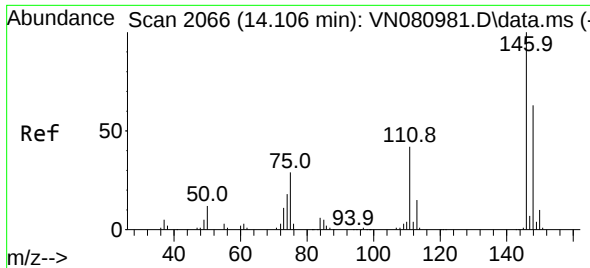
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#86
Hexachloroethane
Concen: 22.198 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

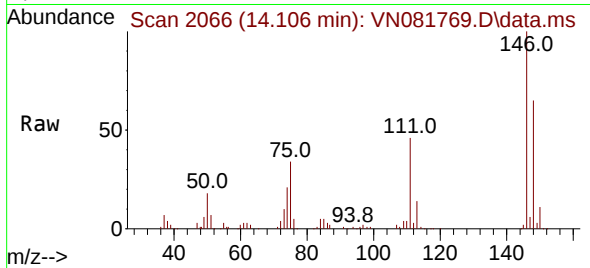
Tgt Ion:117 Resp: 36214
Ion Ratio Lower Upper
117 100
201 67.6 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 24.247 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

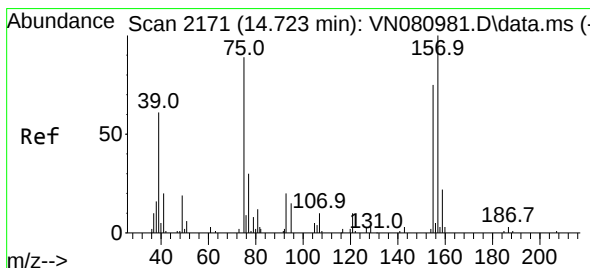
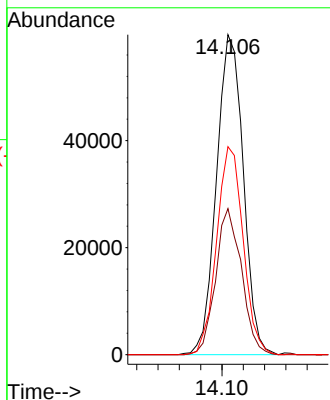
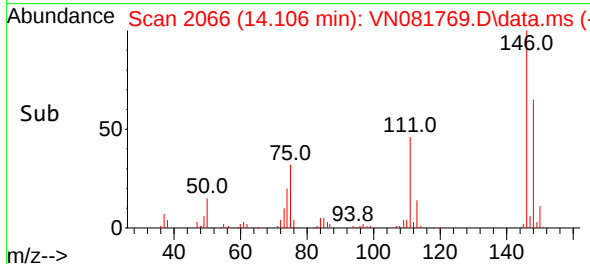
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



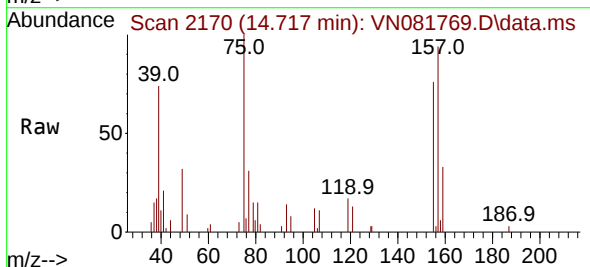
Tgt Ion:146 Resp: 104499
Ion Ratio Lower Upper
146 100
111 44.0 22.6 67.8
148 64.4 31.3 93.8

Manual Integrations
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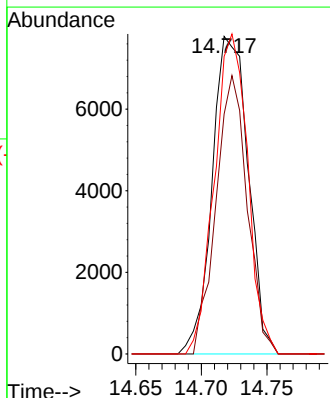
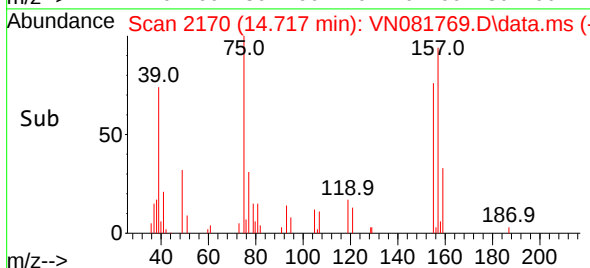
Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024

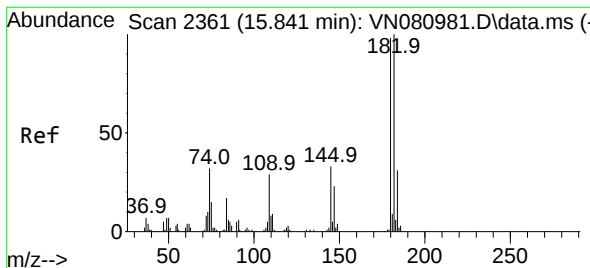


#88
1,2-Dibromo-3-Chloropropane
Concen: 26.624 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40



Tgt Ion: 75 Resp: 14824
Ion Ratio Lower Upper
75 100
155 76.4 61.7 92.5
157 93.4 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 22.832 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081769.D

Acq: 17 Apr 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBSD01

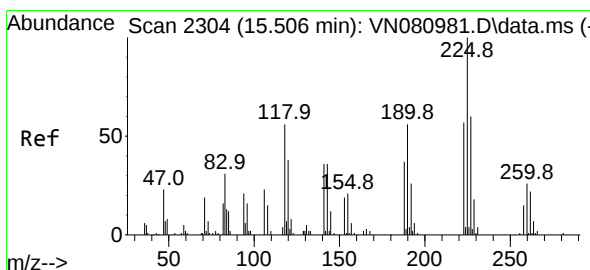
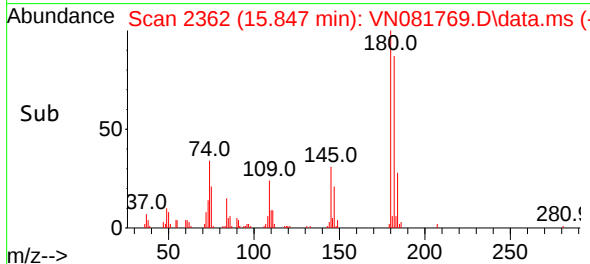
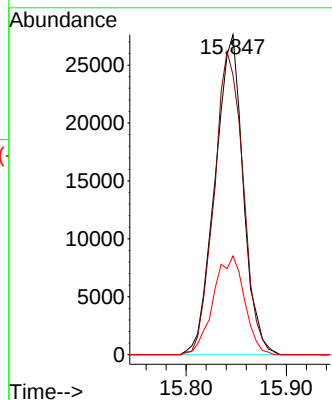
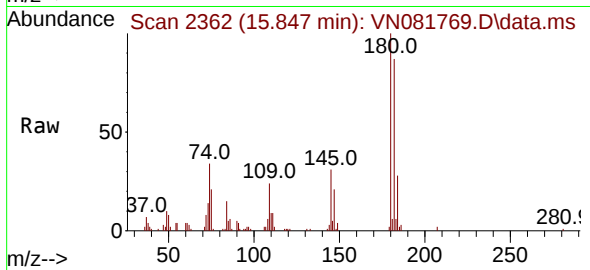
Tgt Ion:180	Resp:	53930
Ion Ratio	Lower	Upper
180	100	
182	97.5	76.4 114.6
145	34.0	28.4 42.6

Manual Integrations

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Reviewed By :John Carlone 04/18/2024

Supervised By :Mahesh Dadoda 04/18/2024



#90

Hexachlorobutadiene

Concen: 22.704 ug/l

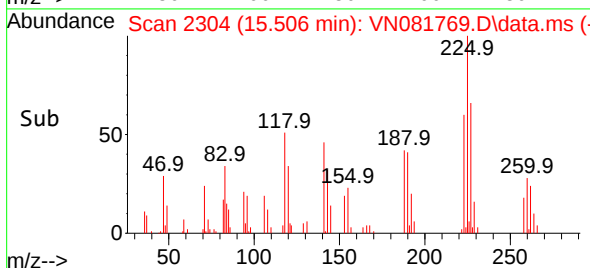
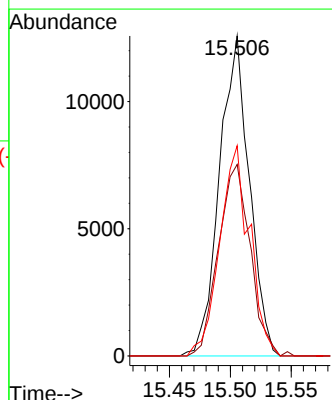
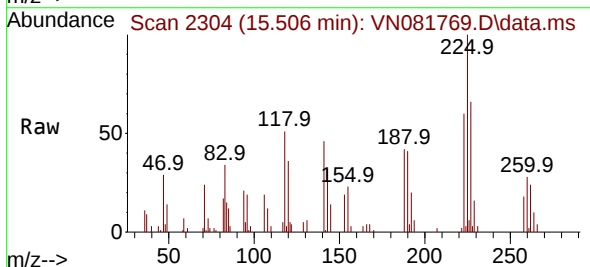
RT: 15.506 min Scan# 2304

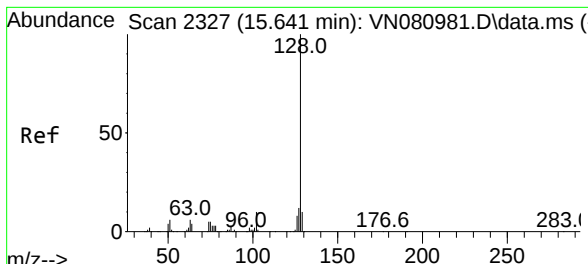
Delta R.T. 0.000 min

Lab File: VN081769.D

Acq: 17 Apr 2024 12:40

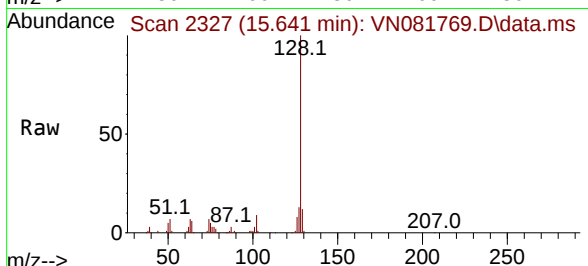
Tgt Ion:225	Resp:	21493
Ion Ratio	Lower	Upper
225	100	
223	63.4	0.0 126.6
227	65.5	0.0 126.6





#91
Naphthalene
Concen: 22.218 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

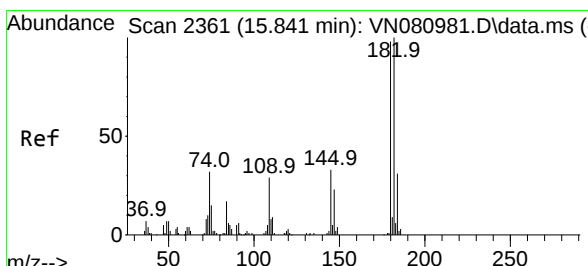
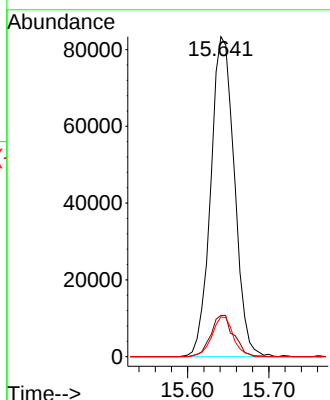
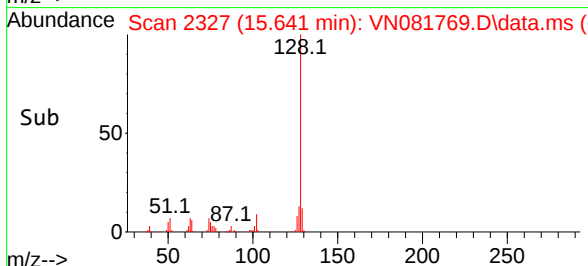
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBSD01



Tgt Ion:128 Resp: 168740
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 11.3 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 04/18/2024
Supervised By :Mahesh Dadoda 04/18/2024



#92
1,2,3-Trichlorobenzene
Concen: 22.832 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN081769.D
Acq: 17 Apr 2024 12:40

Tgt Ion:180 Resp: 53936
Ion Ratio Lower Upper
180 100
182 97.5 0.0 191.0
145 34.0 0.0 71.0

