

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082927.D
 Acq On : 15 Jul 2024 19:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2024
 Supervised By : Mahesh Dadoda 07/16/2024

Quant Time: Jul 16 01:26:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	113322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	192244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	184805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	92457	58.202	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.400%			
35) Dibromofluoromethane	8.171	113	71444	57.916	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.840%			
50) Toluene-d8	10.571	98	263826	57.905	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.800%#			
62) 4-Bromofluorobenzene	12.853	95	93149	56.915	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 113.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	77506	52.828	ug/l	96
3) Chloromethane	2.359	50	73571	52.877	ug/l	95
4) Vinyl Chloride	2.506	62	80144	54.846	ug/l	99
5) Bromomethane	2.924	94	46523	44.157	ug/l	98
6) Chloroethane	3.100	64	53810	53.812	ug/l	97
7) Trichlorofluoromethane	3.483	101	94728	45.072	ug/l	95
8) Diethyl Ether	3.959	74	32647	45.388	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.359	101	57321	48.189	ug/l	97
10) Methyl Iodide	4.577	142	51814	42.486	ug/l	98
11) Tert butyl alcohol	5.541	59	73032	273.340	ug/l	98
12) 1,1-Dichloroethene	4.330	96	52388	45.286	ug/l	84
13) Acrolein	4.183	56	54362	281.815	ug/l	100
14) Allyl chloride	5.018	41	87261	48.378	ug/l	91
15) Acrylonitrile	5.724	53	184207	299.996	ug/l	99
16) Acetone	4.430	43	146097	261.221	ug/l	90
17) Carbon Disulfide	4.700	76	143575	41.534	ug/l	100
18) Methyl Acetate	5.030	43	87462	59.099	ug/l #	91
19) Methyl tert-butyl Ether	5.800	73	201301	50.445	ug/l	98
20) Methylene Chloride	5.271	84	65561	48.539	ug/l	85
21) trans-1,2-Dichloroethene	5.777	96	61386	48.973	ug/l	89
22) Diisopropyl ether	6.677	45	230954	61.203	ug/l	97
23) Vinyl Acetate	6.606	43	927855	309.624	ug/l	95
24) 1,1-Dichloroethane	6.571	63	133612	58.372	ug/l	98
25) 2-Butanone	7.488	43	282618	334.661	ug/l	93
26) 2,2-Dichloropropane	7.488	77	102964	48.381	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	81658	55.645	ug/l	89
28) Bromochloromethane	7.818	49	58289	59.360	ug/l	85
29) Tetrahydrofuran	7.841	42	188108	353.818	ug/l	89
30) Chloroform	7.965	83	141053	58.087	ug/l	96
31) Cyclohexane	8.259	56	102242	49.230	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	125536	55.681	ug/l	98
36) 1,1-Dichloropropene	8.371	75	92432	54.347	ug/l	99
37) Ethyl Acetate	7.565	43	116108	67.054	ug/l	96
38) Carbon Tetrachloride	8.365	117	111895	54.642	ug/l	97
39) Methylcyclohexane	9.606	83	90088	49.037	ug/l	94
40) Benzene	8.606	78	296033	56.585	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	60461	64.813	ug/l	95
42) 1,2-Dichloroethane	8.671	62	108033	57.361	ug/l	98
43) Isopropyl Acetate	8.694	43	187416	57.869	ug/l #	94
44) Trichloroethene	9.353	130	68690	51.248	ug/l	96
45) 1,2-Dichloropropane	9.624	63	74547	61.034	ug/l	97
46) Dibromomethane	9.712	93	55348	58.167	ug/l	99
47) Bromodichloromethane	9.888	83	114594	58.285	ug/l	99
48) Methyl methacrylate	9.682	41	87776	64.649	ug/l	92
49) 1,4-Dioxane	9.700	88	38535	1314.591	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	607527	353.907	ug/l	95
52) Toluene	10.635	92	186665	57.118	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	112408	55.499	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	117759	54.928	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	73650	61.286	ug/l	98
56) Ethyl methacrylate	10.876	69	120632	64.521	ug/l	89
57) 1,3-Dichloropropane	11.165	76	126601	59.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	310178	323.314	ug/l	97
59) 2-Hexanone	11.200	43	467573	366.355	ug/l	94
60) Dibromochloromethane	11.365	129	89754	58.639	ug/l	100
61) 1,2-Dibromoethane	11.470	107	75434	59.108	ug/l	97
64) Tetrachloroethene	11.106	164	70363	51.033	ug/l	98
65) Chlorobenzene	11.894	112	206537	52.155	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	76162	54.069	ug/l	99
67) Ethyl Benzene	11.965	91	356593	53.577	ug/l	98
68) m/p-Xylenes	12.076	106	277950	110.614	ug/l	97
69) o-Xylene	12.400	106	134177	55.728	ug/l	93
70) Styrene	12.412	104	232519	58.448	ug/l	99
71) Bromoform	12.582	173	62452	56.376	ug/l #	97
73) Isopropylbenzene	12.700	105	330124	48.390	ug/l	99
74) N-amyl acetate	12.494	43	165498	58.648	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	115212	56.389	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	94650m	58.475	ug/l	
77) Bromobenzene	12.982	156	86286	49.027	ug/l	98
78) n-propylbenzene	13.041	91	397729	50.706	ug/l	99
79) 2-Chlorotoluene	13.129	91	246403	49.302	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	283004	51.320	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41975	51.002	ug/l	98
82) 4-Chlorotoluene	13.223	91	245437	49.615	ug/l	98
83) tert-Butylbenzene	13.441	119	232377	47.532	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	288244	51.284	ug/l	99
85) sec-Butylbenzene	13.617	105	325881	49.328	ug/l	99
86) p-Isopropyltoluene	13.729	119	276148	50.100	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	159305	50.106	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	156763	47.677	ug/l	99
89) n-Butylbenzene	14.059	91	226281	47.919	ug/l	99
90) Hexachloroethane	14.335	117	56793	48.695	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	152922	49.538	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25881	54.754	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	74576	44.850	ug/l	99
94) Hexachlorobutadiene	15.506	225	31729	43.044	ug/l	99
95) Naphthalene	15.647	128	285460	50.123	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	77671	45.430	ug/l	99

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

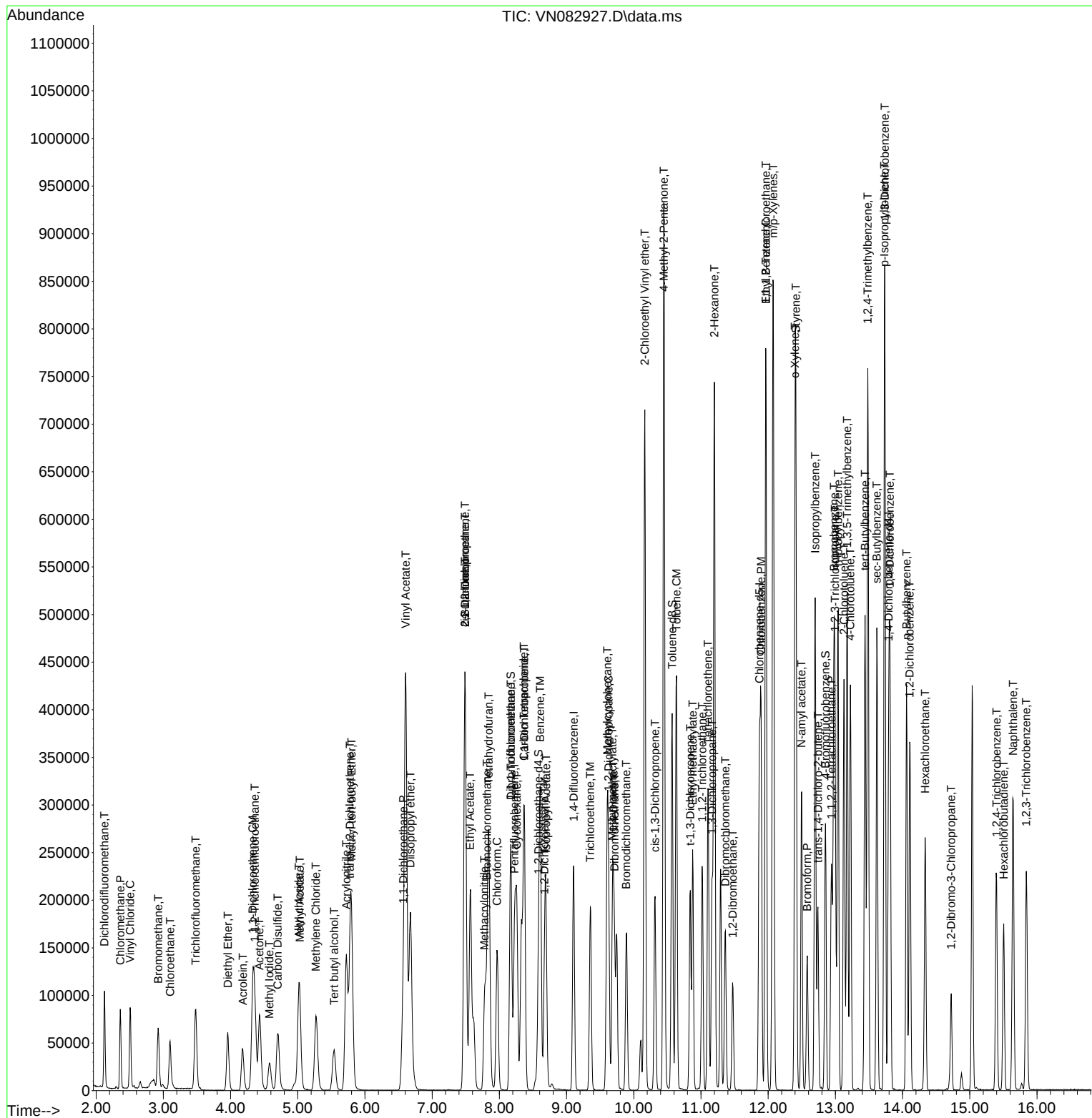
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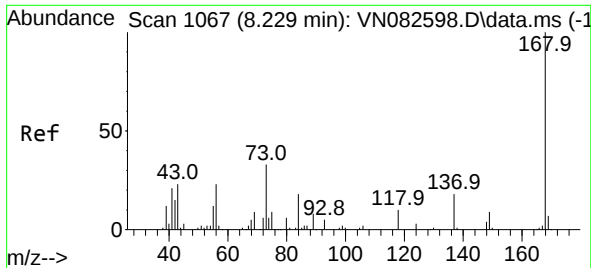
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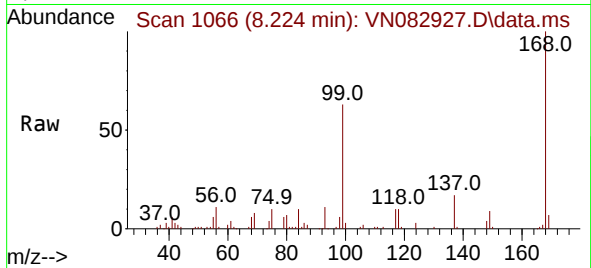
Reviewed By : John Carlone 07/16/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082927.D
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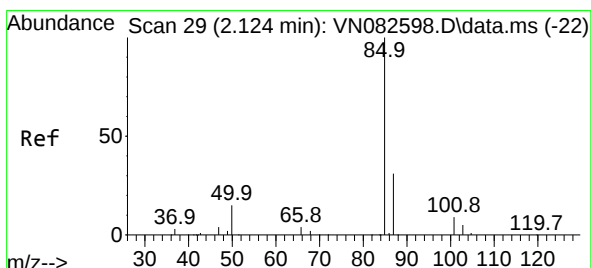
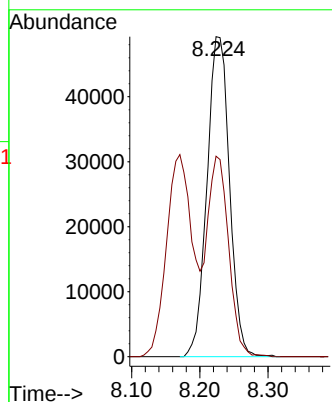
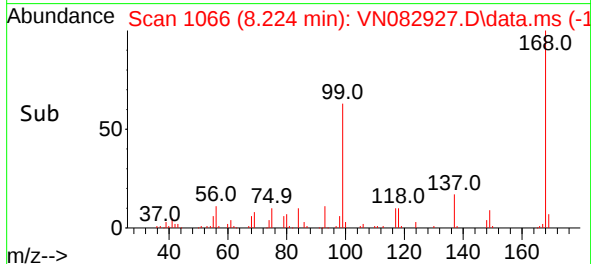
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 11332
Ion Ratio Lower Upper
168 100
99 62.7 48.2 72.4

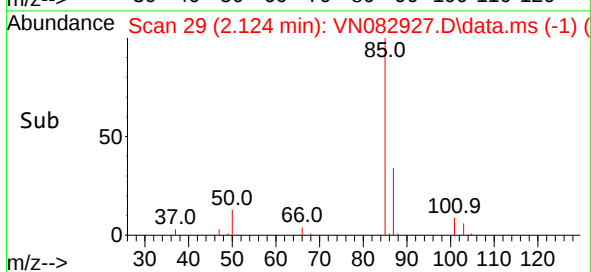
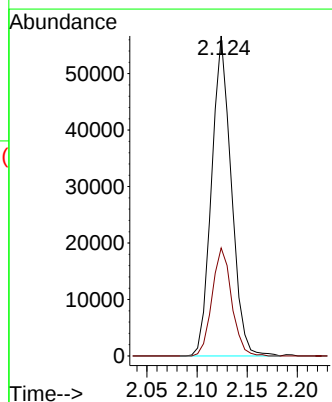
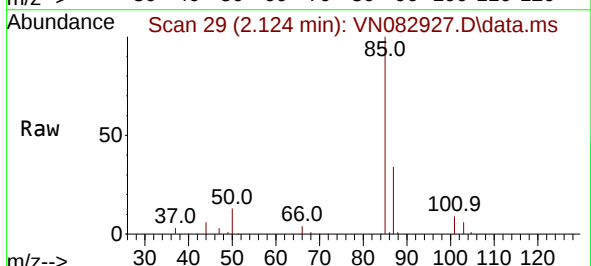
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#2
Dichlorodifluoromethane
Concen: 52.828 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

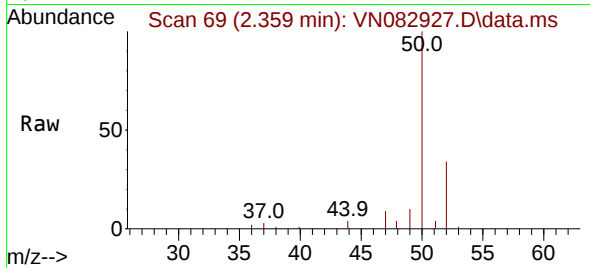
Tgt Ion: 85 Resp: 77506
Ion Ratio Lower Upper
85 100
87 33.8 15.7 47.0





#3
Chloromethane
Concen: 52.877 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

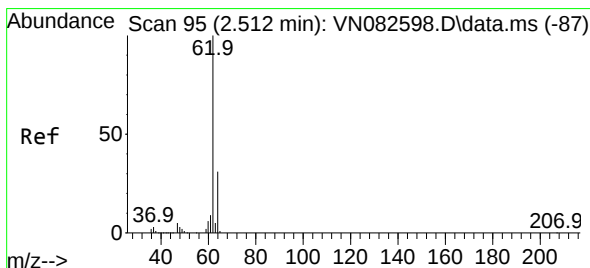
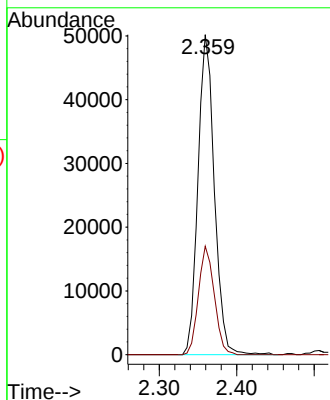
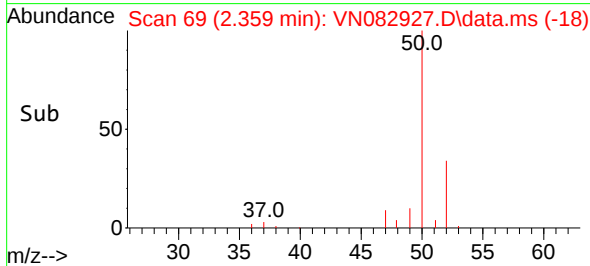
Instrument :
MSVOA_N
ClientSampleId :
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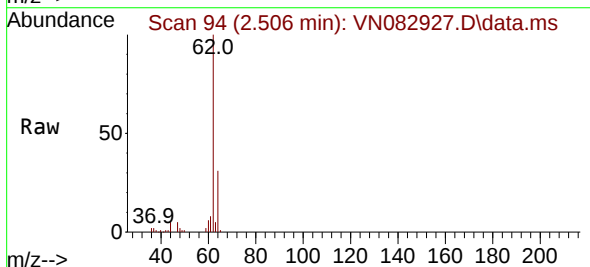
Tgt Ion: 50 Resp: 7357
Ion Ratio Lower Upper
50 100
52 33.9 25.0 37.4

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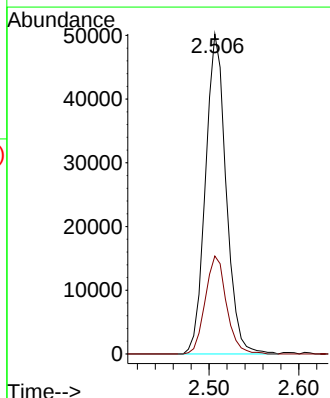
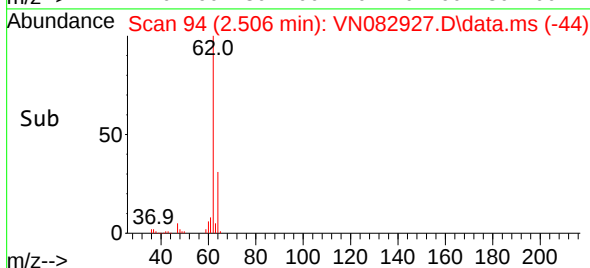
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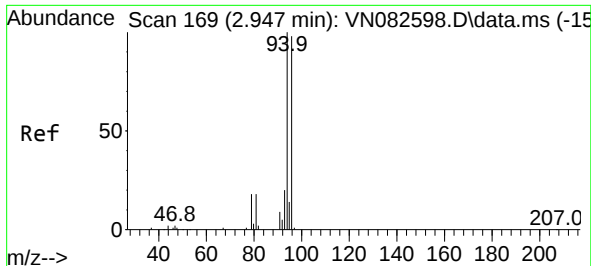


#4
Vinyl Chloride
Concen: 54.846 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08



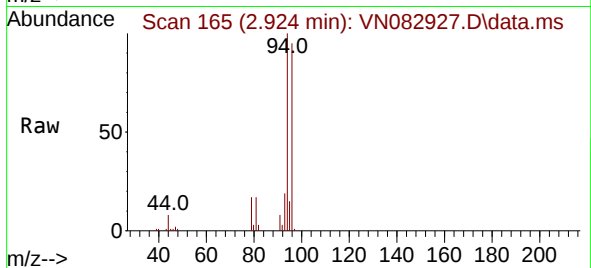
Tgt Ion: 62 Resp: 80144
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.6





#5
Bromomethane
Concen: 44.157 ug/l
RT: 2.924 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

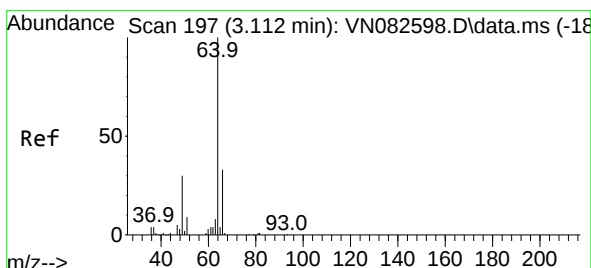
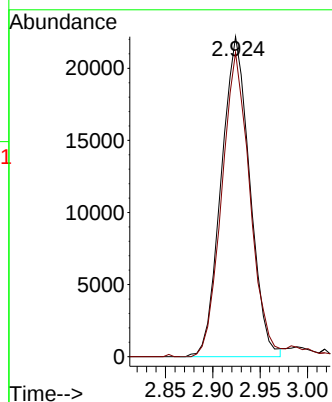
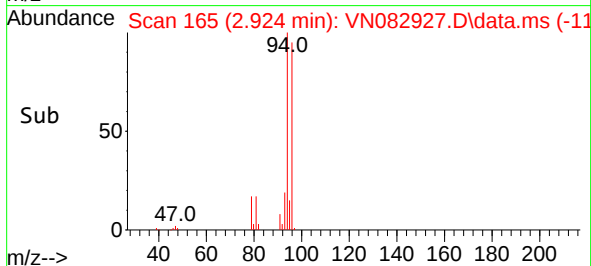
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Tgt Ion: 94 Resp: 4652
Ion Ratio Lower Upper
94 100
96 95.1 78.0 117.0

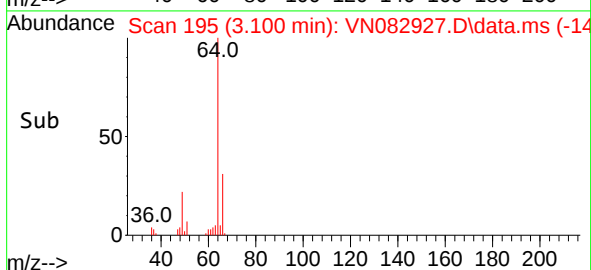
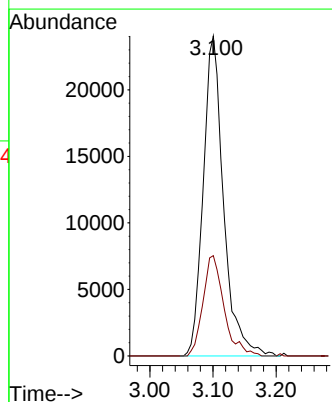
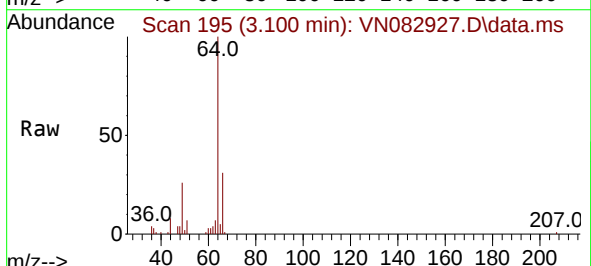
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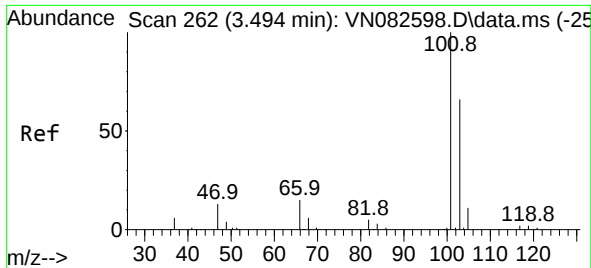
Reviewed By :John Carlone 07/16/2024
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#6
Chloroethane
Concen: 53.812 ug/l
RT: 3.100 min Scan# 195
Delta R.T. -0.012 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion: 64 Resp: 53810
Ion Ratio Lower Upper
64 100
66 31.4 26.6 40.0





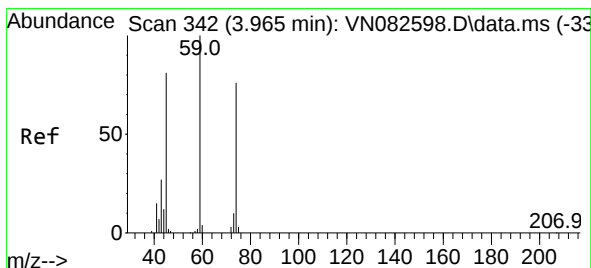
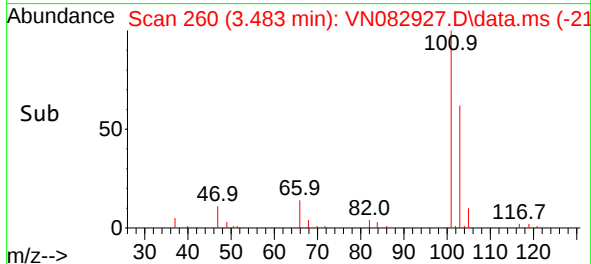
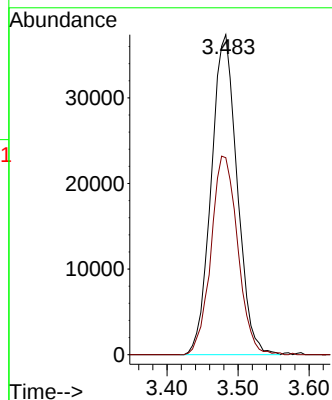
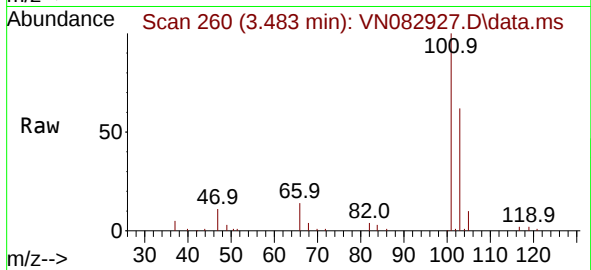
#7
Trichlorofluoromethane
Concen: 45.072 ug/l
RT: 3.483 min Scan# 210
Delta R.T. -0.011 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 94728
Ion Ratio Lower Upper
101 100
103 61.6 52.7 79.1

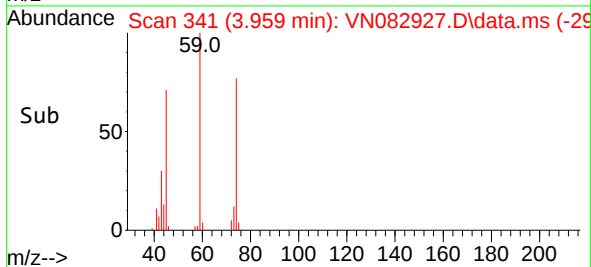
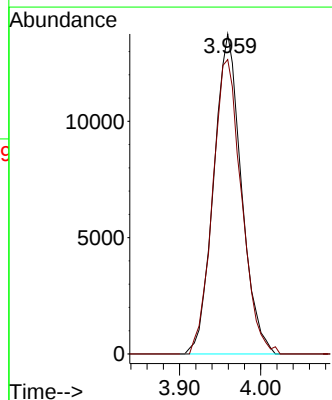
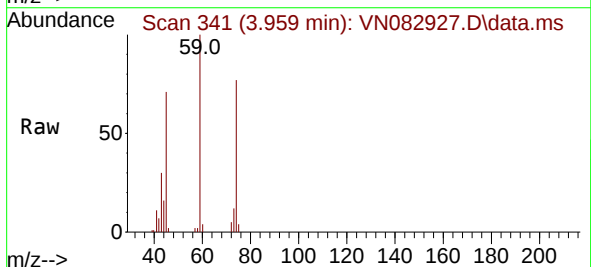
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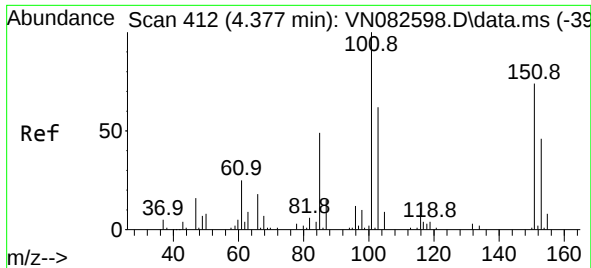
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#8
Diethyl Ether
Concen: 45.388 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion: 74 Resp: 32647
Ion Ratio Lower Upper
74 100
45 95.8 55.5 166.3





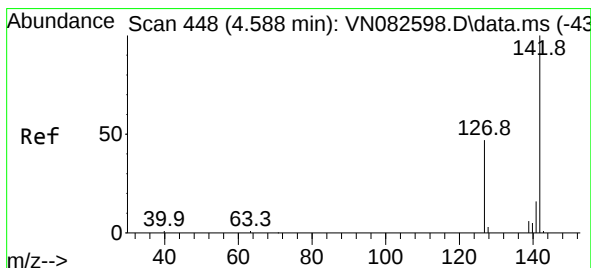
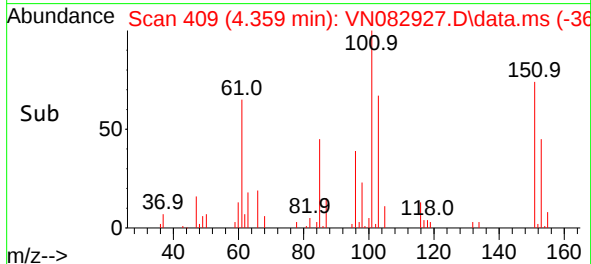
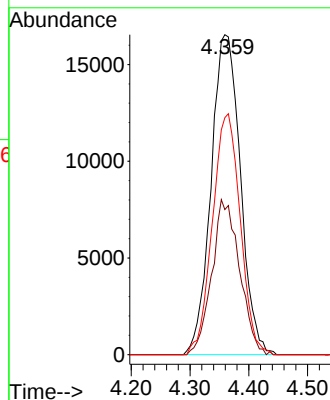
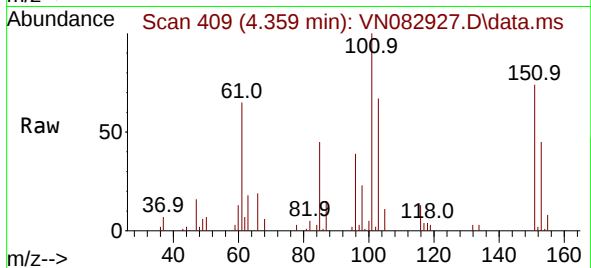
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.189 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.018 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5732
Ion Ratio Lower Upper
101 100
85 45.9 38.3 57.5
151 71.5 59.3 88.9

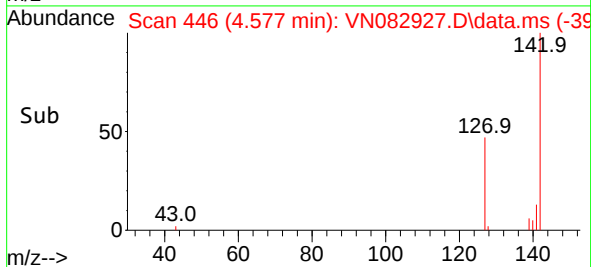
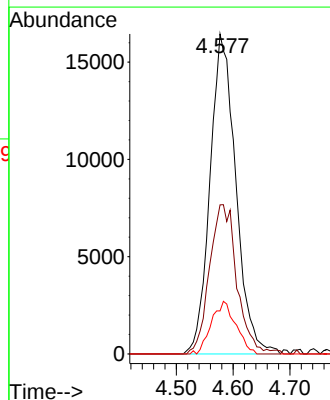
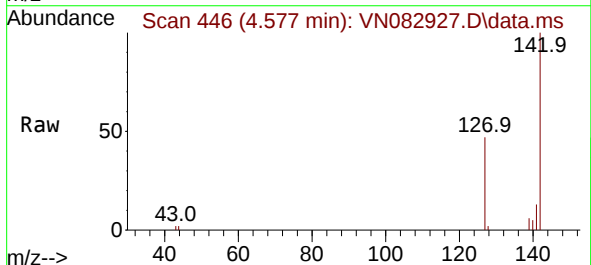
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#10
Methyl Iodide
Concen: 42.486 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.011 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion:142 Resp: 51814
Ion Ratio Lower Upper
142 100
127 46.6 37.5 56.3
141 13.4 13.1 19.7





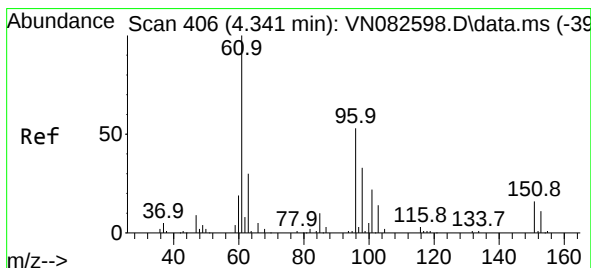
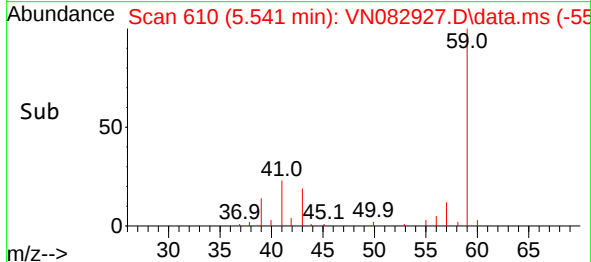
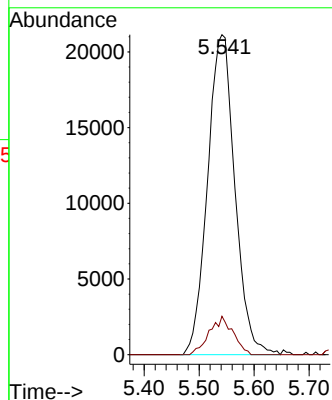
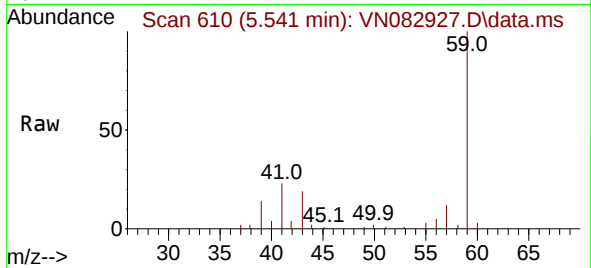
#11
Tert butyl alcohol
Concen: 273.340 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.017 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 73032
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3

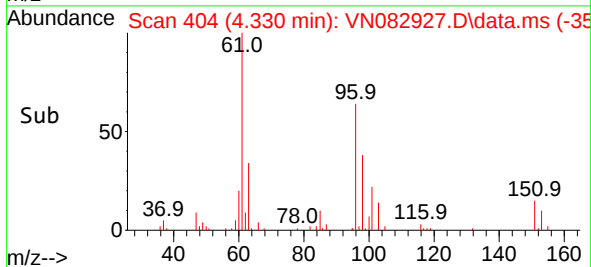
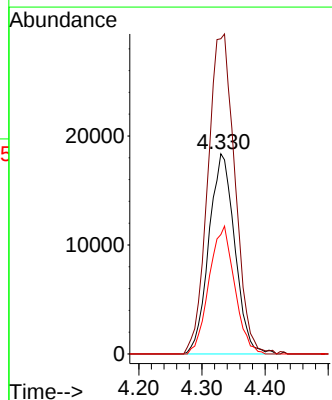
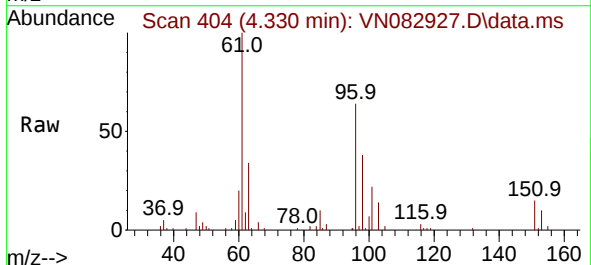
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#12
1,1-Dichloroethene
Concen: 45.286 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.011 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion: 96 Resp: 52388
Ion Ratio Lower Upper
96 100
61 157.4 149.7 224.5
98 59.6 50.1 75.1





#13

Acrolein

Concen: 281.815 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 5436

Ion Ratio Lower Upper

56 100

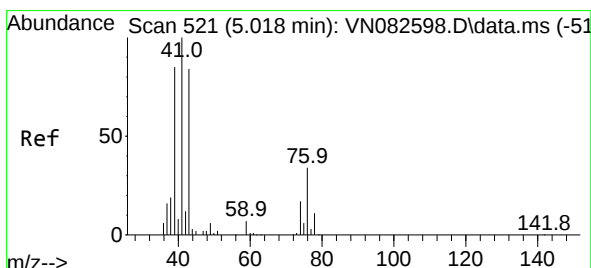
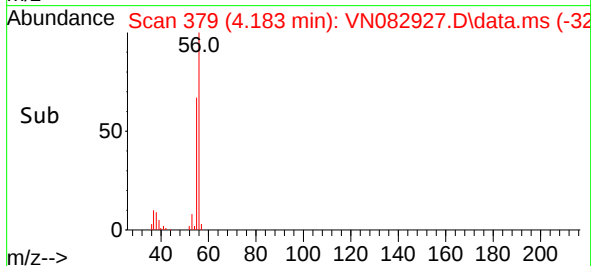
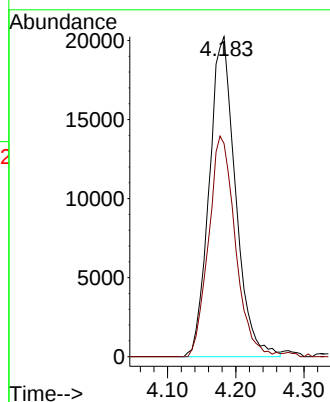
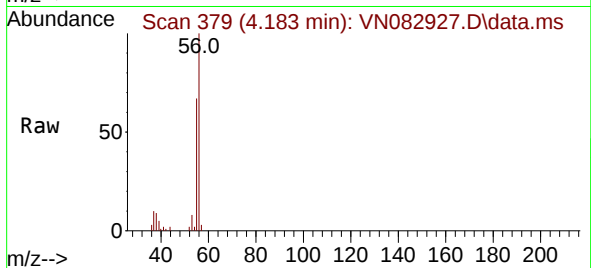
55 70.2 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#14

Allyl chloride

Concen: 48.378 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

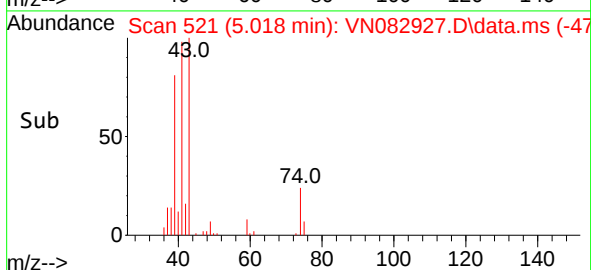
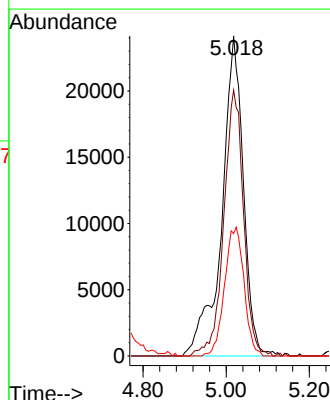
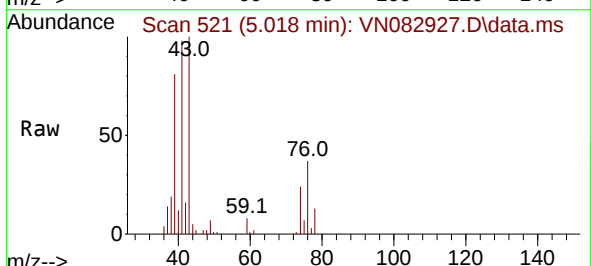
Tgt Ion: 41 Resp: 87261

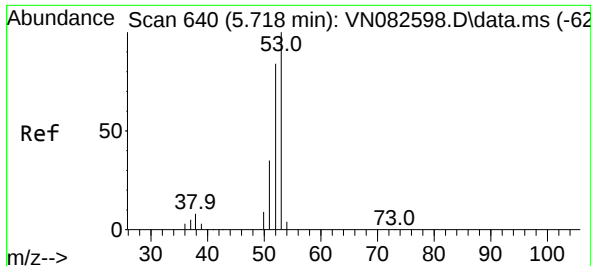
Ion Ratio Lower Upper

41 100

39 75.5 67.8 101.6

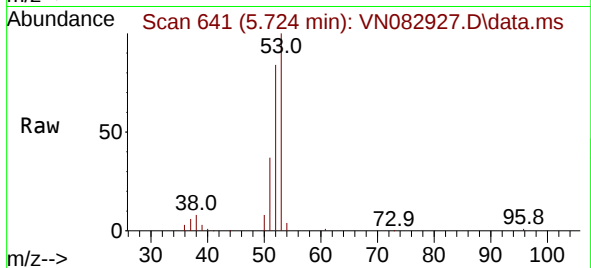
76 36.2 25.8 38.8





#15
Acrylonitrile
Concen: 299.996 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

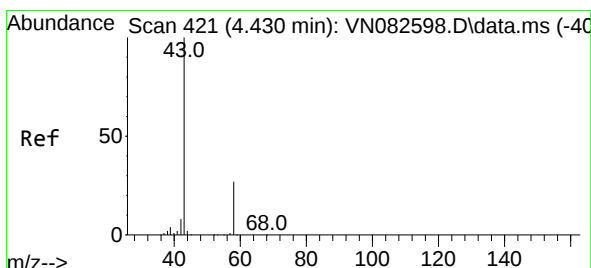
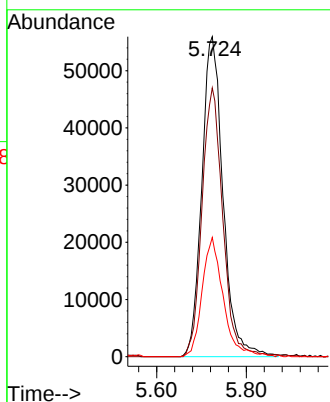
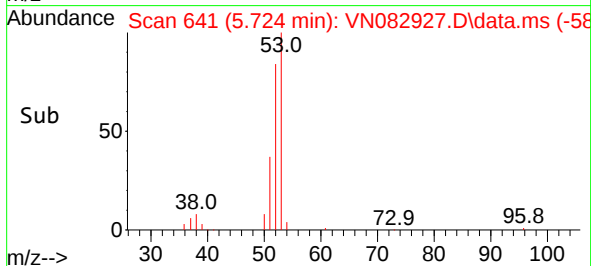
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 18420
Ion Ratio Lower Upper
53 100
52 81.9 66.6 100.0
51 36.9 30.1 45.1

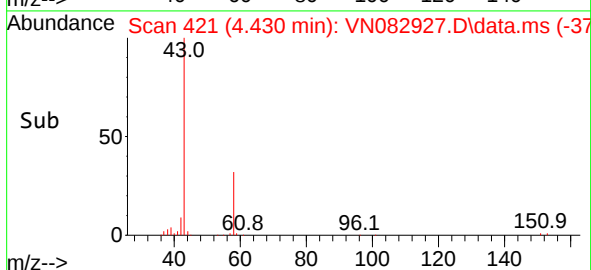
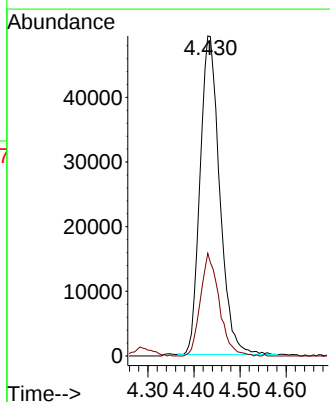
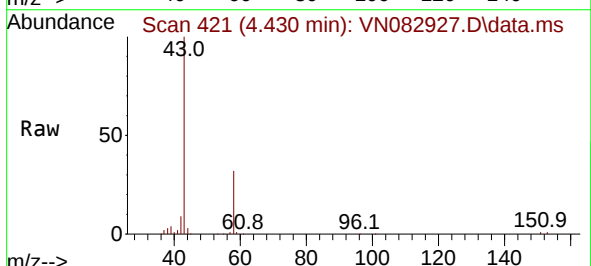
Manual Integrations
APPROVED

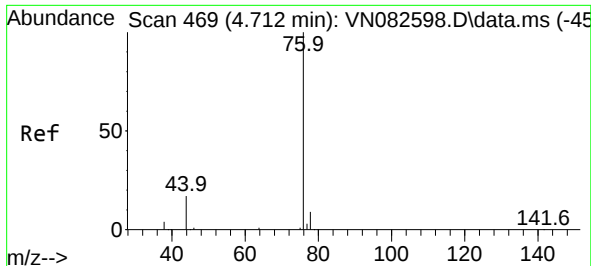
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#16
Acetone
Concen: 261.221 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion: 43 Resp: 146097
Ion Ratio Lower Upper
43 100
58 32.2 21.8 32.6





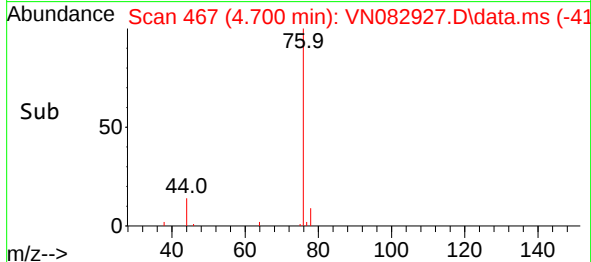
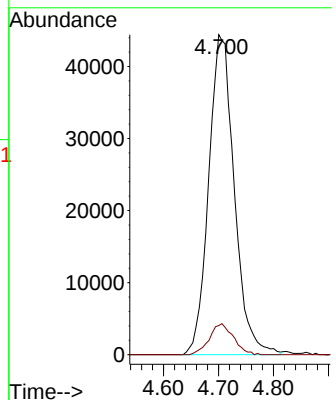
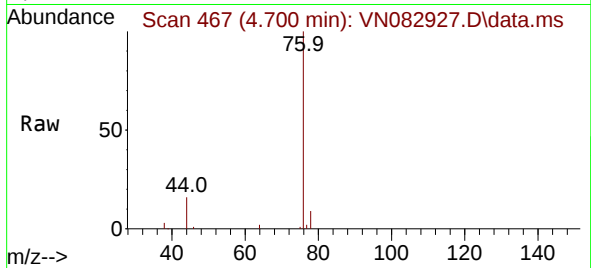
#17
Carbon Disulfide
Concen: 41.534 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 143575
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

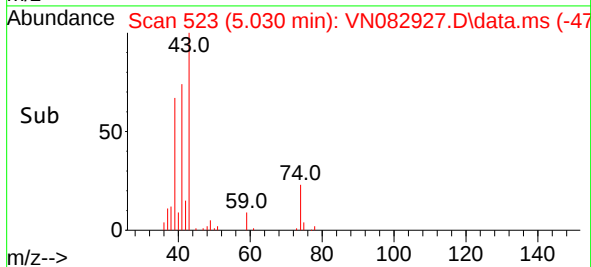
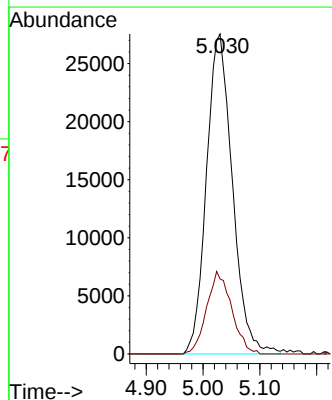
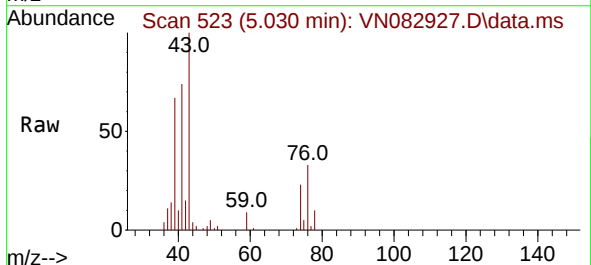
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#18
Methyl Acetate
Concen: 59.099 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

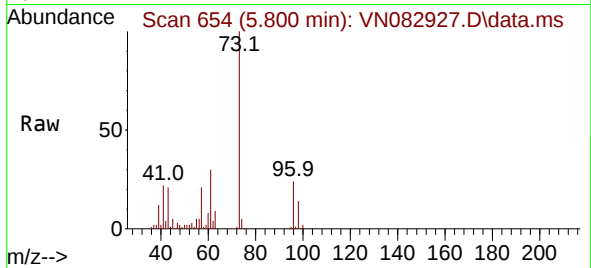
Tgt Ion: 43 Resp: 87462
Ion Ratio Lower Upper
43 100
74 24.8 16.3 24.5#





#19
Methyl tert-butyl Ether
Concen: 50.445 ug/l
RT: 5.800 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

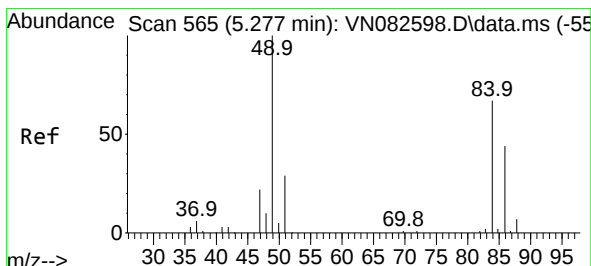
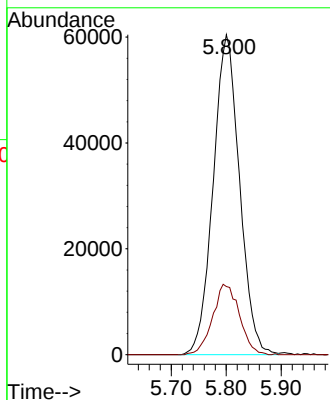
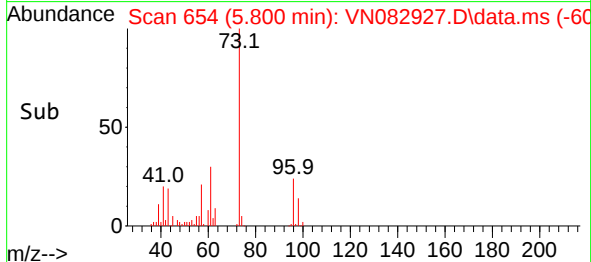
Instrument :
MSVOA_N
ClientSampleId :
VSTDC0050EC



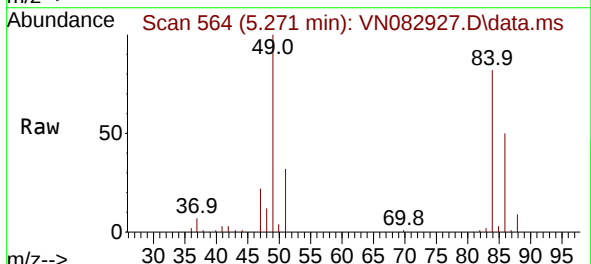
Tgt Ion: 73 Resp: 20130
Ion Ratio Lower Upper
73 100
57 21.3 17.9 26.9

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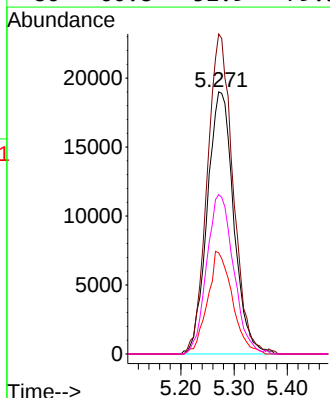
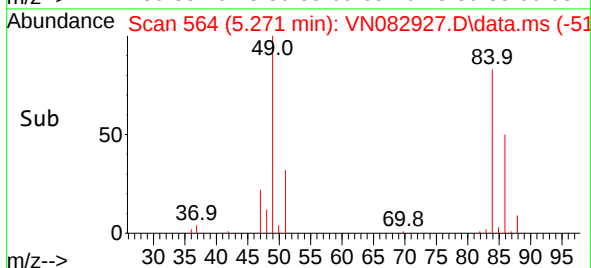
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

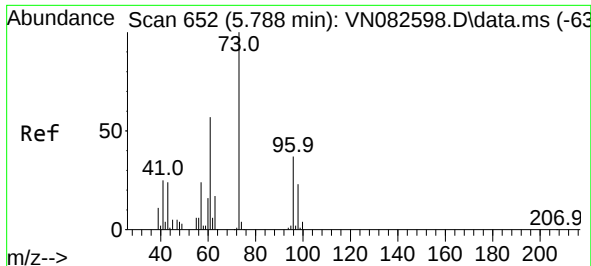


#20
Methylene Chloride
Concen: 48.539 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08



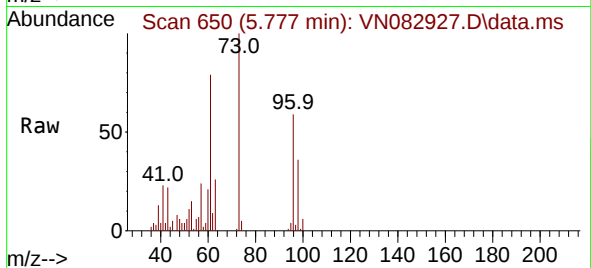
Tgt Ion: 84 Resp: 65561
Ion Ratio Lower Upper
84 100
49 122.1 119.6 179.4
51 38.6 34.8 52.2
86 60.8 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 48.973 ug/l
RT: 5.777 min Scan# 6138
Delta R.T. -0.011 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

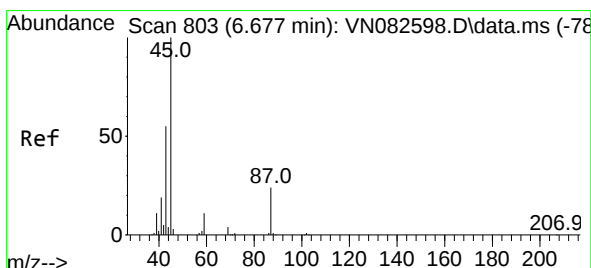
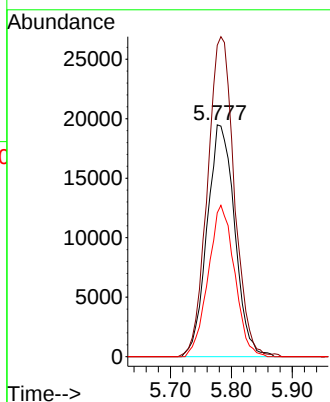
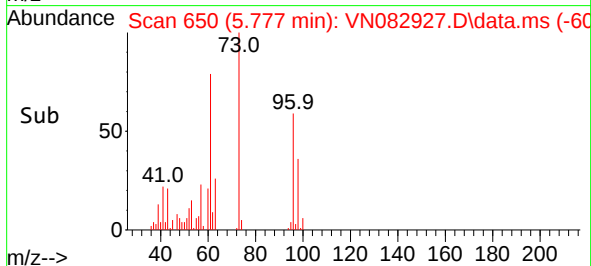
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 6138
Ion Ratio Lower Upper
96 100
61 134.3 123.4 185.2
98 62.0 49.3 73.9

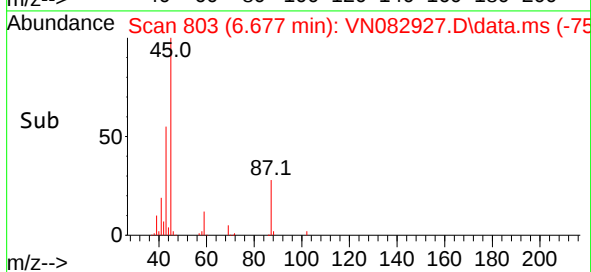
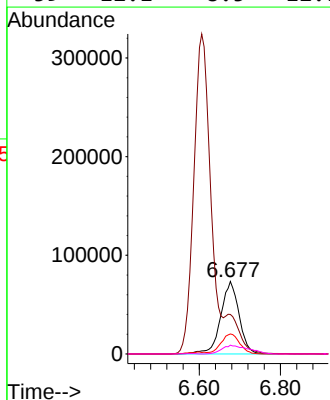
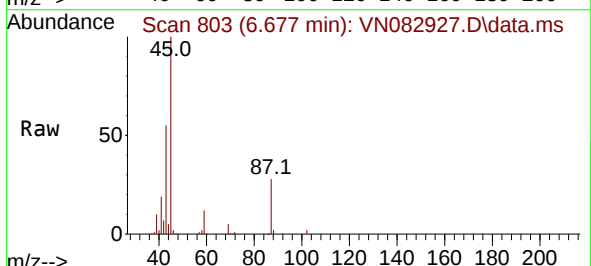
Manual Integrations
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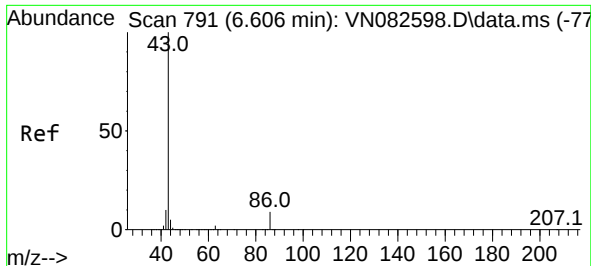
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#22
Diisopropyl ether
Concen: 61.203 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

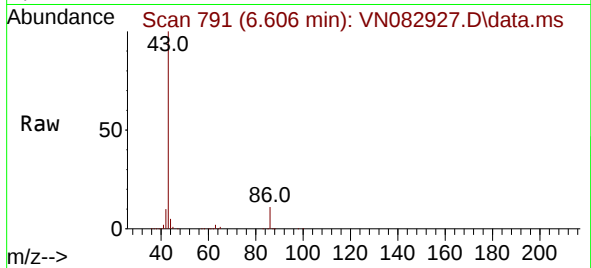
Tgt Ion: 45 Resp: 230954
Ion Ratio Lower Upper
45 100
43 53.8 44.0 66.0
87 27.6 19.7 29.5
59 12.1 8.5 12.7





#23
 Vinyl Acetate
 Concen: 309.624 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082927.D
 Acq: 15 Jul 2024 19:08

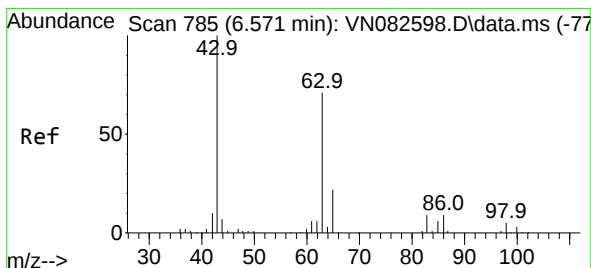
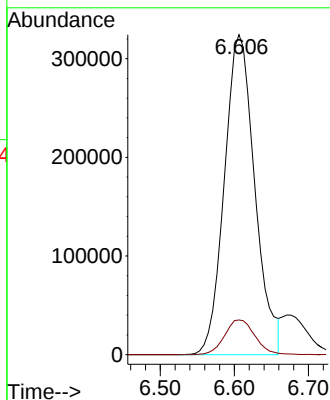
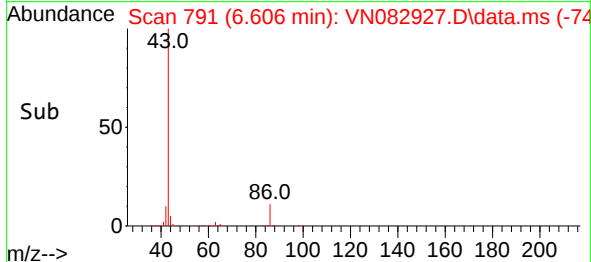
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



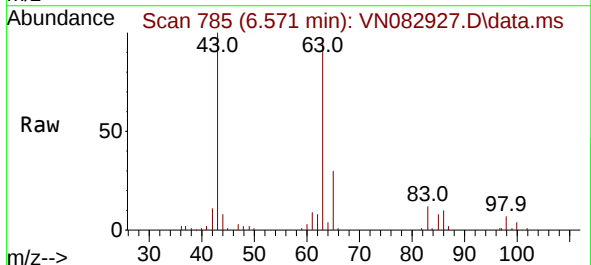
Tgt Ion: 43 Resp: 92785
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.3 10.9

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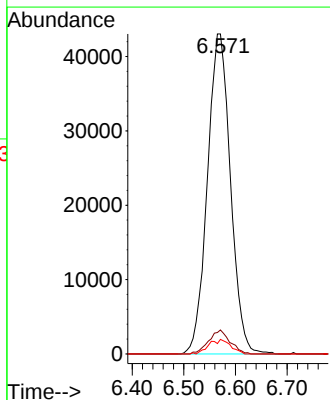
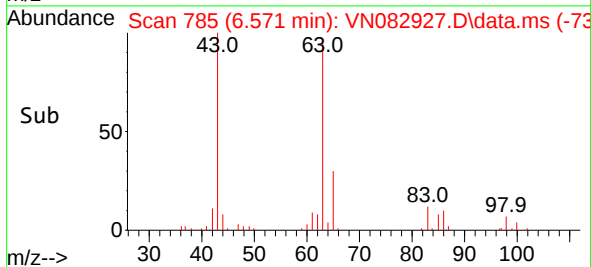
Reviewed By :John Carlone 07/16/2024
 Supervised By :Mahesh Dadoda 07/16/2024

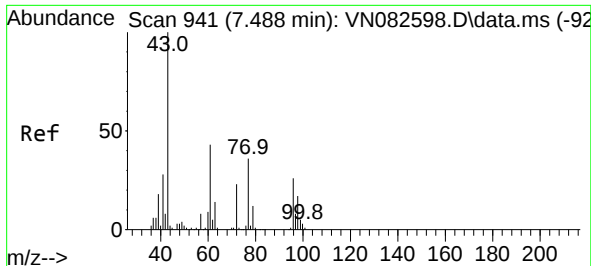


#24
 1,1-Dichloroethane
 Concen: 58.372 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082927.D
 Acq: 15 Jul 2024 19:08



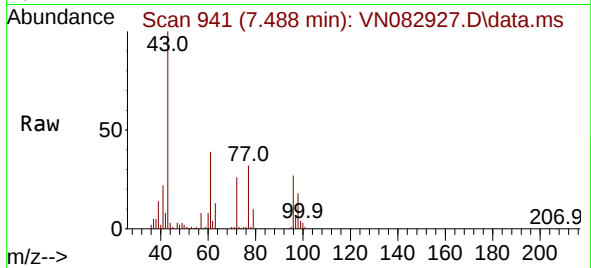
Tgt Ion: 63 Resp: 133612
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.5 2.0 6.0





#25
2-Butanone
Concen: 334.661 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

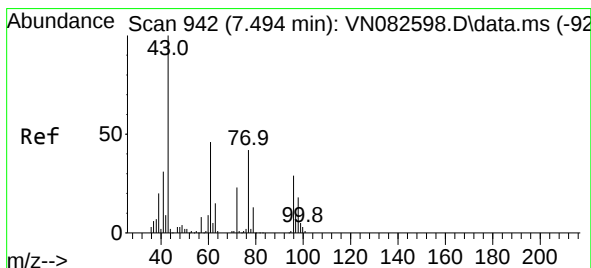
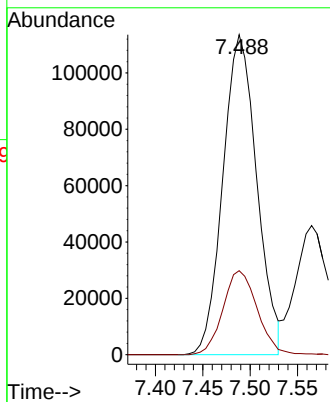
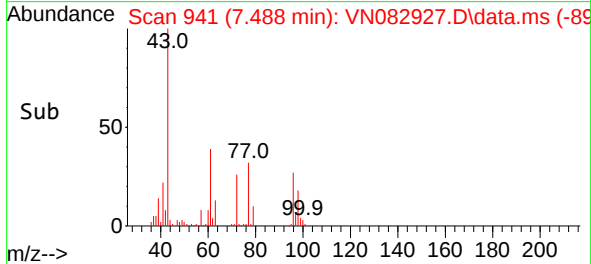
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 282618
Ion Ratio Lower Upper
43 100
72 26.3 18.2 27.2

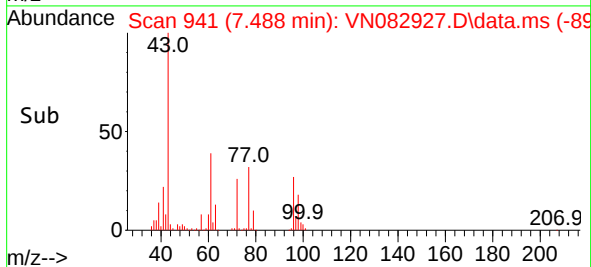
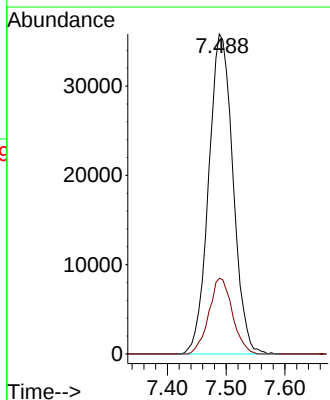
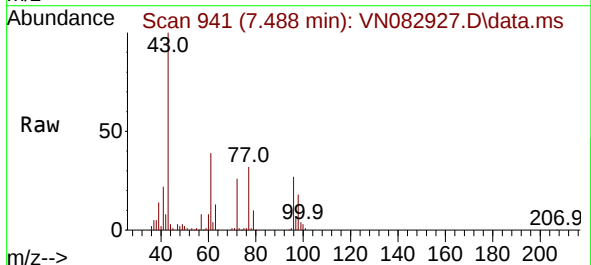
Manual Integrations
APPROVED

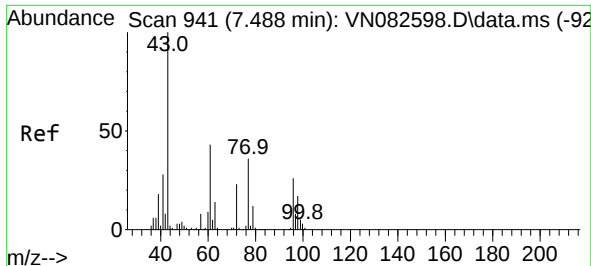
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#26
2,2-Dichloropropane
Concen: 48.381 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

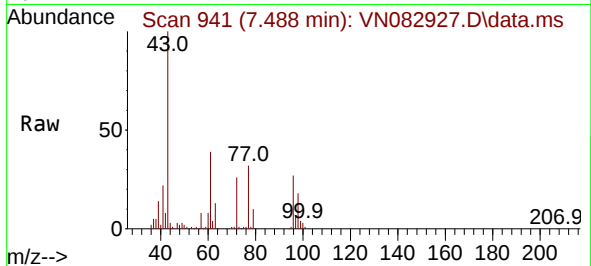
Tgt Ion: 77 Resp: 102964
Ion Ratio Lower Upper
77 100
97 22.9 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 55.645 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082927.D
 Acq: 15 Jul 2024 19:08

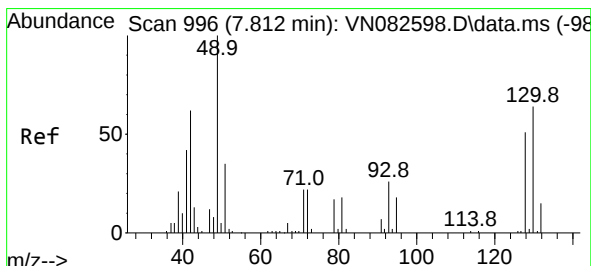
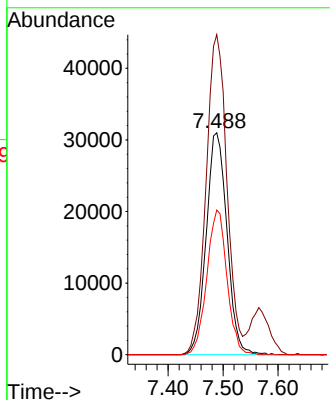
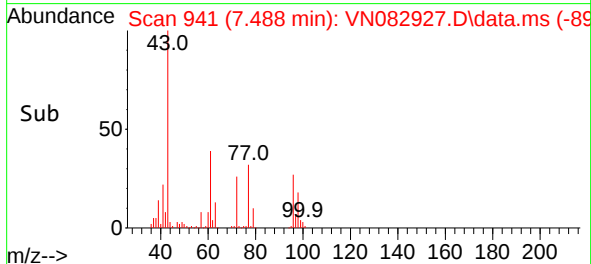
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 81658
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 329.6
 98 63.1 0.0 128.6

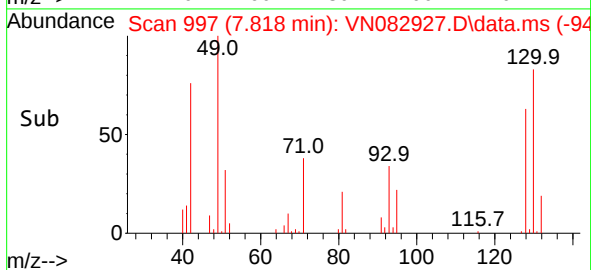
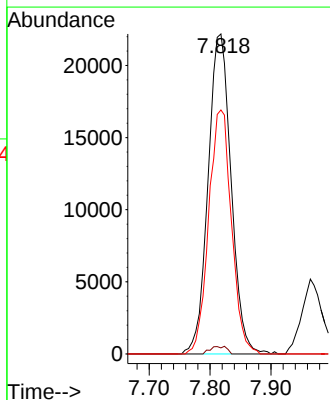
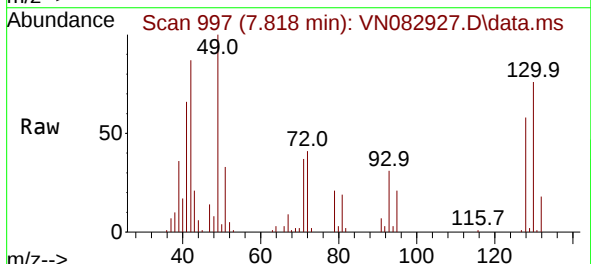
Manual Integrations
 APPROVED

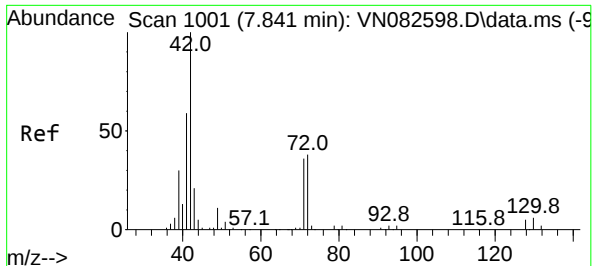
Reviewed By :John Carlone 07/16/2024
 Supervised By :Mahesh Dadoda 07/16/2024



#28
 Bromochloromethane
 Concen: 59.360 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082927.D
 Acq: 15 Jul 2024 19:08

Tgt Ion: 49 Resp: 58289
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 75.3 50.5 75.7





#29

Tetrahydrofuran

Concen: 353.818 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 188108

Ion Ratio Lower Upper

42 100

72 44.2 30.0 45.0

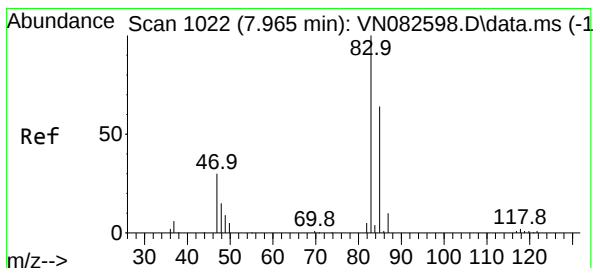
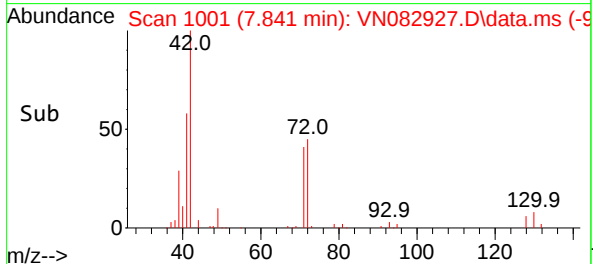
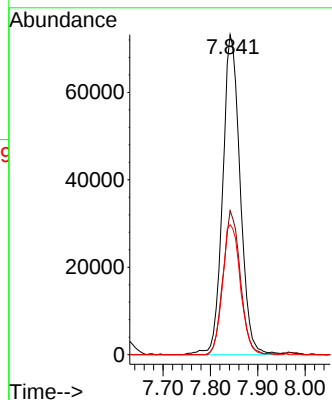
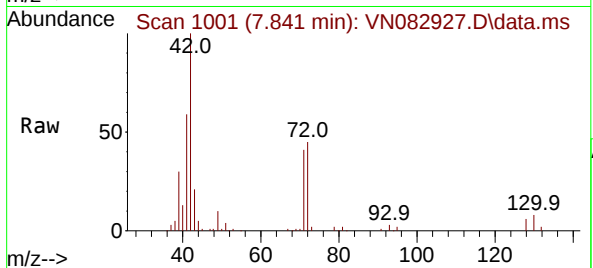
71 41.7 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#30

Chloroform

Concen: 58.087 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082927.D

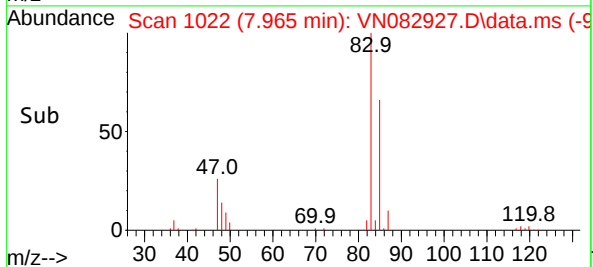
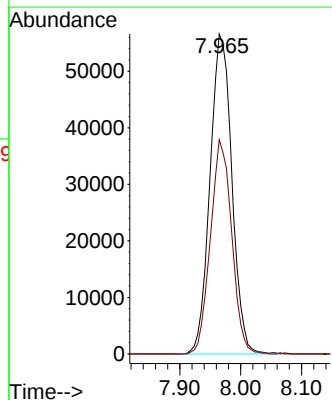
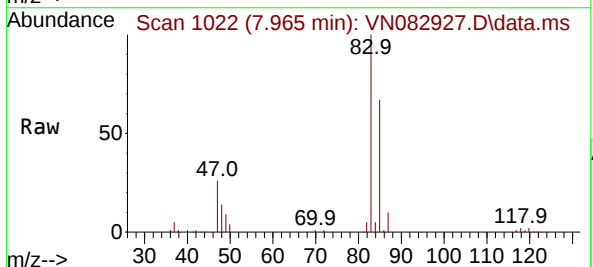
Acq: 15 Jul 2024 19:08

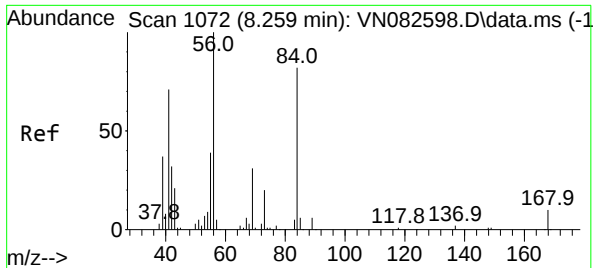
Tgt Ion: 83 Resp: 141053

Ion Ratio Lower Upper

83 100

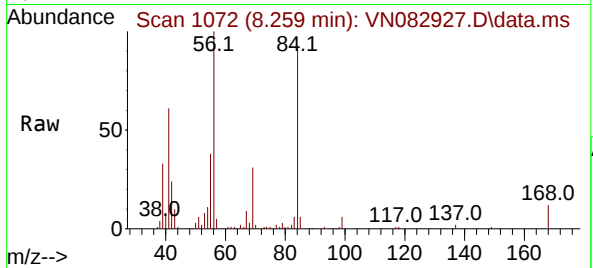
85 66.9 50.9 76.3





#31
Cyclohexane
Concen: 49.230 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

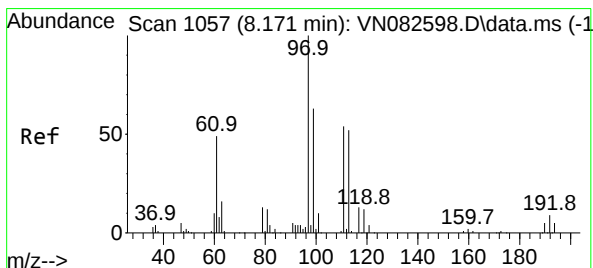
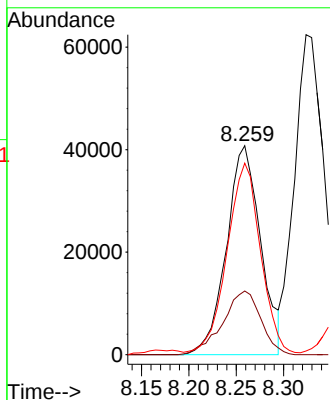
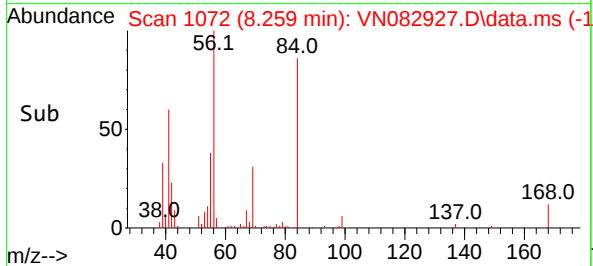
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



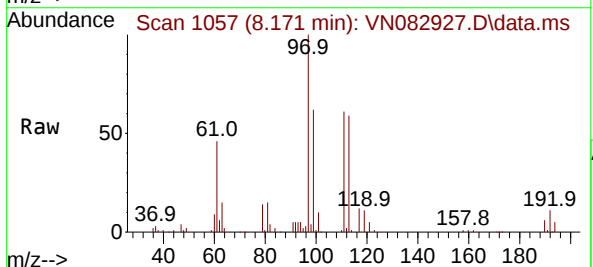
Tgt Ion: 56 Resp: 10224
Ion Ratio Lower Upper
56 100
69 30.5 24.5 36.7
84 89.9 66.0 99.0

Manual Integrations
APPROVED

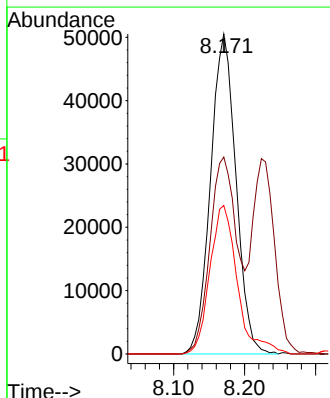
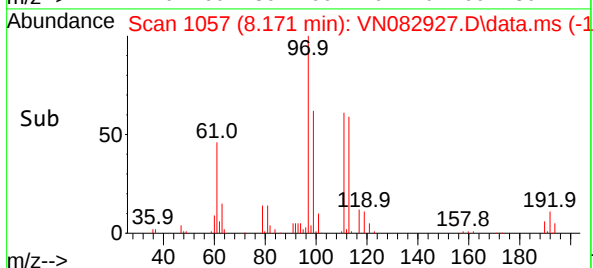
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

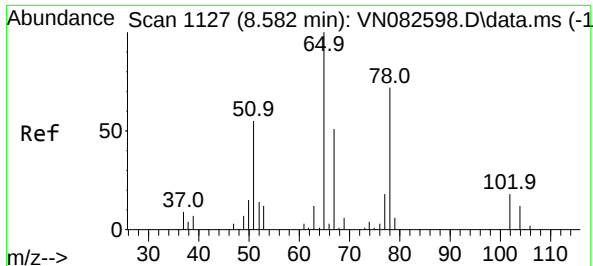


#32
1,1,1-Trichloroethane
Concen: 55.681 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08



Tgt Ion: 97 Resp: 125536
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 50.3 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 58.202 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 9245

Ion Ratio Lower Upper

65 100

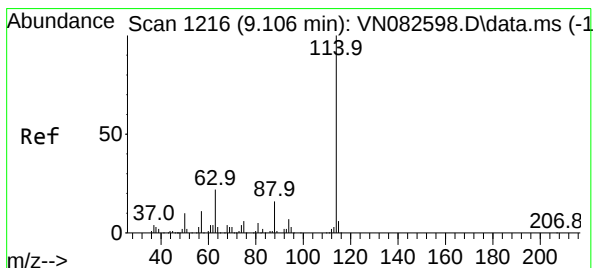
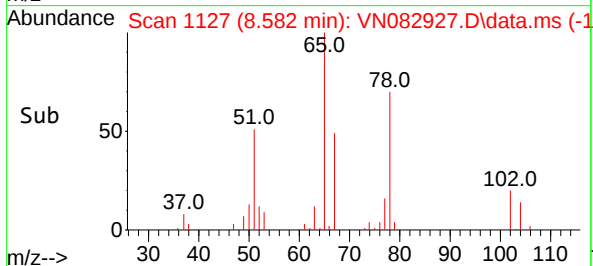
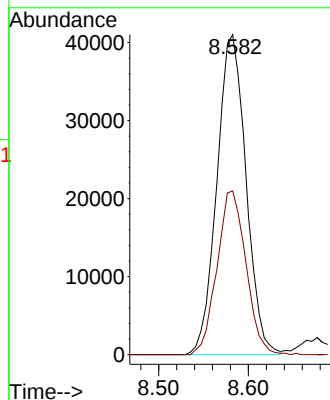
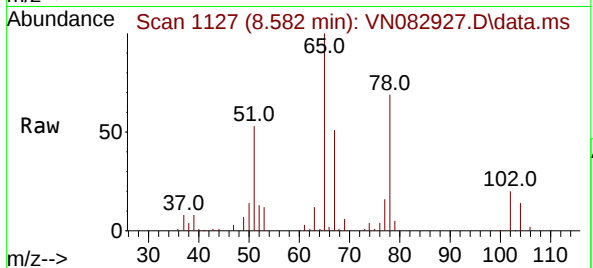
67 50.9 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

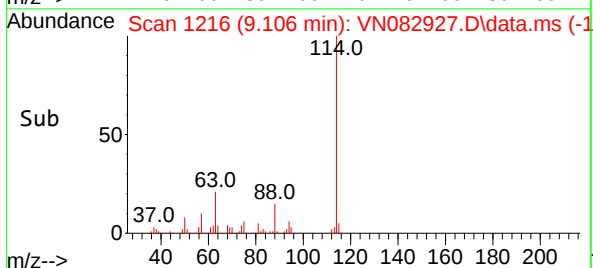
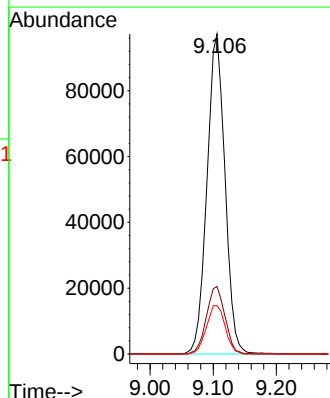
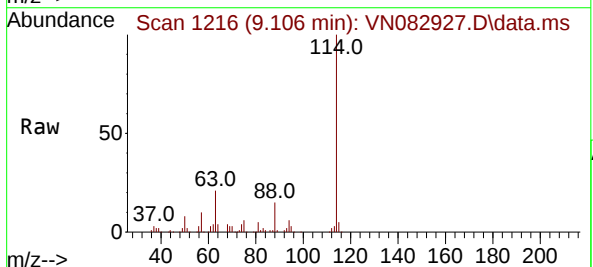
Tgt Ion:114 Resp: 192244

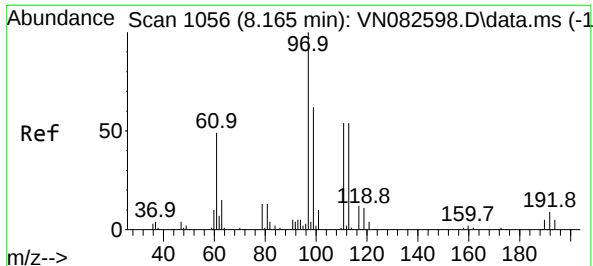
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 57.916 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

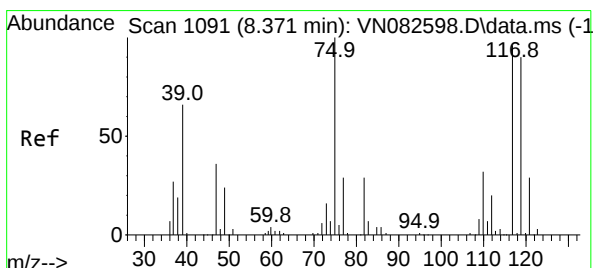
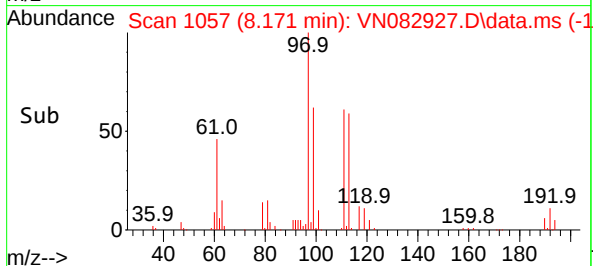
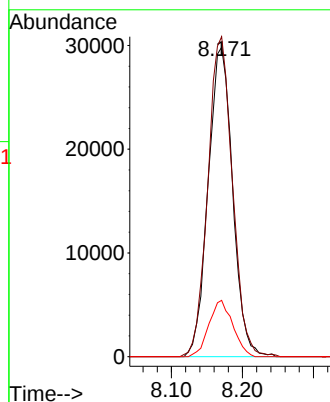
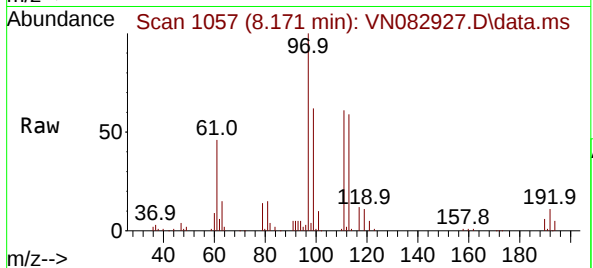
Tgt Ion:	113	Resp:	7144
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	17.7	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#36

1,1-Dichloropropene

Concen: 54.347 ug/l

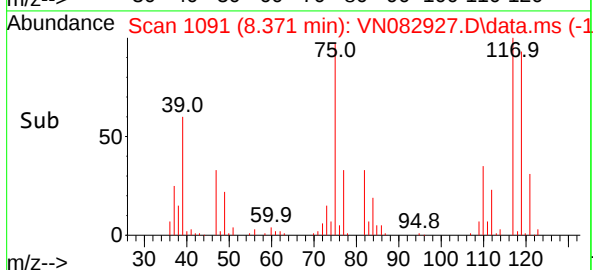
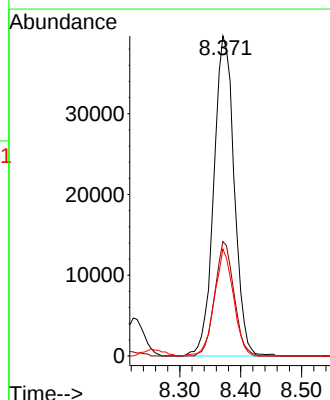
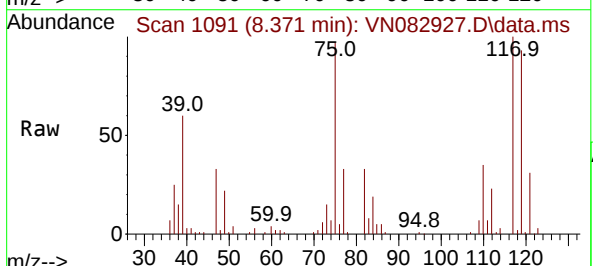
RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

Tgt Ion:	75	Resp:	92432
Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.3	48.9
77	31.1	24.6	37.0





#37

Ethyl Acetate

Concen: 67.054 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN082927.D

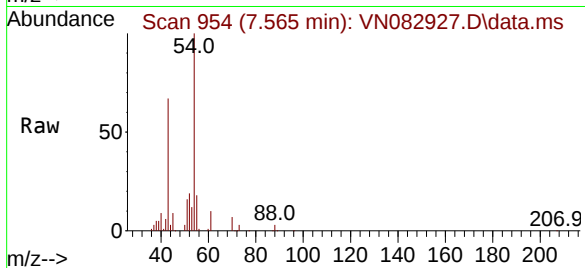
Acq: 15 Jul 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



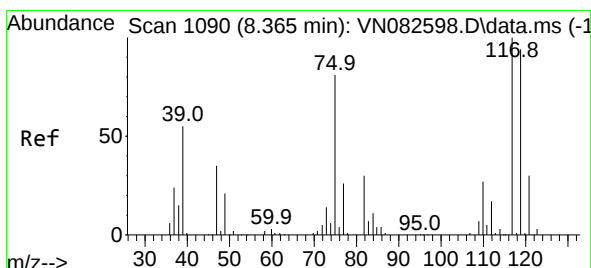
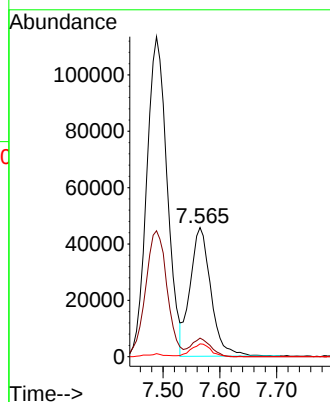
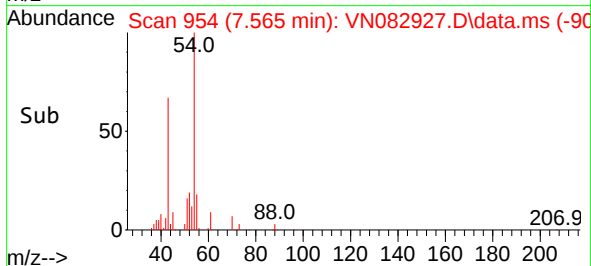
Tgt Ion:	43	Resp:	116108
Ion Ratio	Lower	Upper	
43	100		
61	13.6	9.3	13.9
70	9.6	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#38

Carbon Tetrachloride

Concen: 54.642 ug/l

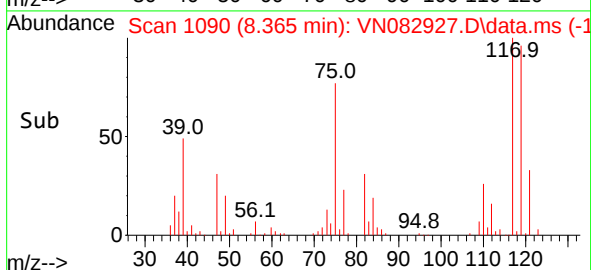
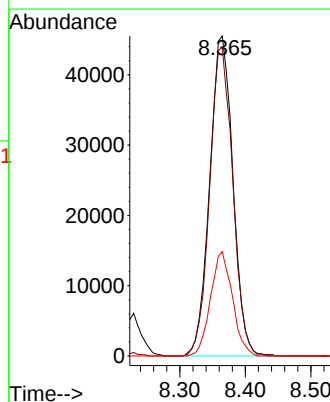
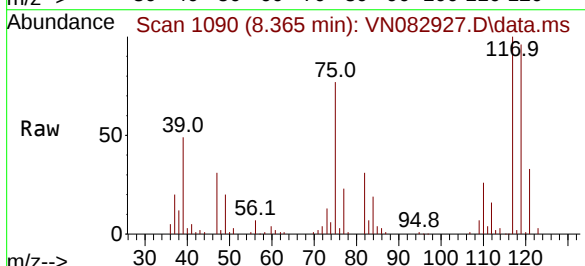
RT: 8.365 min Scan# 1090

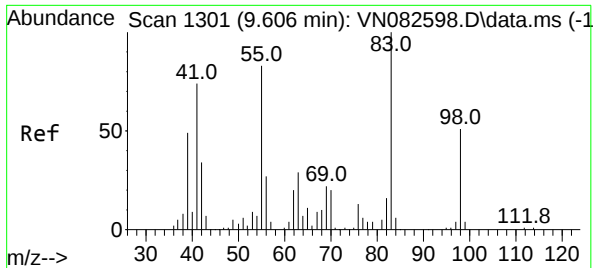
Delta R.T. -0.000 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

Tgt Ion:	117	Resp:	111895
Ion Ratio	Lower	Upper	
117	100		
119	96.5	74.9	112.3
121	32.6	24.3	36.5





#39
Methylcyclohexane
Concen: 49.037 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

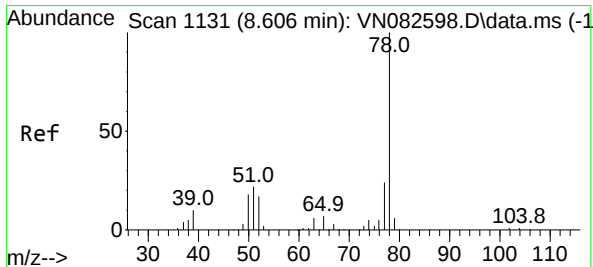
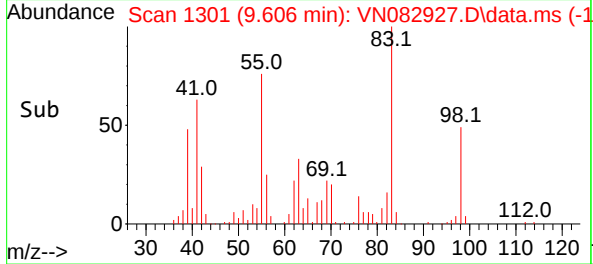
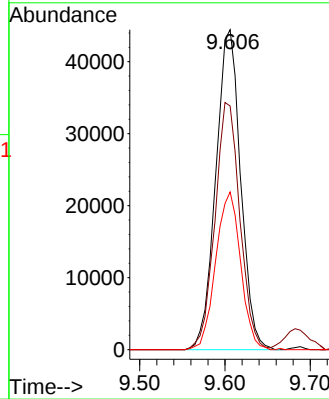
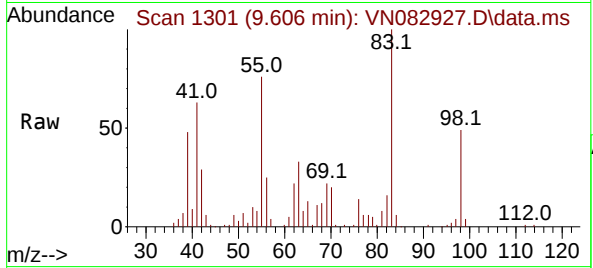
Tgt Ion: 83 Resp: 9008
Ion Ratio Lower Upper
83 100
55 76.1 66.4 99.6
98 49.3 40.7 61.1

Manual Integrations

APPROVED

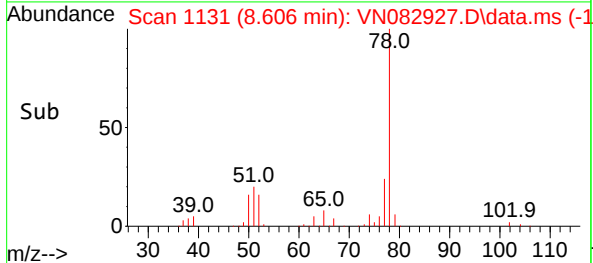
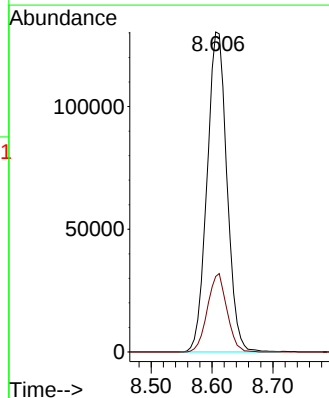
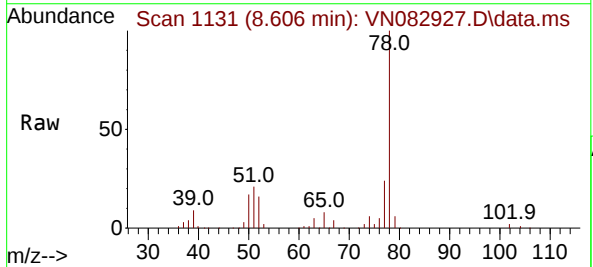
Reviewed By :John Carlone 07/16/2024

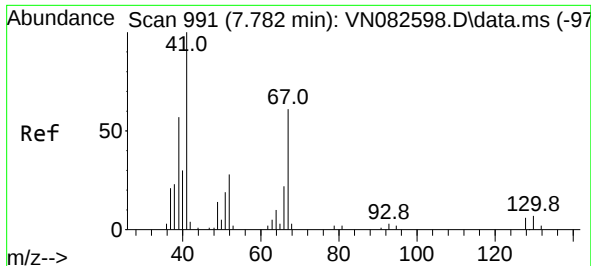
Supervised By :Mahesh Dadoda 07/16/2024



#40
Benzene
Concen: 56.585 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion: 78 Resp: 296033
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





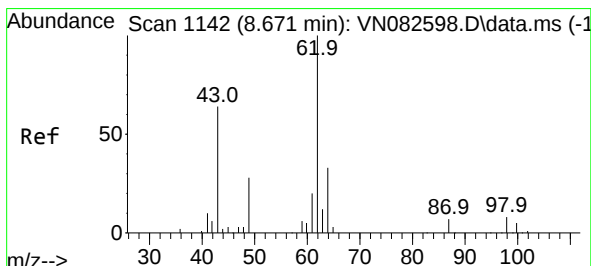
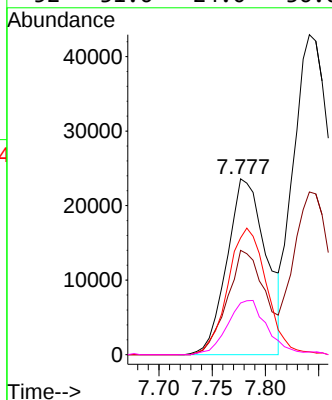
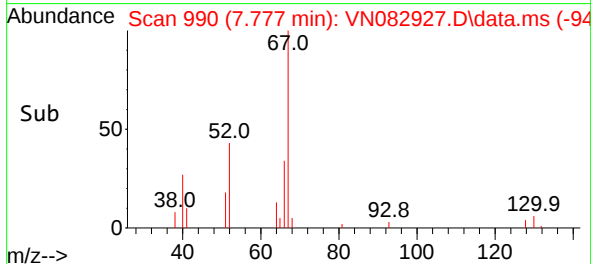
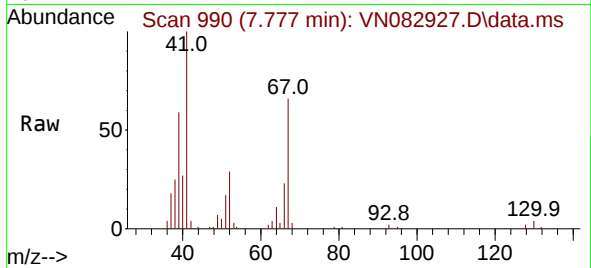
#41
Methacrylonitrile
Concen: 64.813 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 60463
Ion Ratio Lower Upper
41 100
39 57.6 45.5 68.3
67 71.2 50.5 75.7
52 31.6 24.0 36.0

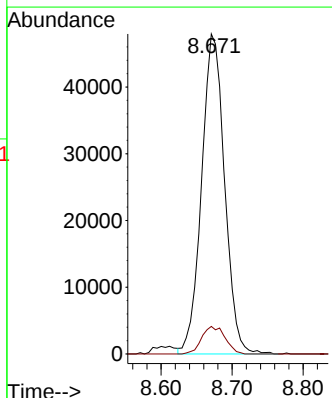
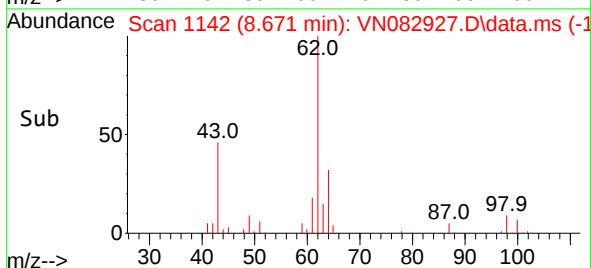
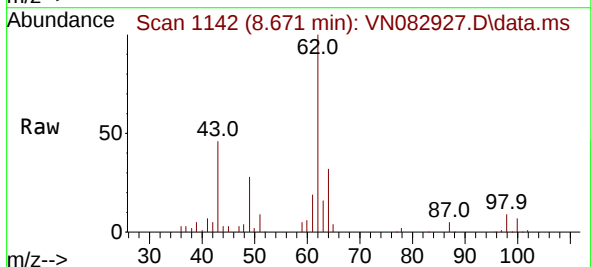
Manual Integrations
APPROVED

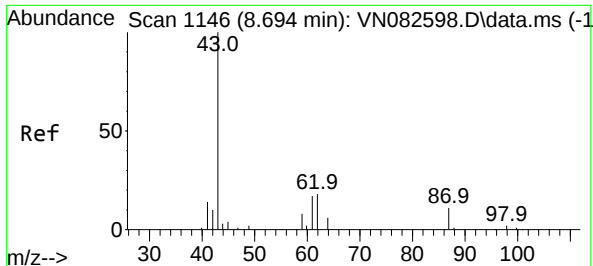
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#42
1,2-Dichloroethane
Concen: 57.361 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion: 62 Resp: 108033
Ion Ratio Lower Upper
62 100
98 8.8 0.0 15.8





#43

Isopropyl Acetate

Concen: 57.869 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 187410

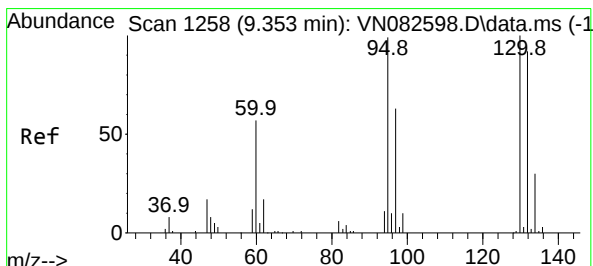
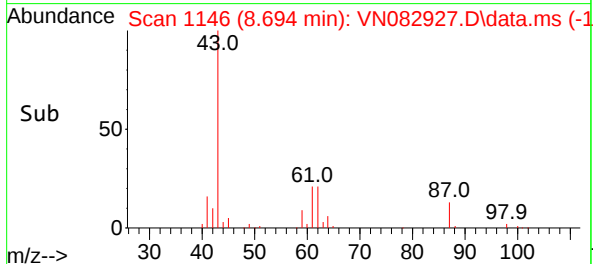
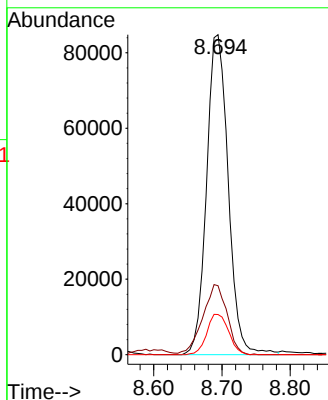
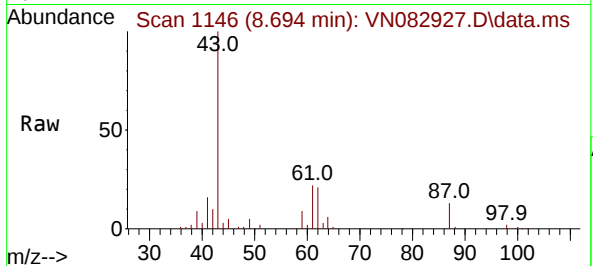
Ion	Ratio	Lower	Upper
43	100		
61	24.6	17.8	26.6
87	12.7	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#44

Trichloroethene

Concen: 51.248 ug/l

RT: 9.353 min Scan# 1258

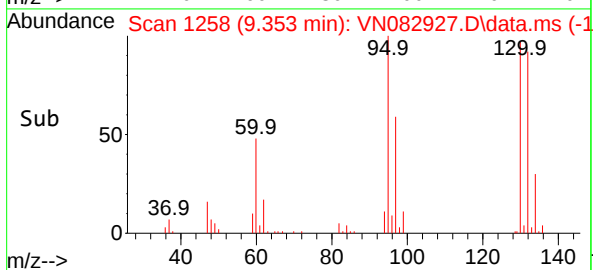
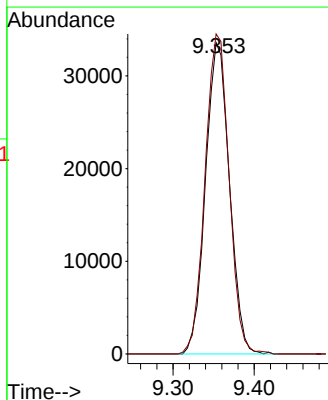
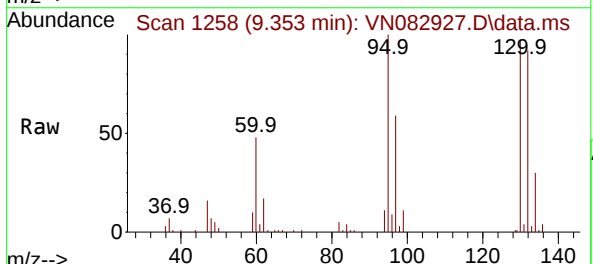
Delta R.T. -0.000 min

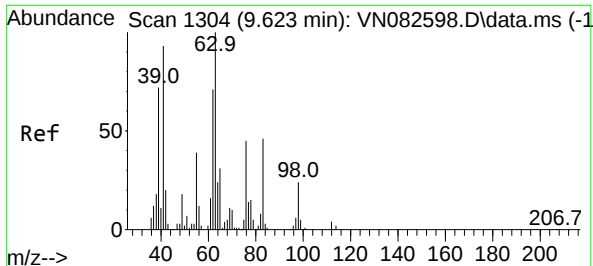
Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

Tgt Ion:130 Resp: 68690

Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	197.8





#45

1,2-Dichloropropane

Concen: 61.034 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7454

Ion Ratio Lower Upper

63 100

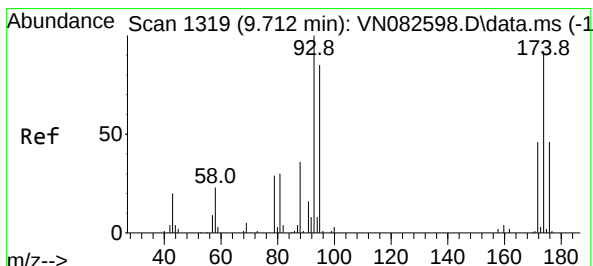
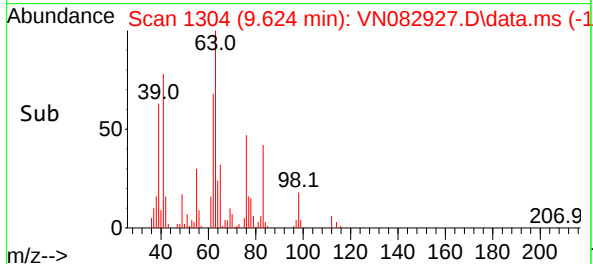
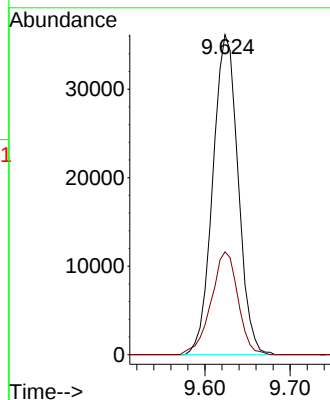
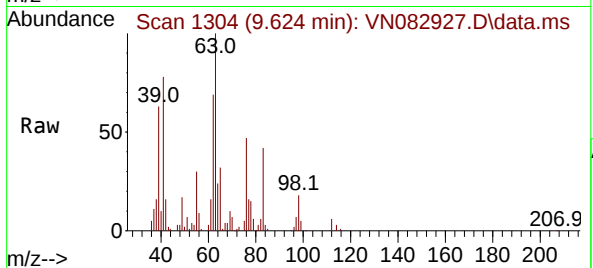
65 32.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#46

Dibromomethane

Concen: 58.167 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

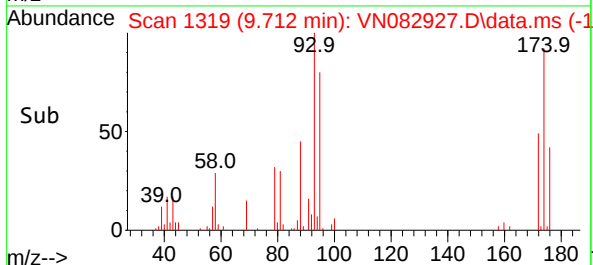
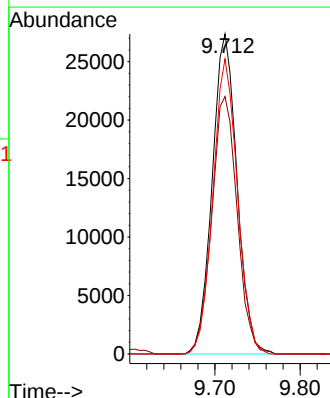
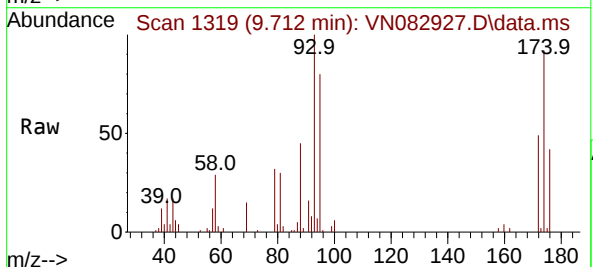
Tgt Ion: 93 Resp: 55348

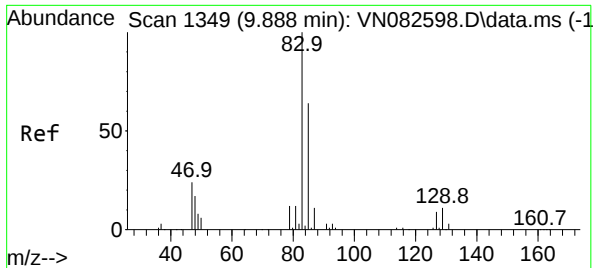
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.6

174 91.3 71.7 107.5





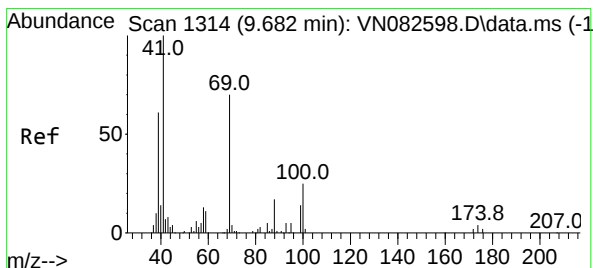
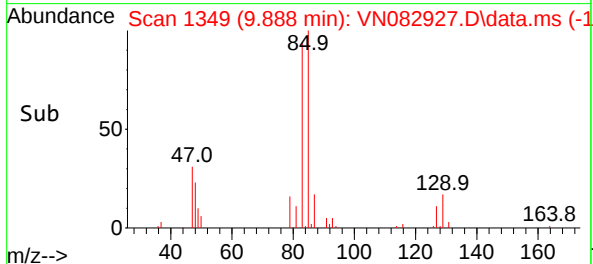
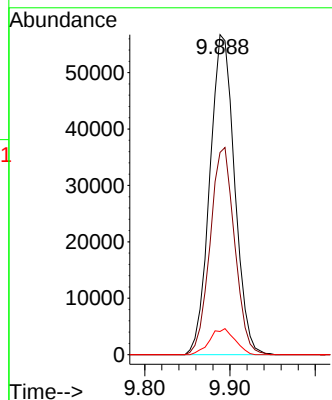
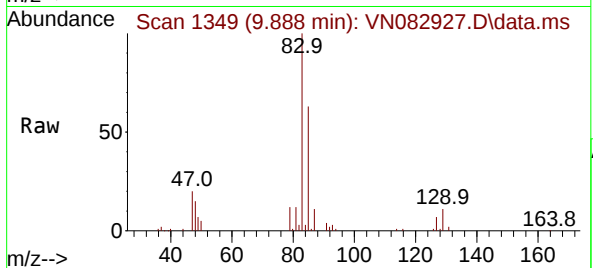
#47
Bromodichloromethane
Concen: 58.285 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 114594
Ion Ratio Lower Upper
83 100
85 63.2 51.1 76.7
127 7.3 7.2 10.8

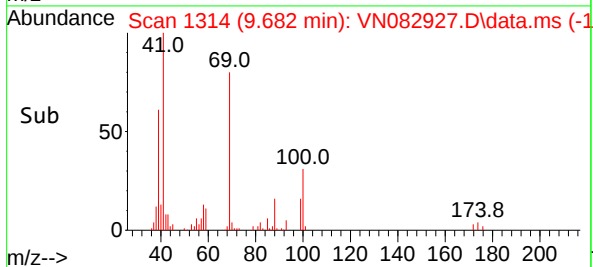
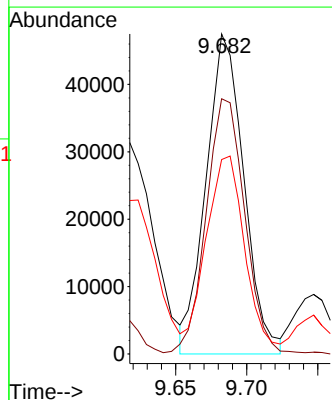
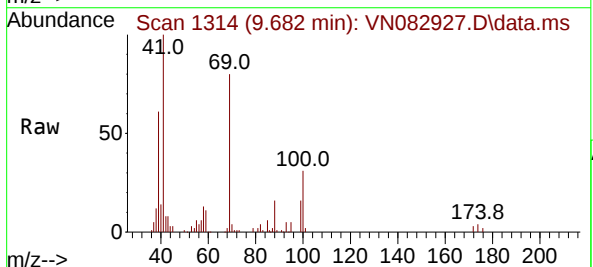
Manual Integrations
APPROVED

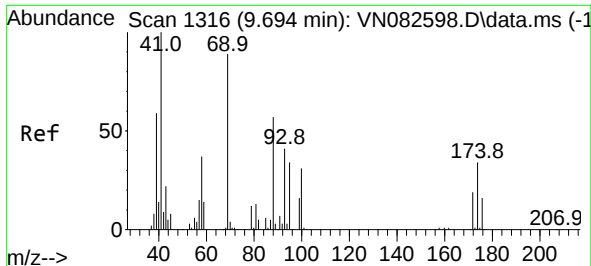
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#48
Methyl methacrylate
Concen: 64.649 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion: 41 Resp: 87776
Ion Ratio Lower Upper
41 100
69 81.8 56.3 84.5
39 64.2 50.3 75.5





#49

1,4-Dioxane

Concen: 1314.591 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

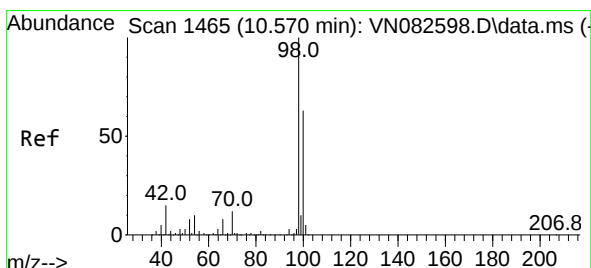
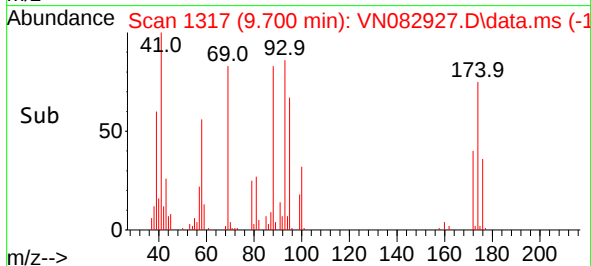
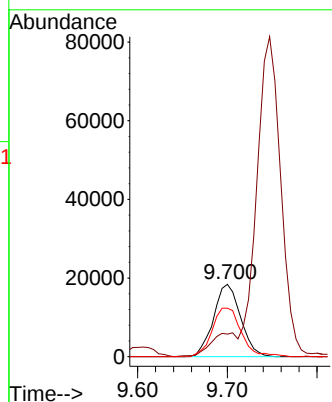
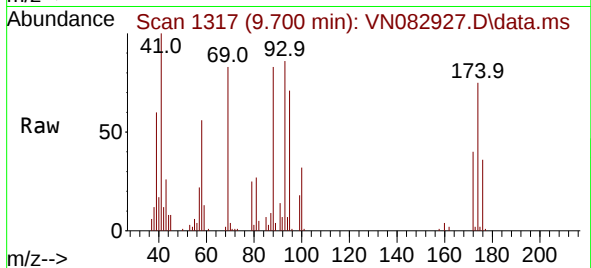
Tgt Ion:	88	Resp:	3853
Ion Ratio	Lower	Upper	
88	100		
43	23.0	27.8	41.8
58	72.3	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#50

Toluene-d8

Concen: 57.905 ug/l

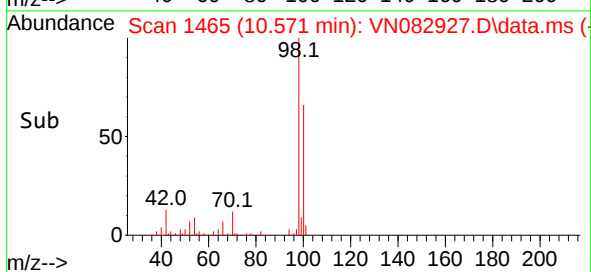
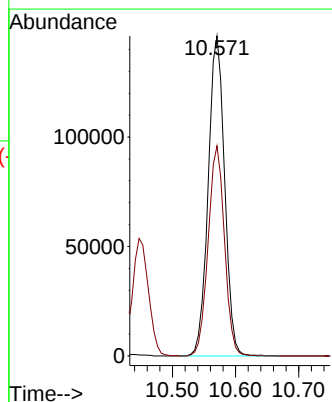
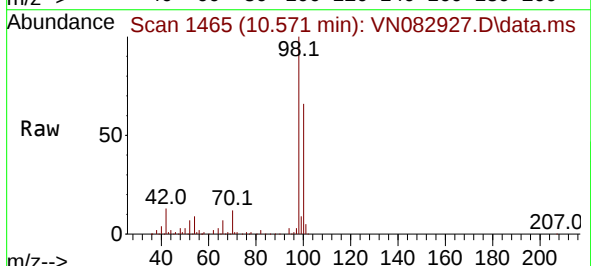
RT: 10.571 min Scan# 1465

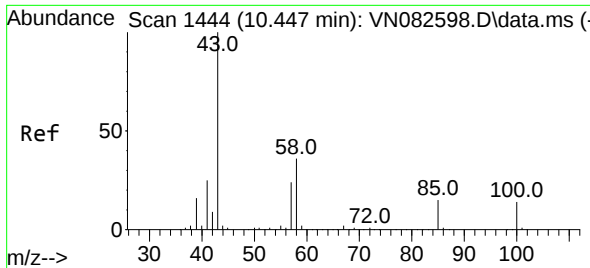
Delta R.T. 0.001 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

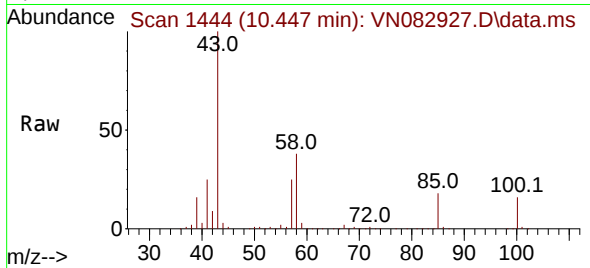
Tgt Ion:	98	Resp:	263826
Ion Ratio	Lower	Upper	
98	100		
100	65.4	51.5	77.3





#51
4-Methyl-2-Pentanone
Concen: 353.907 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

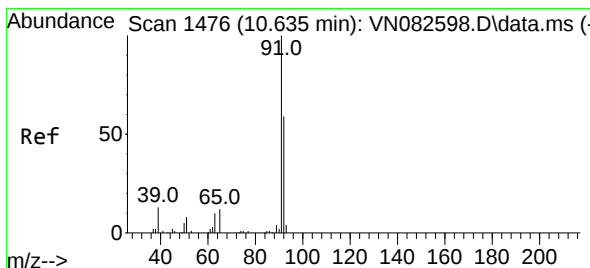
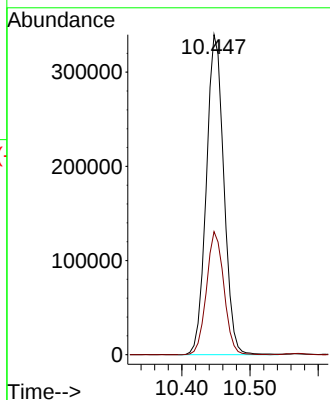
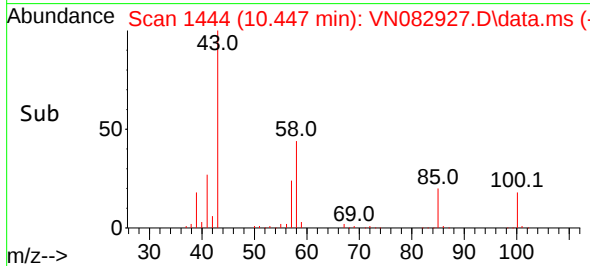
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 60752
Ion Ratio Lower Upper
43 100
58 38.2 28.2 42.4

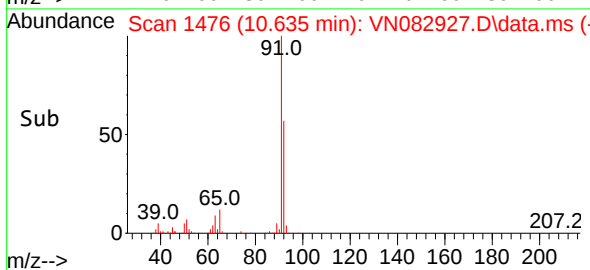
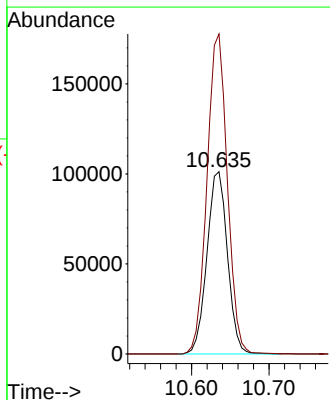
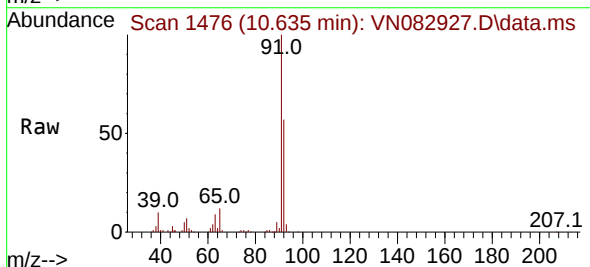
Manual Integrations
APPROVED

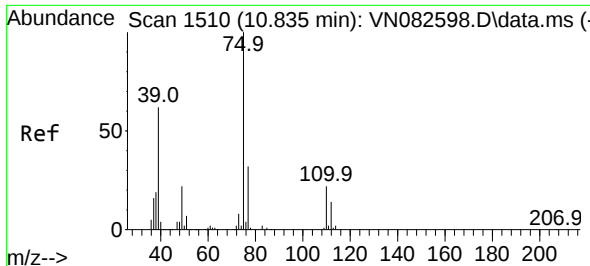
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#52
Toluene
Concen: 57.118 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

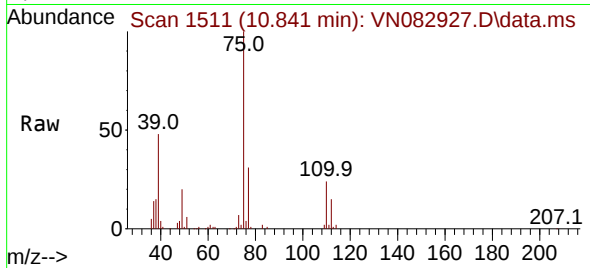
Tgt Ion: 92 Resp: 186665
Ion Ratio Lower Upper
92 100
91 174.1 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 55.499 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

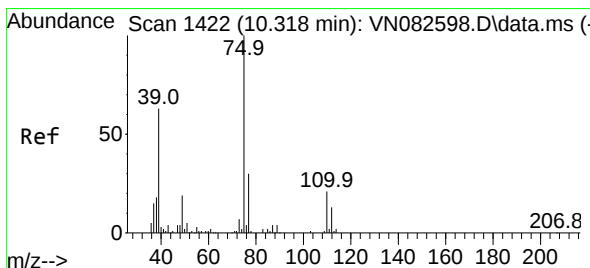
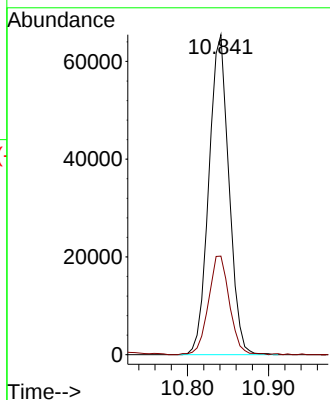
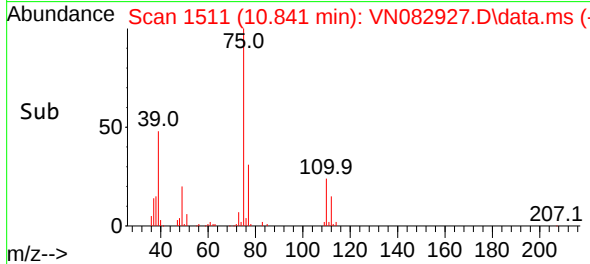
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 112408
Ion Ratio Lower Upper
75 100
77 30.8 25.7 38.5

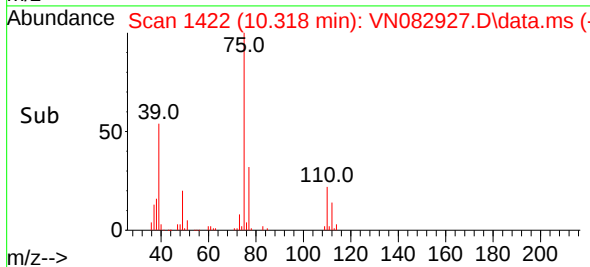
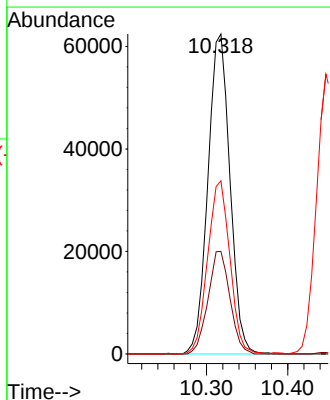
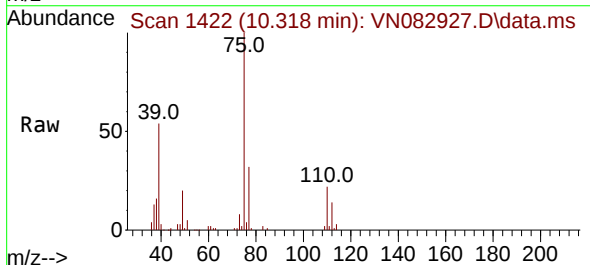
Manual Integrations
APPROVED

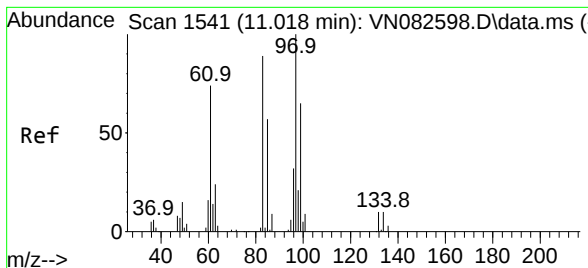
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#54
cis-1,3-Dichloropropene
Concen: 54.928 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

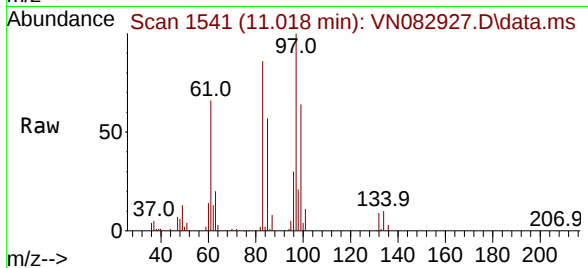
Tgt Ion: 75 Resp: 117759
Ion Ratio Lower Upper
75 100
77 32.0 24.3 36.5
39 54.1 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 61.286 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

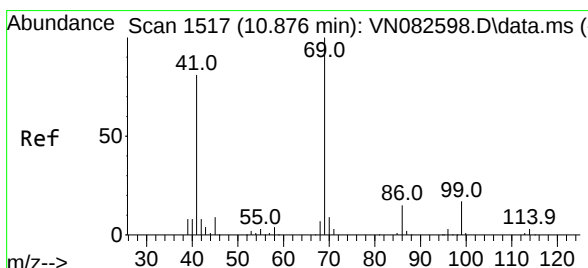
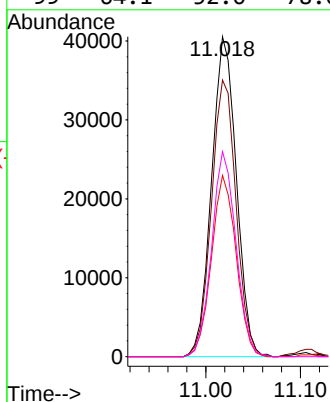
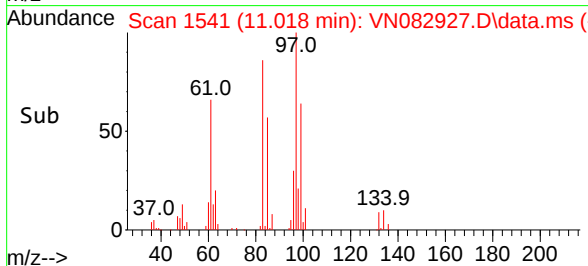
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



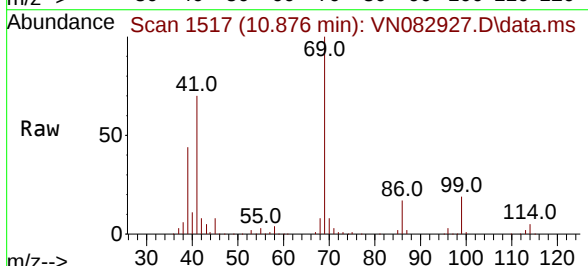
Tgt Ion: 97 Resp: 73650
Ion Ratio Lower Upper
97 100
83 86.4 71.4 107.0
85 56.7 45.8 68.6
99 64.1 52.0 78.0

Manual Integrations
APPROVED

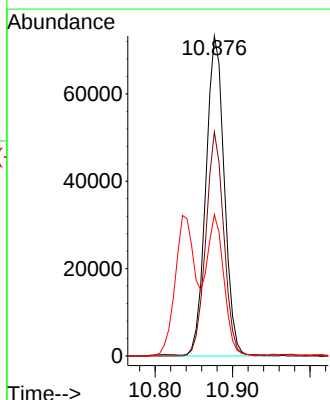
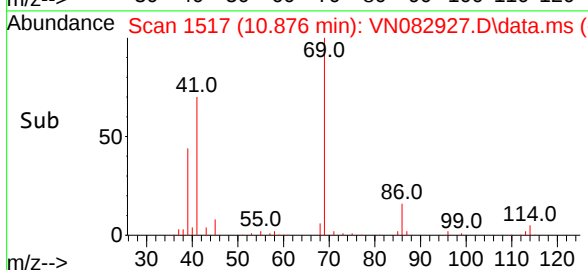
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

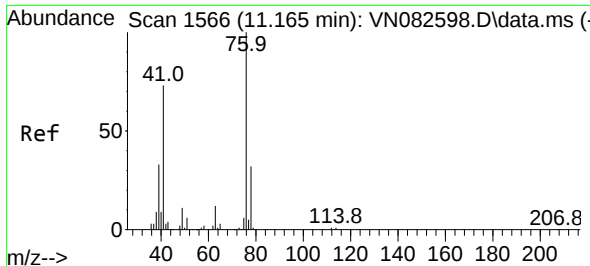


#56
Ethyl methacrylate
Concen: 64.521 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08



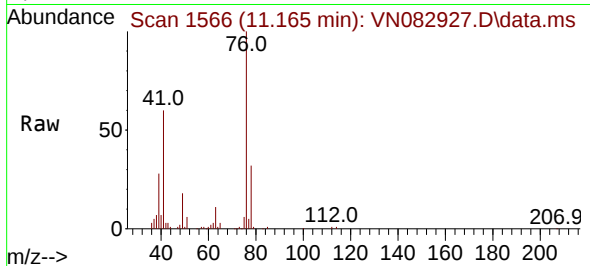
Tgt Ion: 69 Resp: 120632
Ion Ratio Lower Upper
69 100
41 67.7 63.4 95.2
39 41.1 37.4 56.0





#57
1,3-Dichloropropane
Concen: 59.515 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

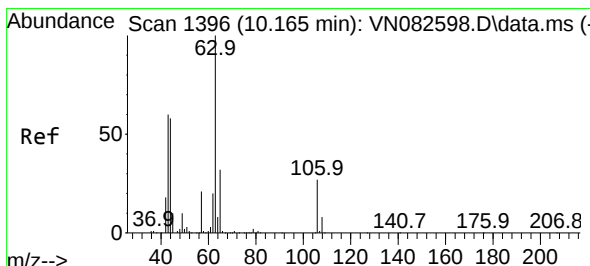
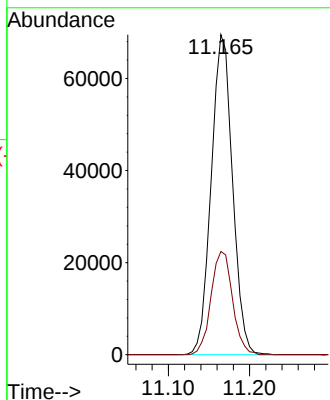
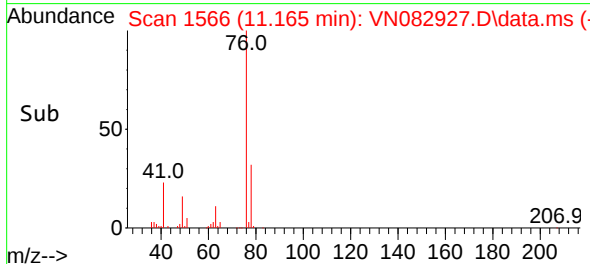
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 12660
Ion Ratio Lower Upper
76 100
78 32.5 25.6 38.4

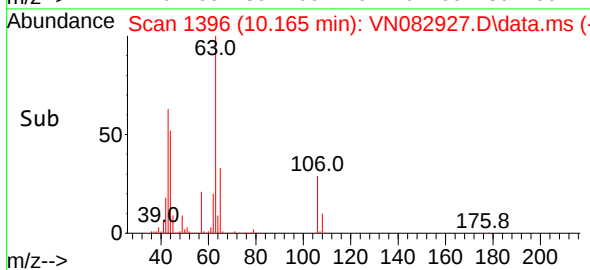
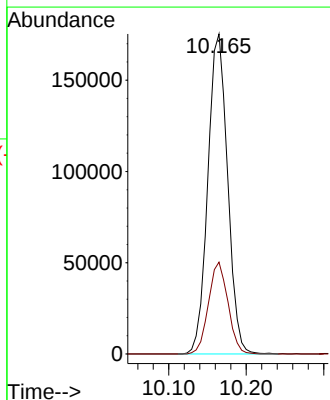
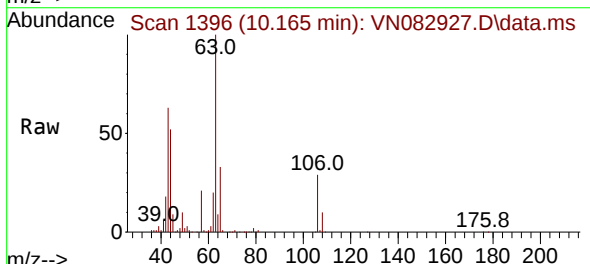
Manual Integrations
APPROVED

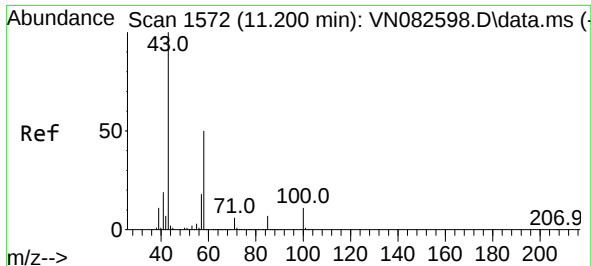
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#58
2-Chloroethyl Vinyl ether
Concen: 323.314 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

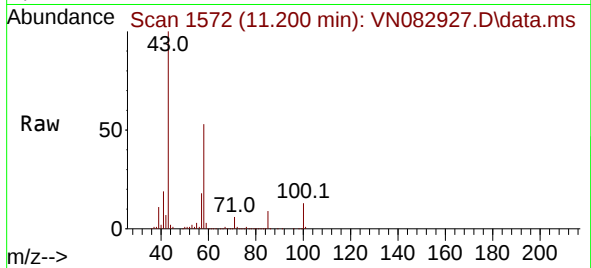
Tgt Ion: 63 Resp: 310178
Ion Ratio Lower Upper
63 100
106 28.3 21.4 32.0





#59
2-Hexanone
Concen: 366.355 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

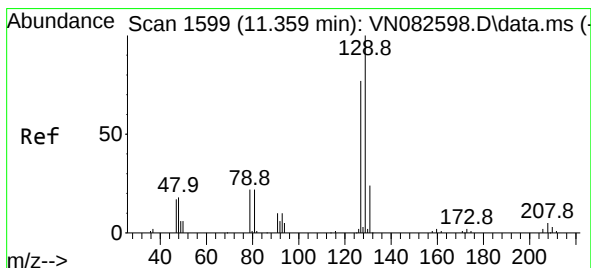
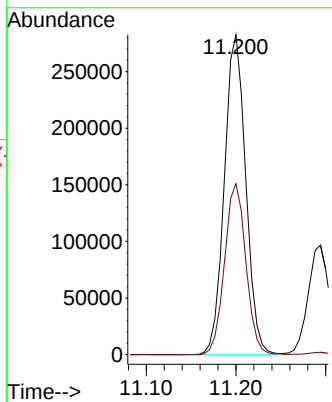
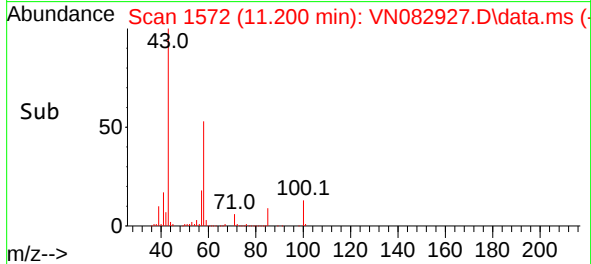
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 46757
Ion Ratio Lower Upper
43 100
58 53.3 24.6 73.8

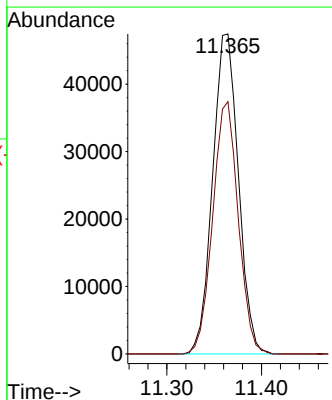
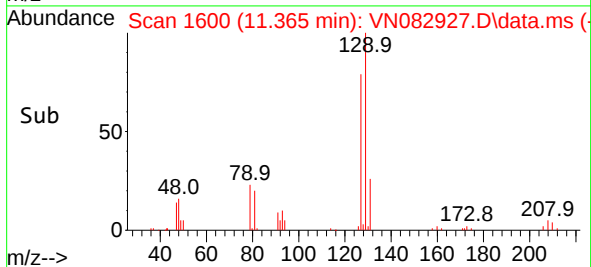
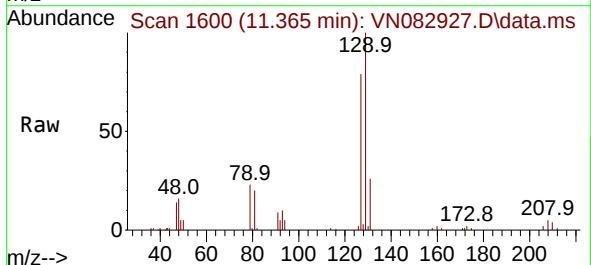
Manual Integrations
APPROVED

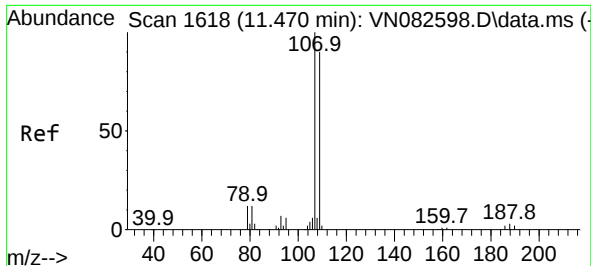
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#60
Dibromochloromethane
Concen: 58.639 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion:129 Resp: 89754
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6





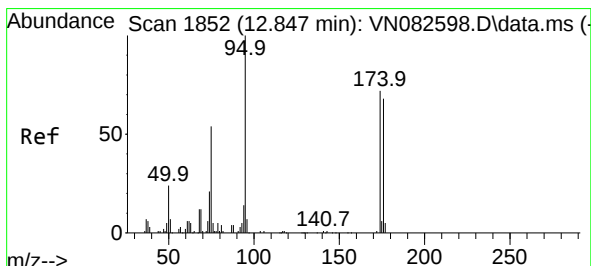
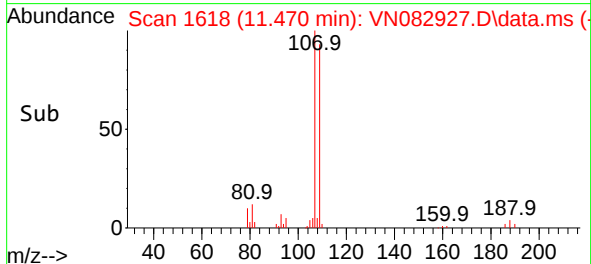
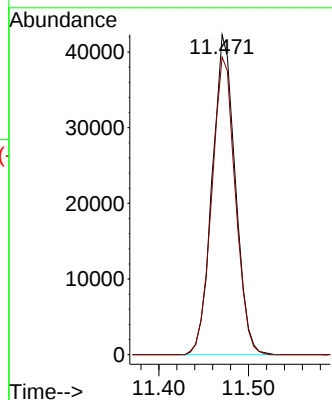
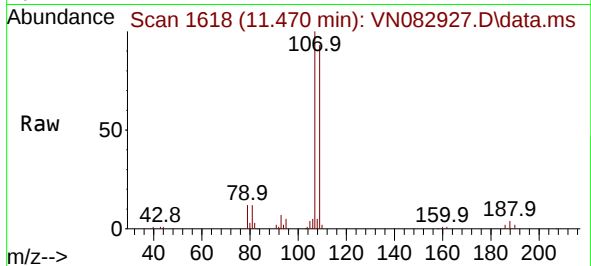
#61
1,2-Dibromoethane
Concen: 59.108 ug/l
RT: 11.470 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 75434
Ion Ratio Lower Upper
107 100
109 94.8 73.7 110.5

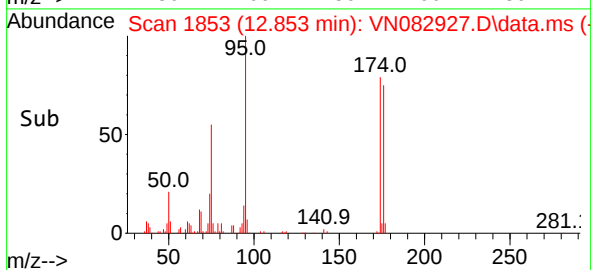
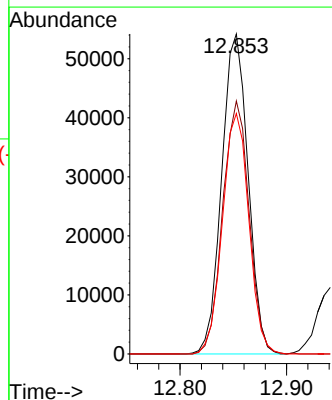
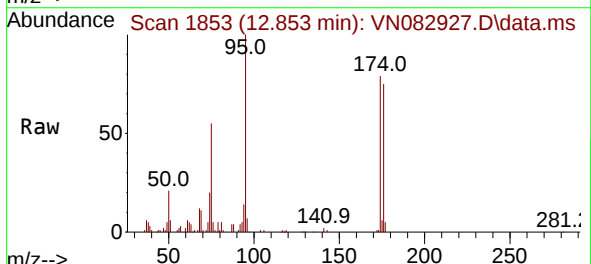
Manual Integrations
APPROVED

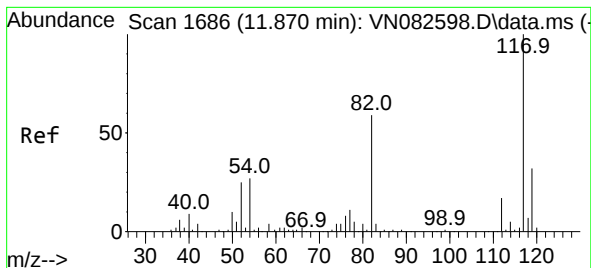
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#62
4-Bromofluorobenzene
Concen: 56.915 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion: 95 Resp: 93149
Ion Ratio Lower Upper
95 100
174 79.3 0.0 159.2
176 75.3 0.0 147.6





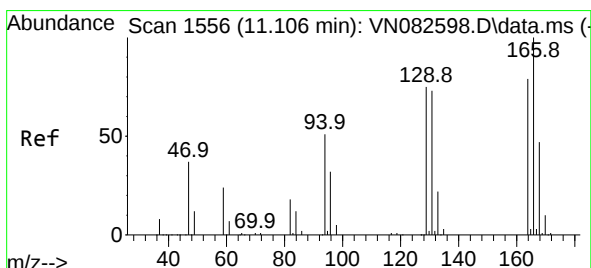
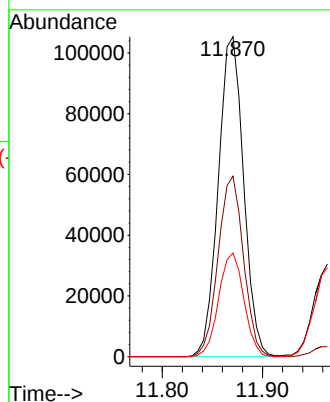
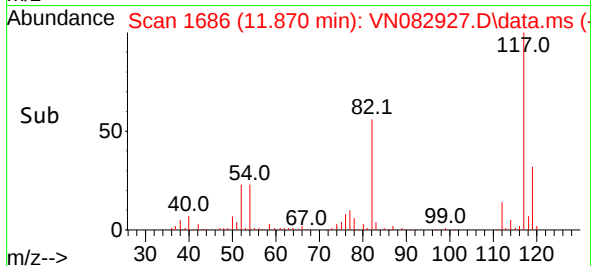
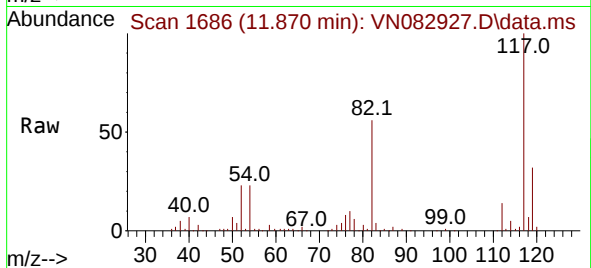
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 18480
Ion Ratio Lower Upper
117 100
82 56.4 47.5 71.3
119 32.4 25.6 38.4

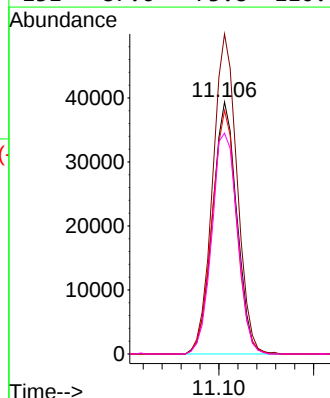
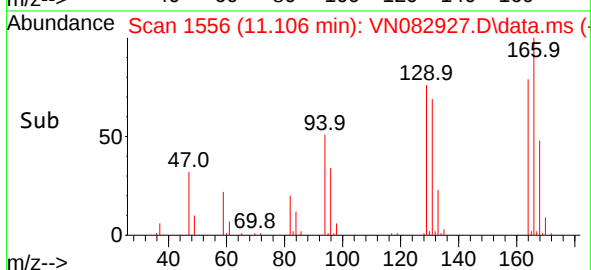
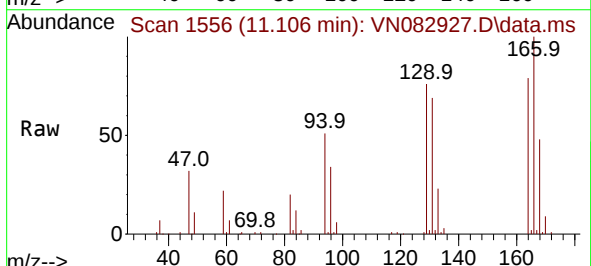
Manual Integrations
APPROVED

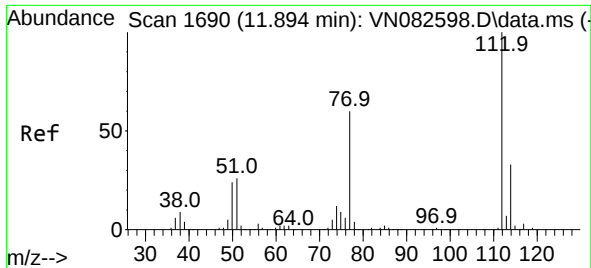
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#64
Tetrachloroethene
Concen: 51.033 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

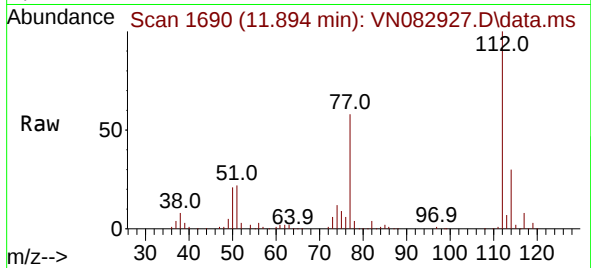
Tgt Ion:164 Resp: 70363
Ion Ratio Lower Upper
164 100
166 127.0 101.4 152.0
129 96.6 75.7 113.5
131 87.6 73.8 110.6





#65
Chlorobenzene
Concen: 52.155 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

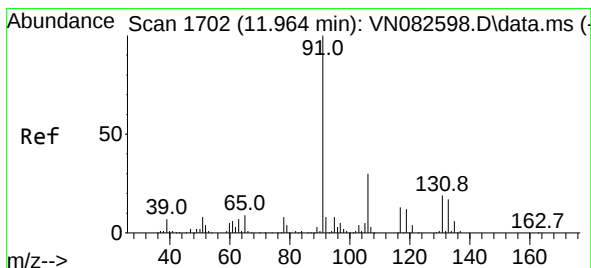
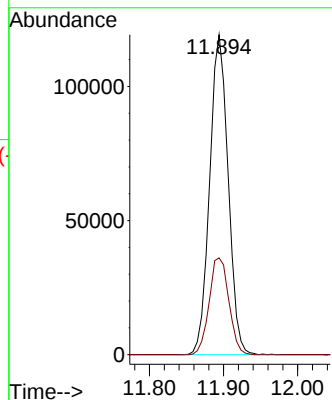
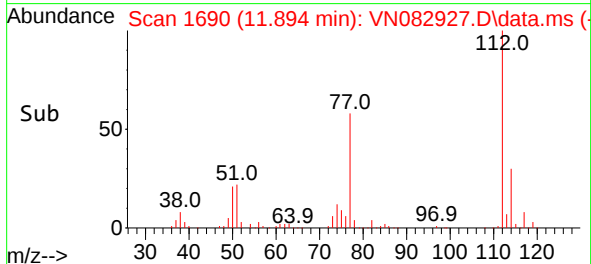
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 20653
Ion Ratio Lower Upper
112 100
114 30.3 26.2 39.2

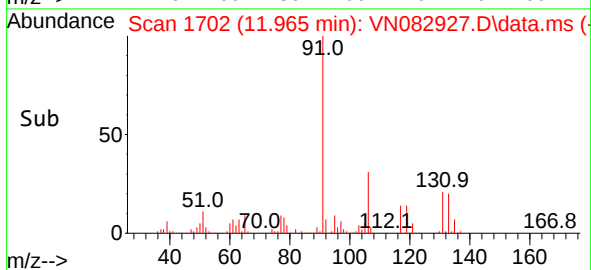
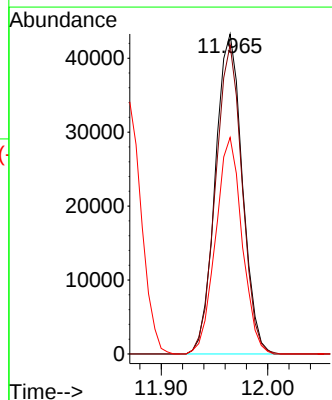
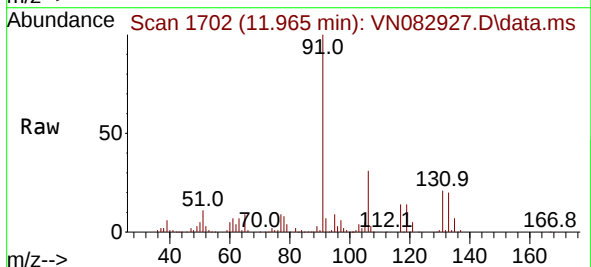
Manual Integrations
APPROVED

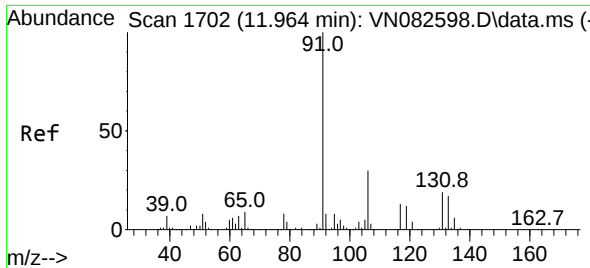
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.069 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion:131 Resp: 76162
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 66.4 32.5 97.4





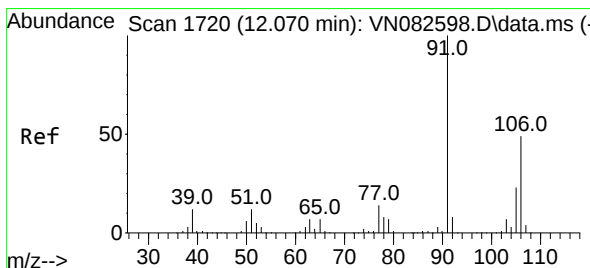
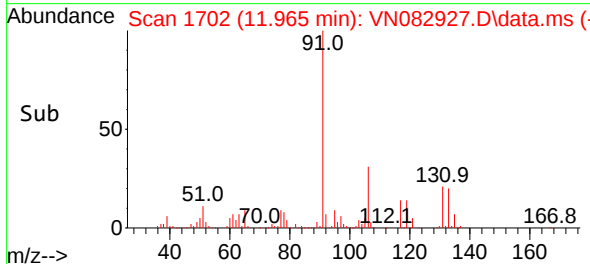
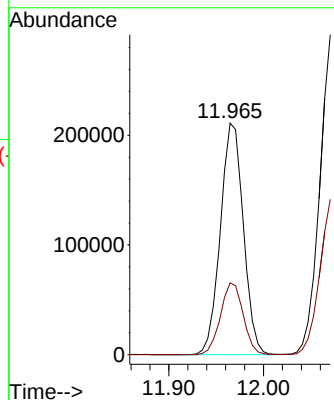
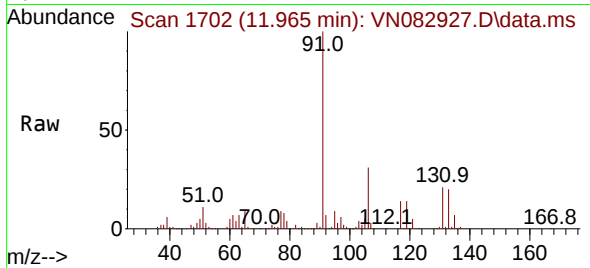
#67
Ethyl Benzene
Concen: 53.577 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 356593
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0

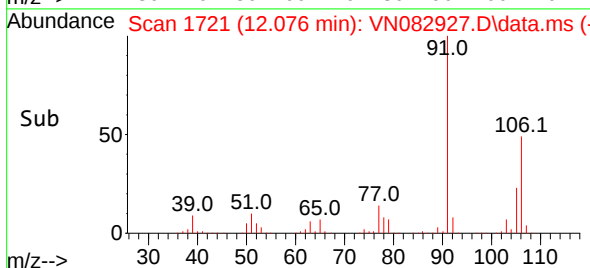
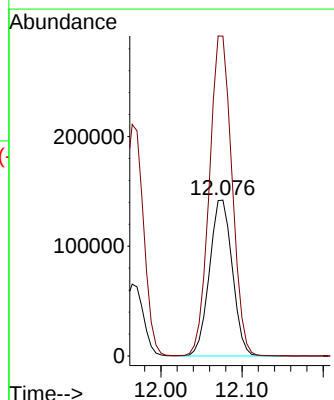
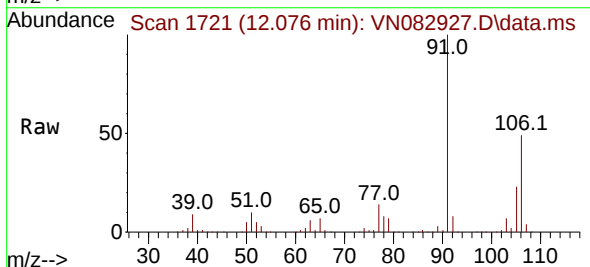
Manual Integrations
APPROVED

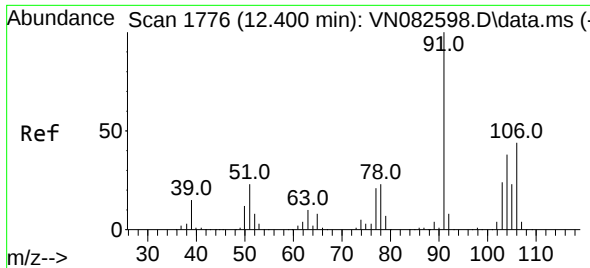
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#68
m/p-Xylenes
Concen: 110.614 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion:106 Resp: 277950
Ion Ratio Lower Upper
106 100
91 203.3 166.1 249.1





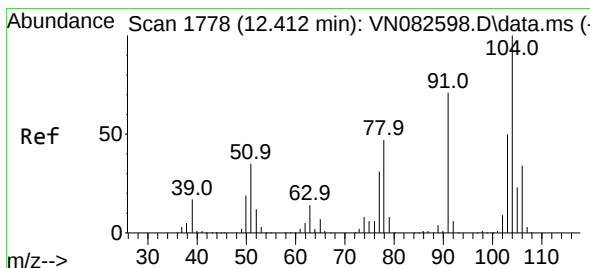
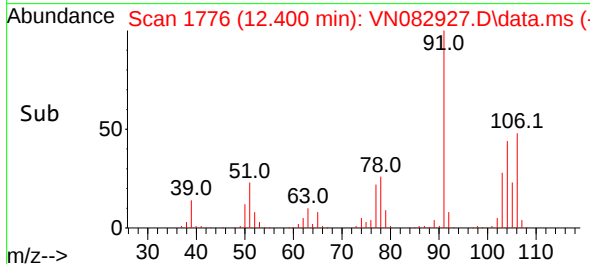
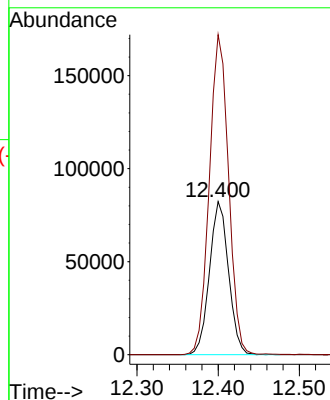
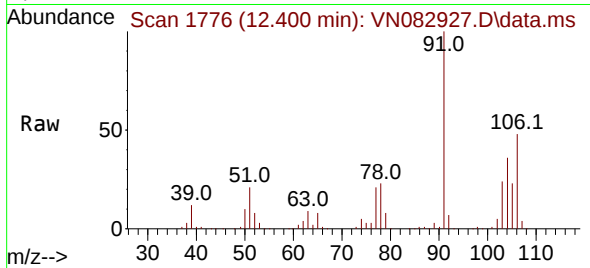
#69
o-Xylene
Concen: 55.728 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 13417
Ion Ratio Lower Upper
106 100
91 210.9 111.3 333.9

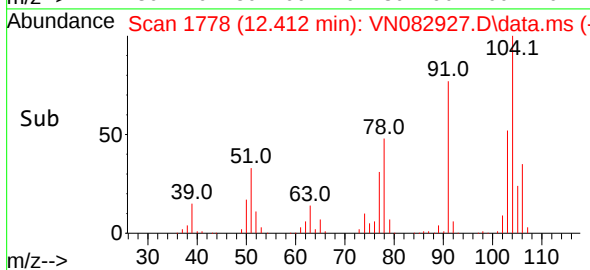
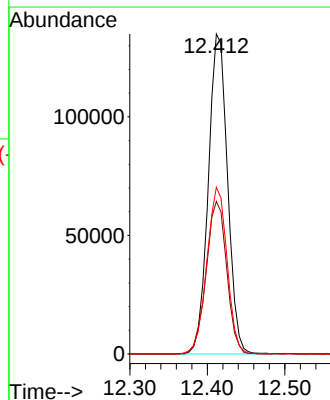
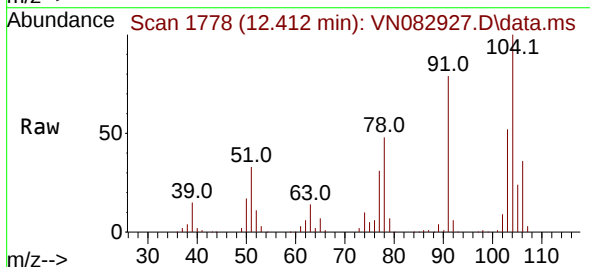
Manual Integrations
APPROVED

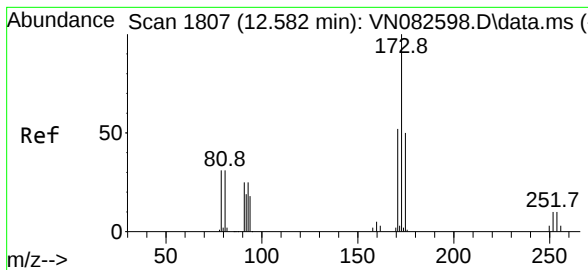
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#70
Styrene
Concen: 58.448 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

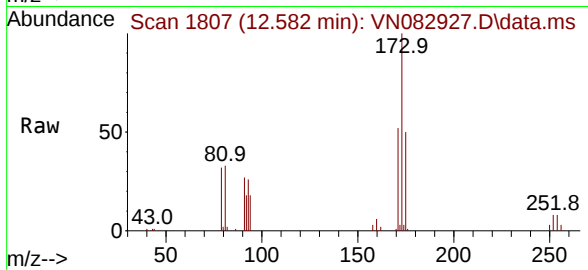
Tgt Ion:104 Resp: 232519
Ion Ratio Lower Upper
104 100
78 51.0 41.6 62.4
103 54.9 44.0 66.0





#71
Bromoform
Concen: 56.376 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

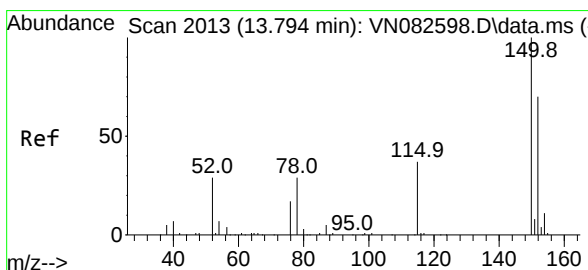
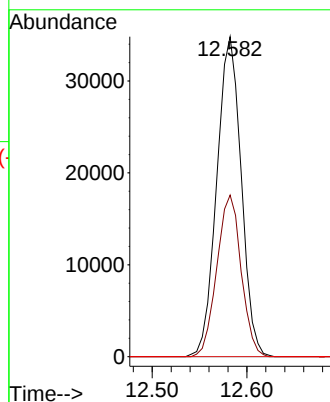
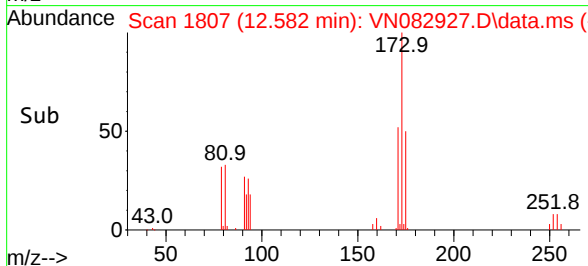
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 62452
Ion Ratio Lower Upper
173 100
175 50.1 24.0 72.0
254 0.0 0.0 0.0

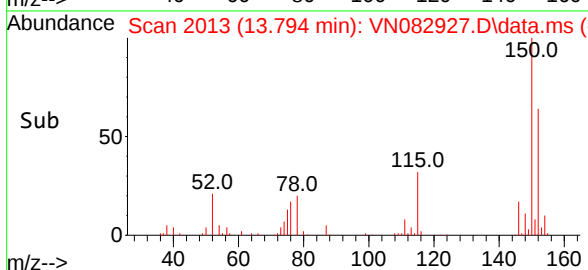
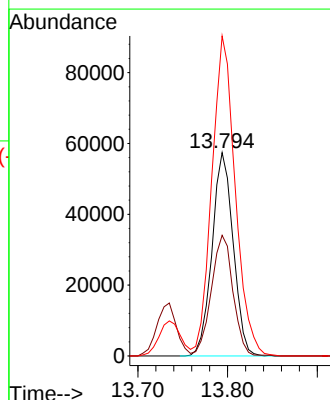
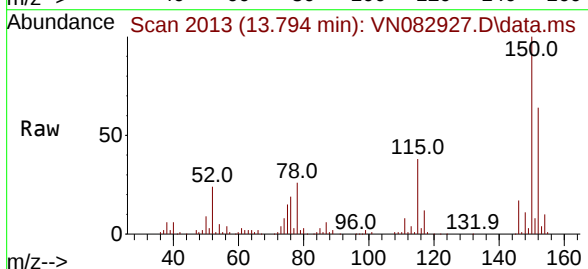
Manual Integrations
APPROVED

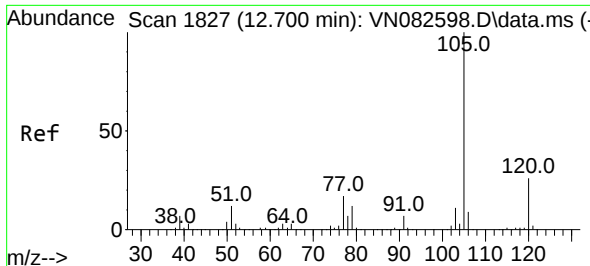
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion:152 Resp: 93885
Ion Ratio Lower Upper
152 100
115 61.0 30.6 91.6
150 174.1 0.0 348.6





#73
Isopropylbenzene
Concen: 48.390 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

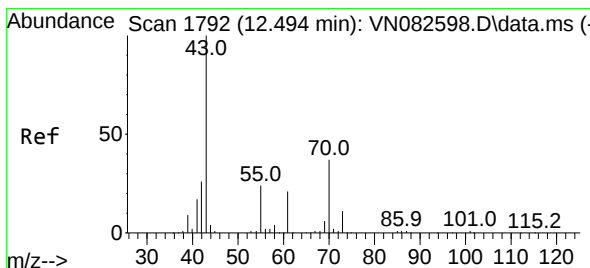
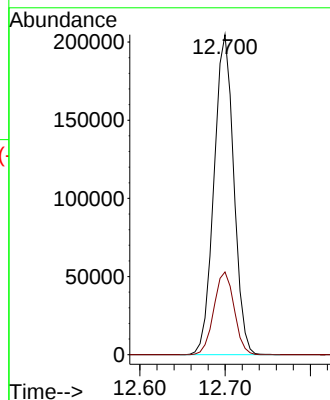
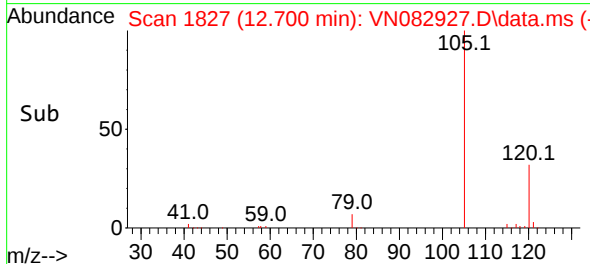
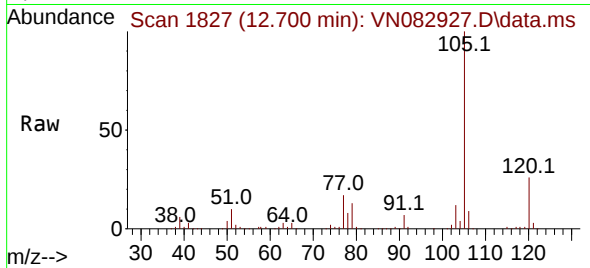
VSTDCCC050EC

Tgt Ion:105 Resp: 330124
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

Manual Integrations

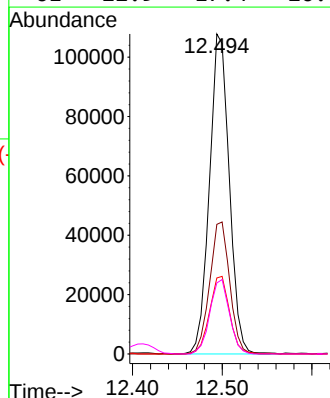
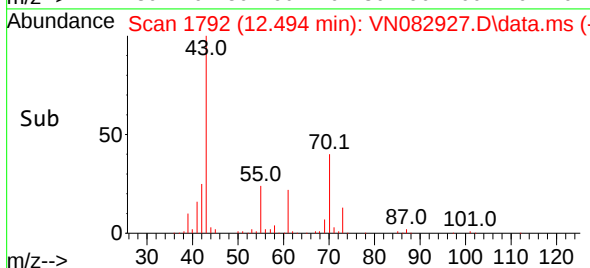
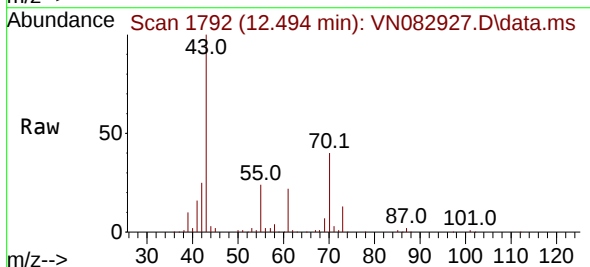
APPROVED

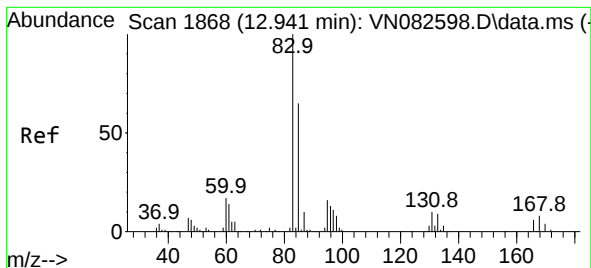
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#74
N-ethyl acetate
Concen: 58.648 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

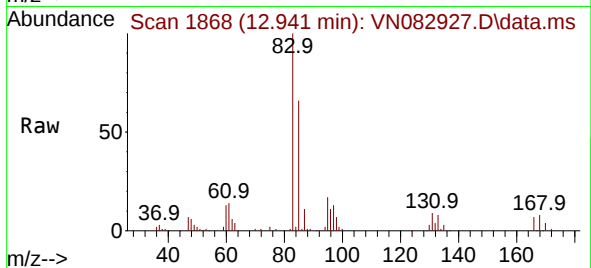
Tgt Ion: 43 Resp: 165498
Ion Ratio Lower Upper
43 100
70 41.7 29.8 44.6
55 24.6 18.7 28.1
61 22.9 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 56.389 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

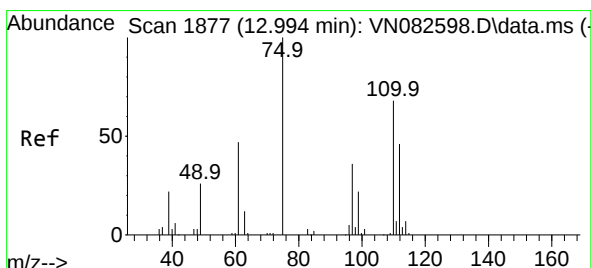
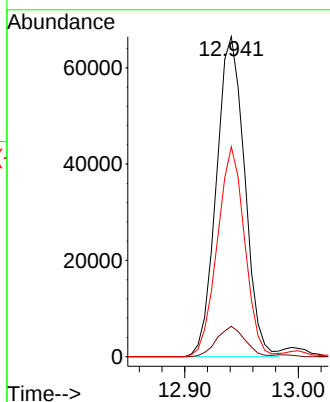
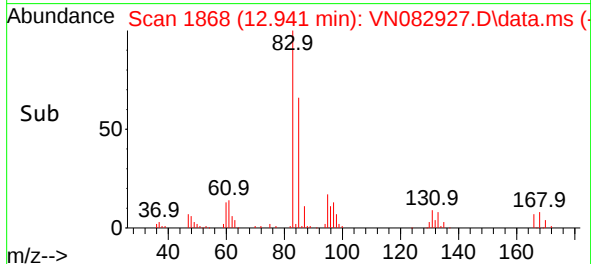
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11521
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 63.4 31.9 95.7

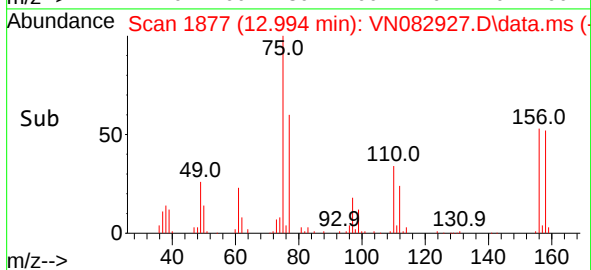
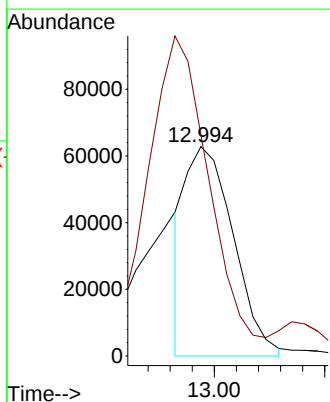
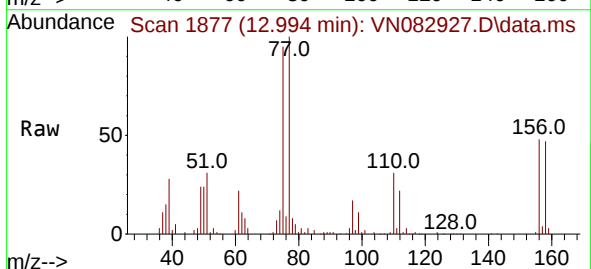
Manual Integrations
APPROVED

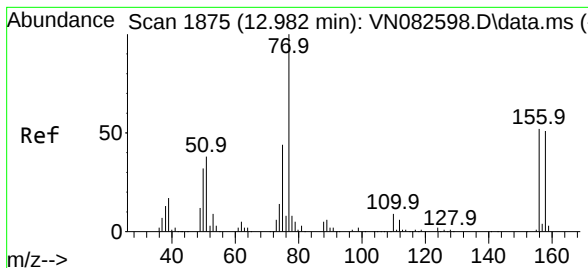
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#76
1,2,3-Trichloropropane
Concen: 58.475 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion: 75 Resp: 94650
Ion Ratio Lower Upper
75 100
77 199.6 110.9 332.6





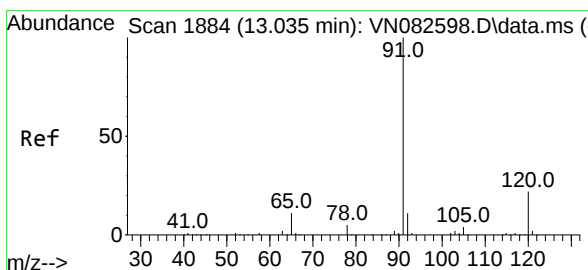
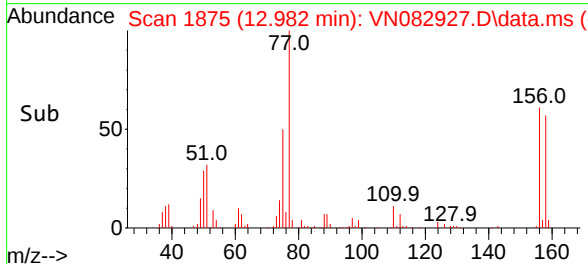
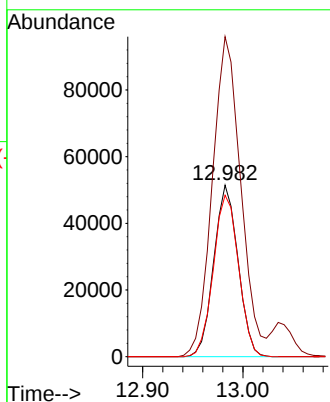
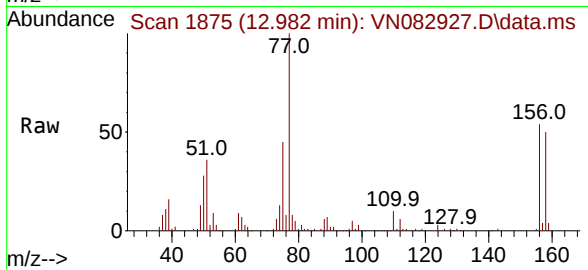
#77
Bromobenzene
Concen: 49.027 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 86280
Ion Ratio Lower Upper
156 100
77 219.0 111.3 333.8
158 97.8 48.3 144.9

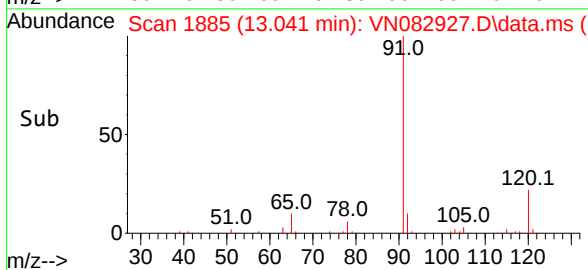
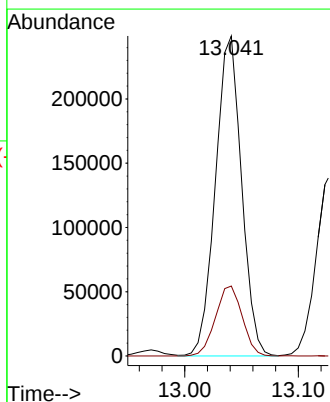
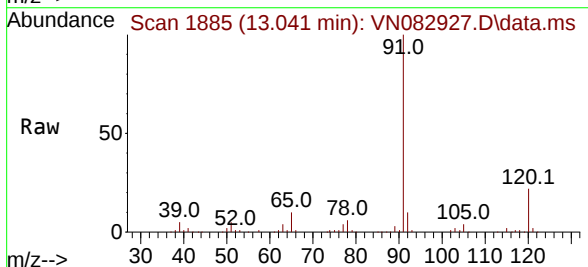
Manual Integrations
APPROVED

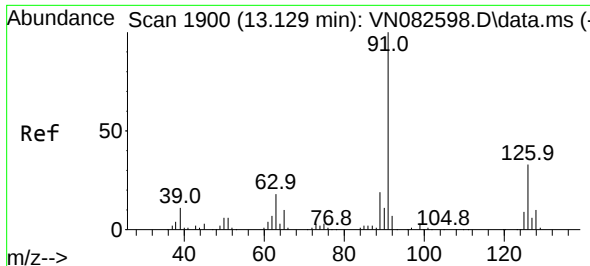
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#78
n-propylbenzene
Concen: 50.706 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion: 91 Resp: 397729
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





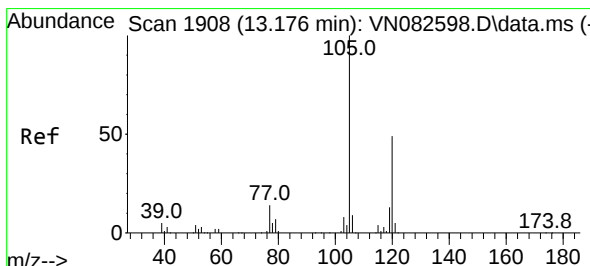
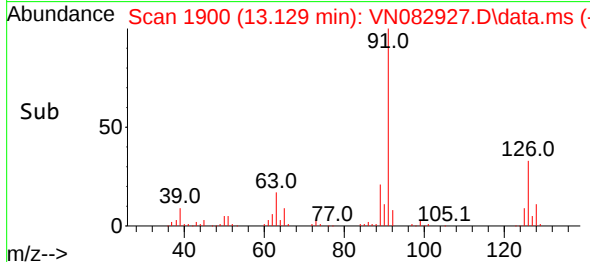
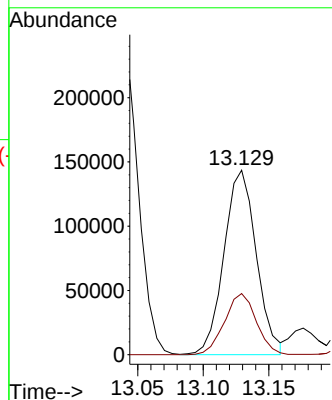
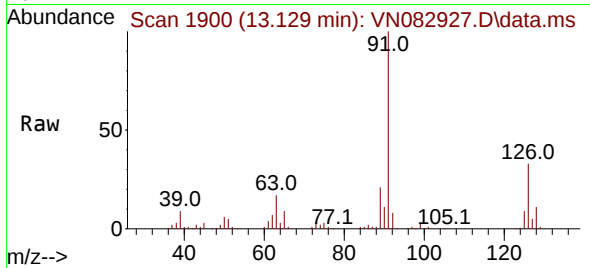
#79
2-Chlorotoluene
Concen: 49.302 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 246400
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6

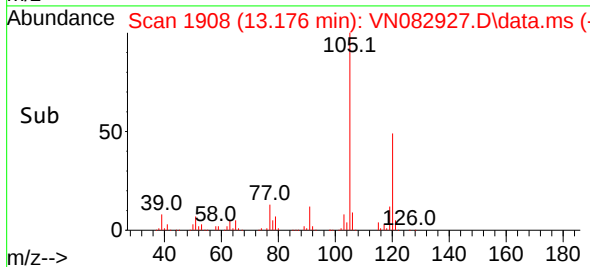
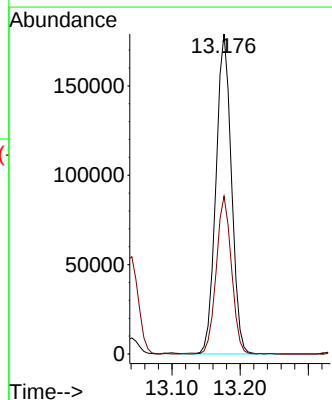
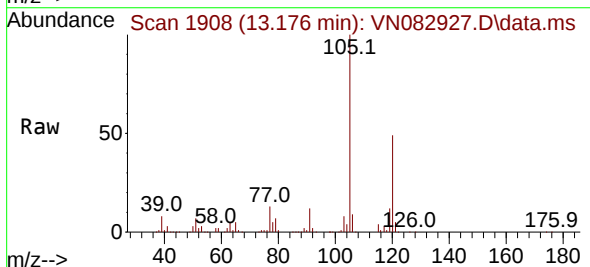
Manual Integrations
APPROVED

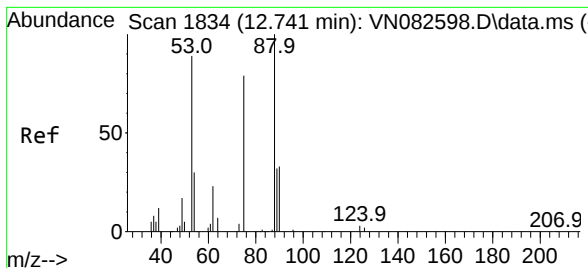
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.320 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

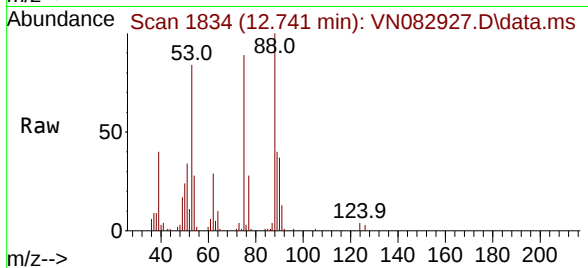
Tgt Ion:105 Resp: 283004
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 51.002 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

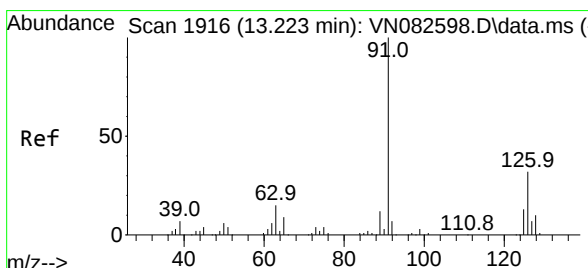
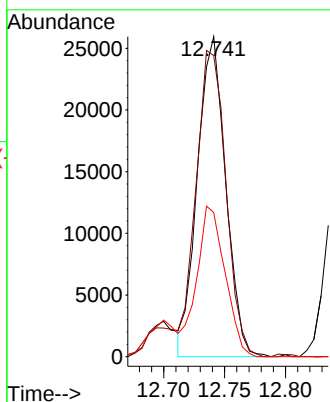
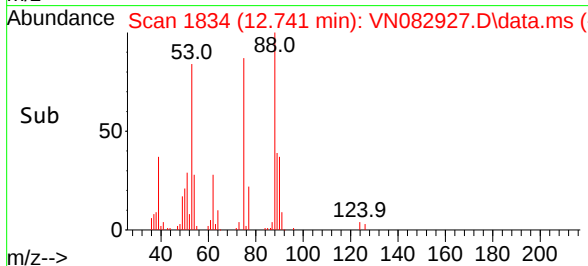
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



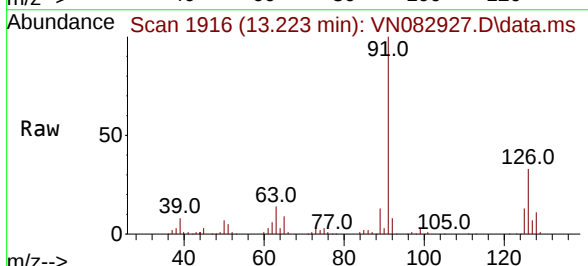
Tgt Ion: 75 Resp: 41975
Ion Ratio Lower Upper
75 100
53 111.5 88.4 132.6
89 47.4 36.3 54.5

Manual Integrations
APPROVED

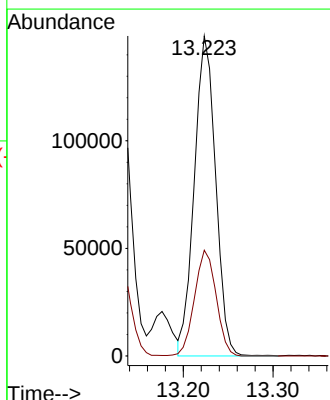
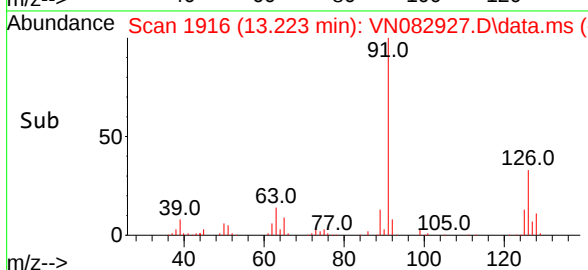
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

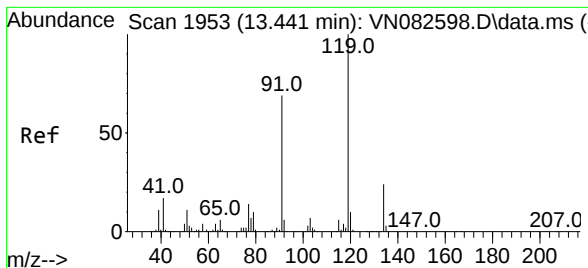


#82
4-Chlorotoluene
Concen: 49.615 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08



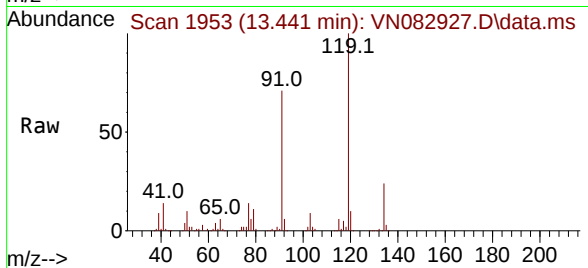
Tgt Ion: 91 Resp: 245437
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.6





#83
 tert-Butylbenzene
 Concen: 47.532 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN082927.D
 Acq: 15 Jul 2024 19:08

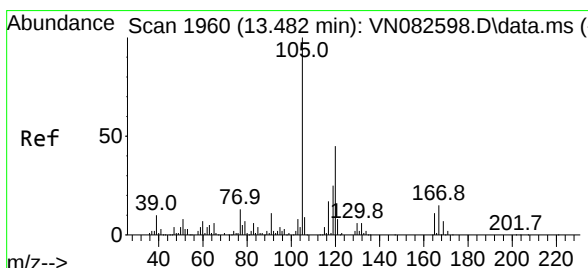
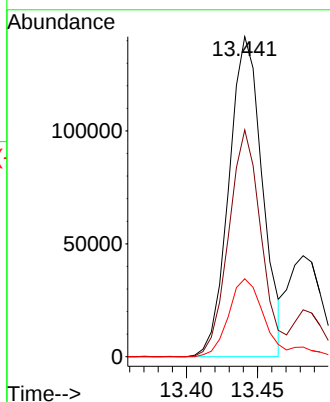
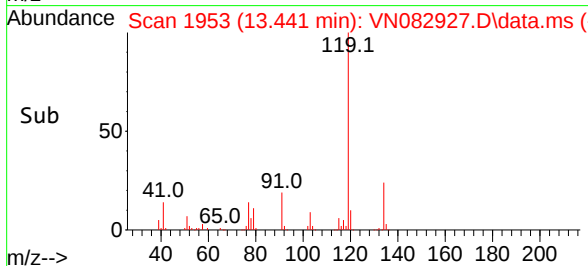
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



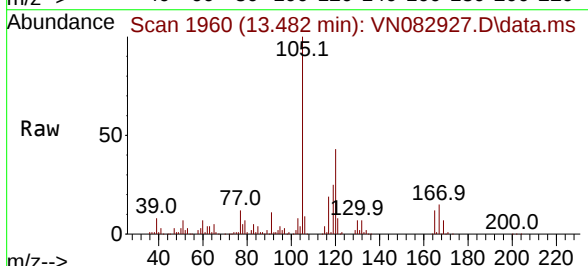
Tgt Ion:119 Resp: 232372
 Ion Ratio Lower Upper
 119 100
 91 69.3 35.0 105.1
 134 27.2 13.3 39.8

Manual Integrations
 APPROVED

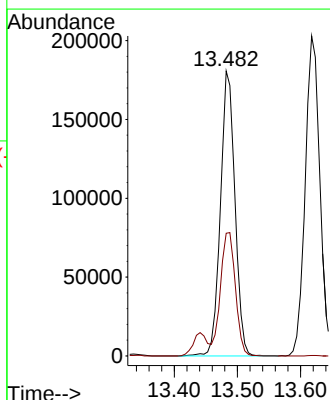
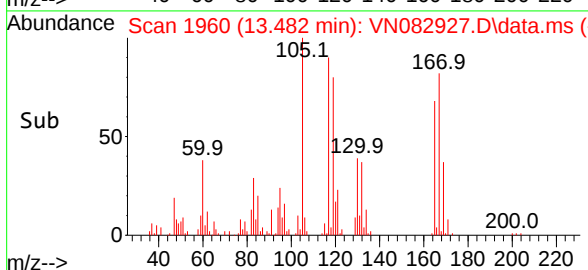
Reviewed By :John Carlone 07/16/2024
 Supervised By :Mahesh Dadoda 07/16/2024

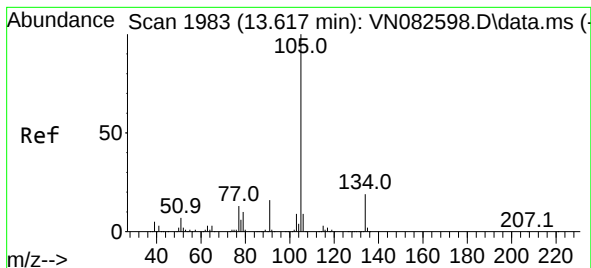


#84
 1,2,4-Trimethylbenzene
 Concen: 51.284 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN082927.D
 Acq: 15 Jul 2024 19:08



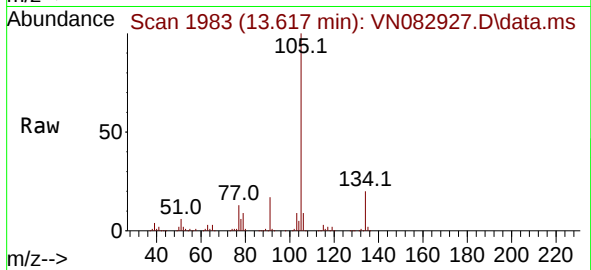
Tgt Ion:105 Resp: 288244
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 49.328 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082927.D
 Acq: 15 Jul 2024 19:08

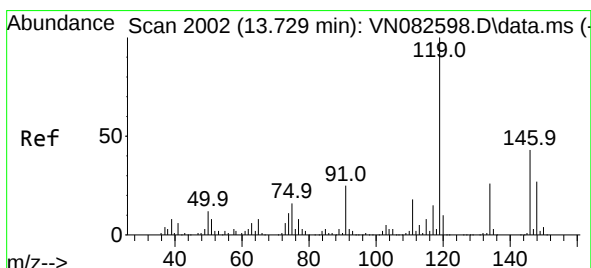
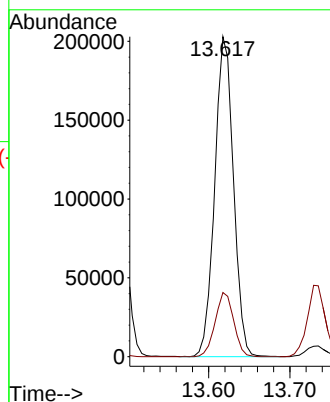
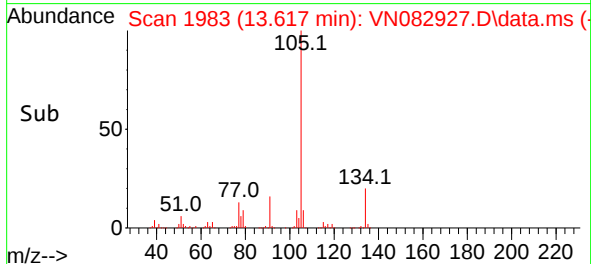
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



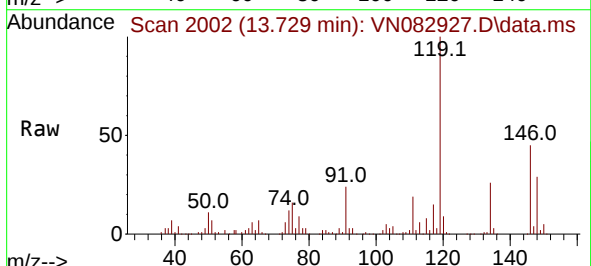
Tgt Ion:105 Resp: 32588
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
 APPROVED

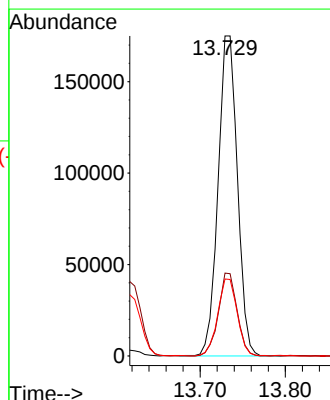
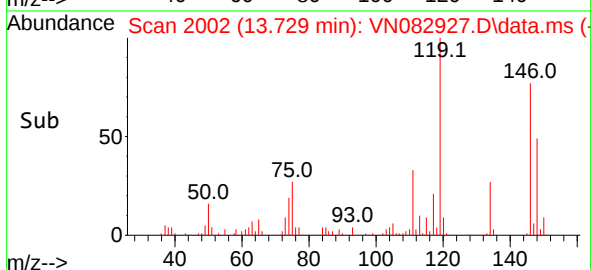
Reviewed By :John Carlone 07/16/2024
 Supervised By :Mahesh Dadoda 07/16/2024

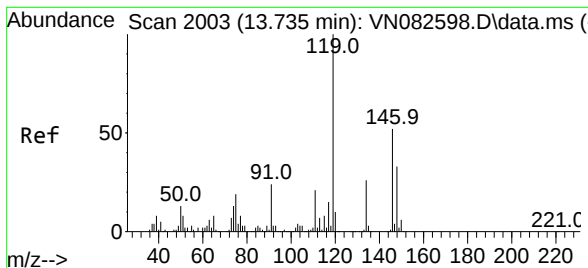


#86
 p-Isopropyltoluene
 Concen: 50.100 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082927.D
 Acq: 15 Jul 2024 19:08



Tgt Ion:119 Resp: 276148
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.0 39.0
 91 24.3 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 50.106 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 15930

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.9

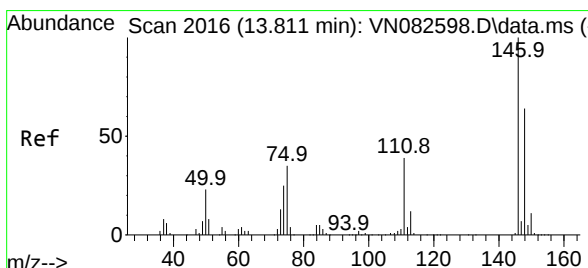
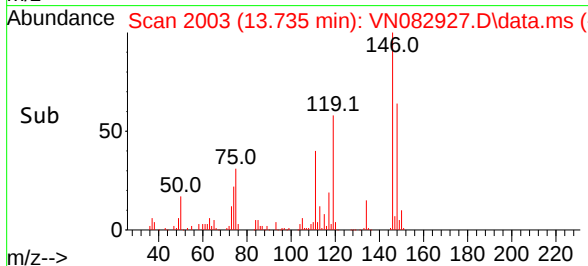
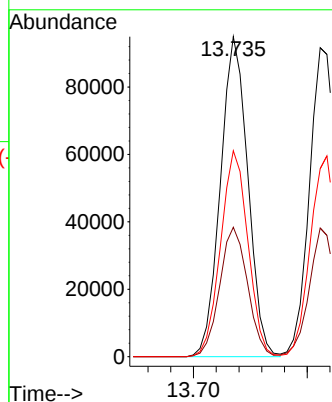
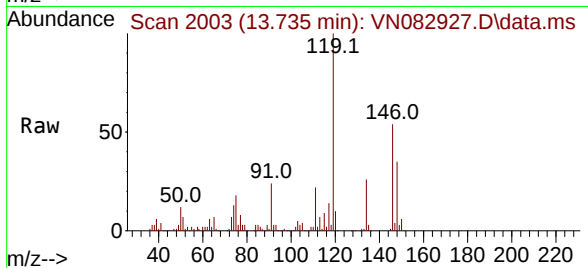
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#88

1,4-Dichlorobenzene

Concen: 47.677 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.001 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

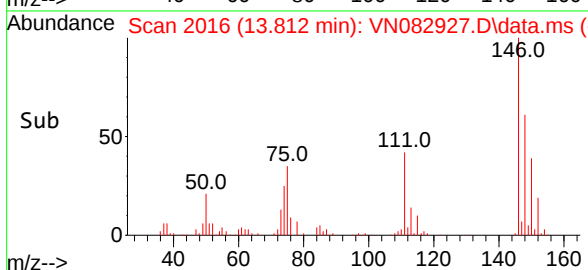
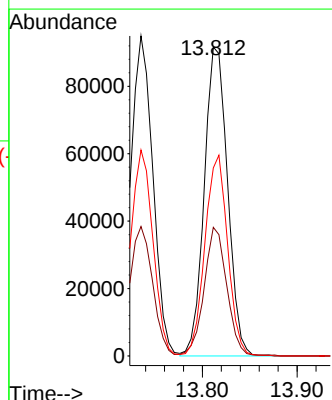
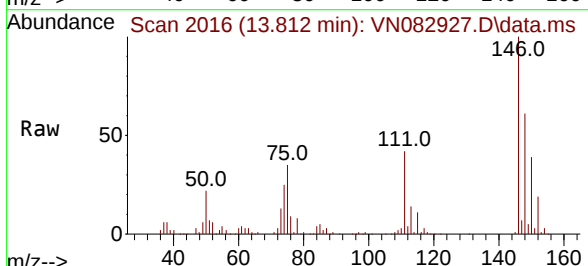
Tgt Ion:146 Resp: 156763

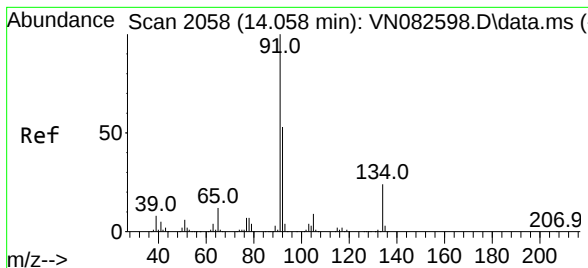
Ion Ratio Lower Upper

146 100

111 40.8 20.1 60.3

148 63.5 32.2 96.6





#89

n-Butylbenzene

Concen: 47.919 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

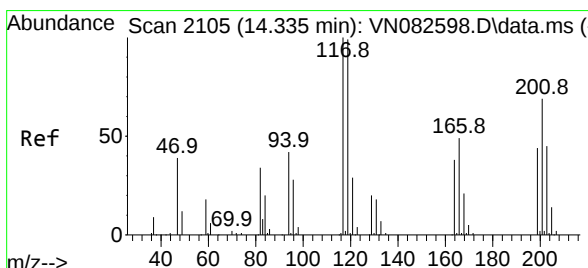
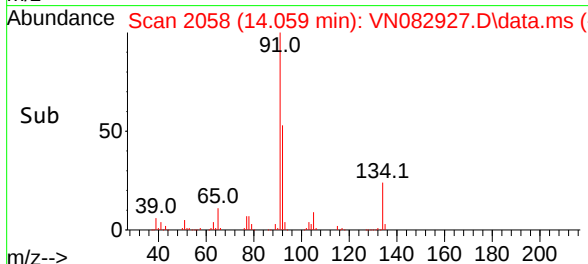
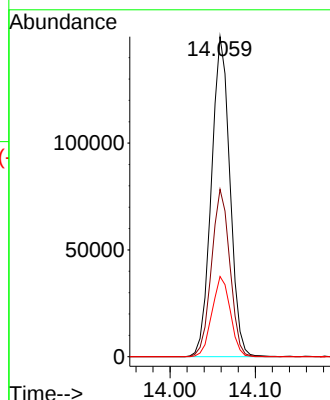
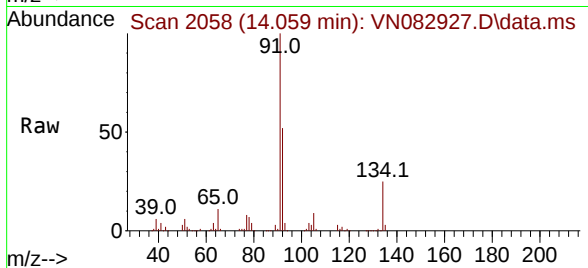
Tgt Ion: 91	Resp: 22628
Ion Ratio	Lower Upper
91	100
92	51.8 26.1 78.3
134	24.7 12.1 36.3

Manual Integrations

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Reviewed By :John Carlone 07/16/2024

Supervised By :Mahesh Dadoda 07/16/2024



#90

Hexachloroethane

Concen: 48.695 ug/l

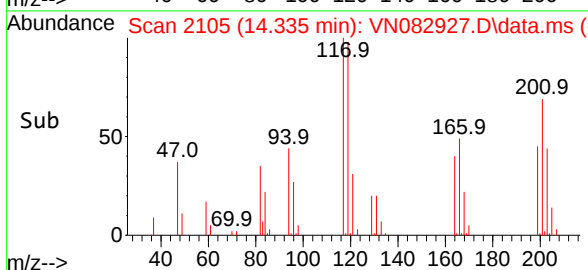
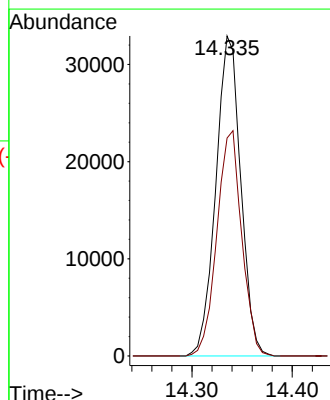
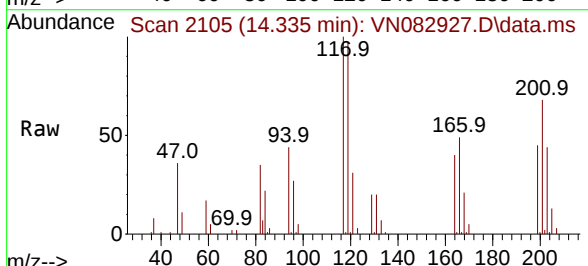
RT: 14.335 min Scan# 2105

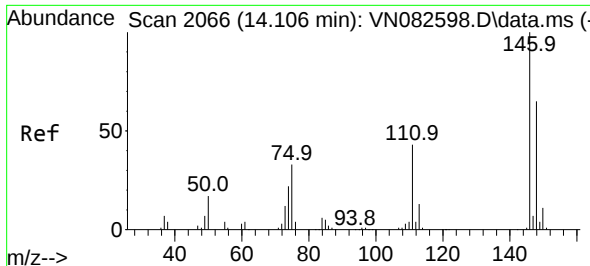
Delta R.T. 0.000 min

Lab File: VN082927.D

Acq: 15 Jul 2024 19:08

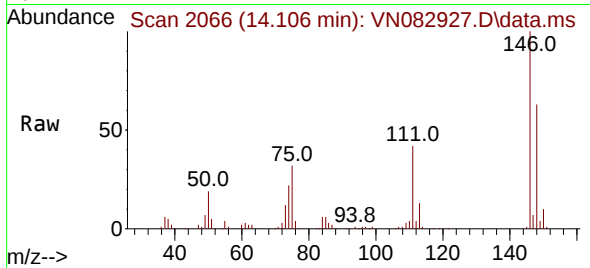
Tgt Ion:117	Resp: 56793
Ion Ratio	Lower Upper
117	100
201	70.2 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 49.538 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

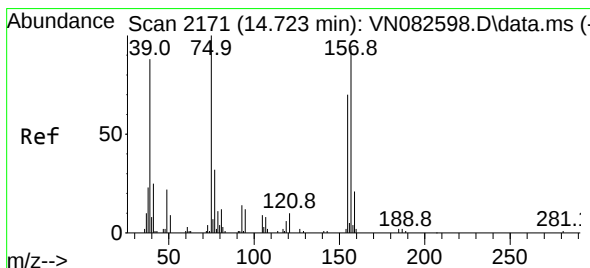
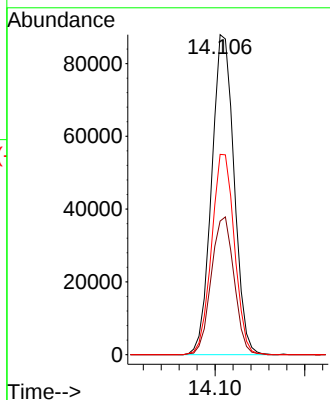
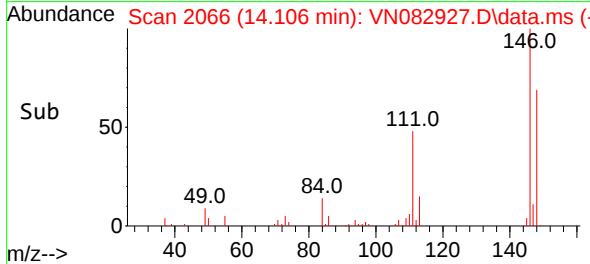
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



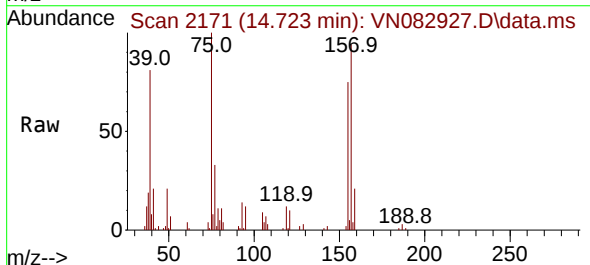
Tgt Ion:146 Resp: 15292
Ion Ratio Lower Upper
146 100
111 43.7 21.4 64.2
148 63.7 32.1 96.5

Manual Integrations
APPROVED

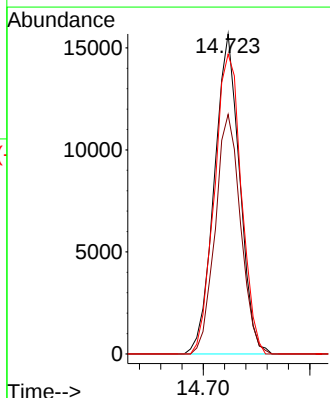
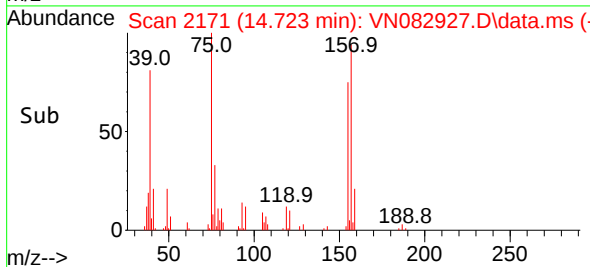
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024

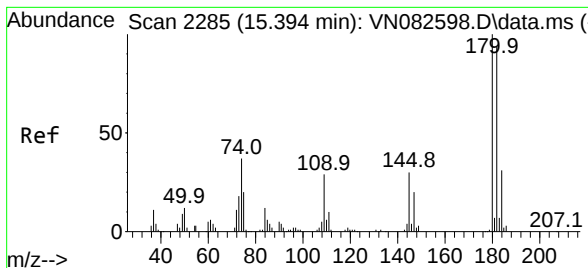


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.754 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08



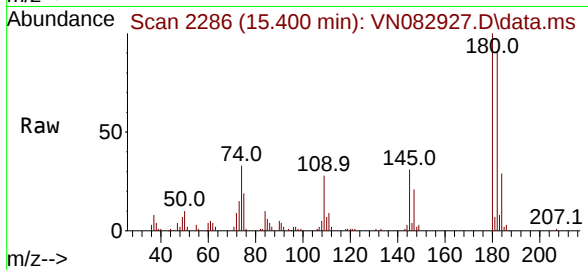
Tgt Ion: 75 Resp: 25881
Ion Ratio Lower Upper
75 100
155 74.9 36.6 109.8
157 99.5 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 44.850 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

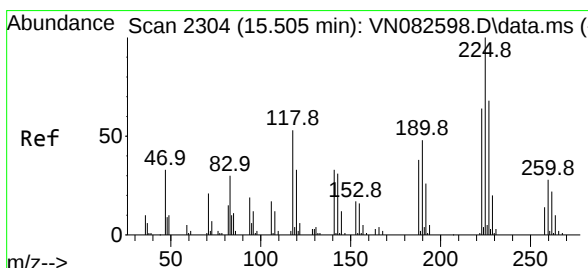
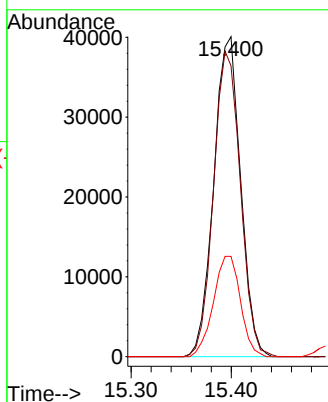
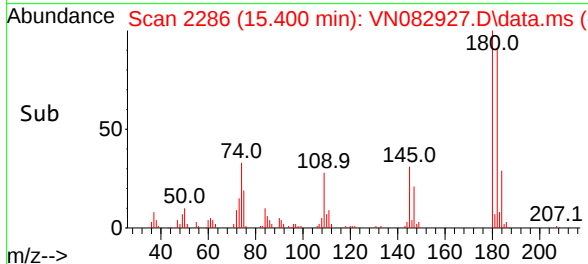
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 74570
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 31.6 15.7 47.1

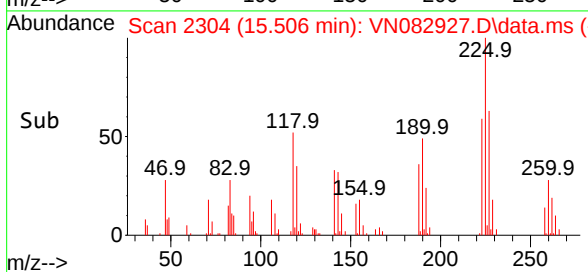
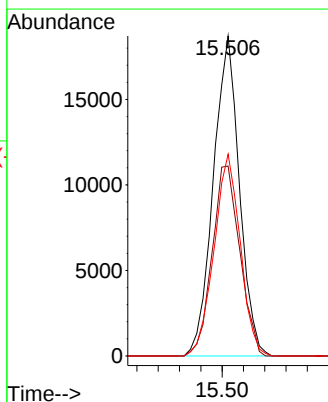
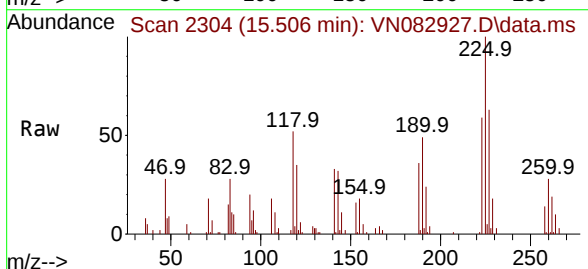
Manual Integrations
APPROVED

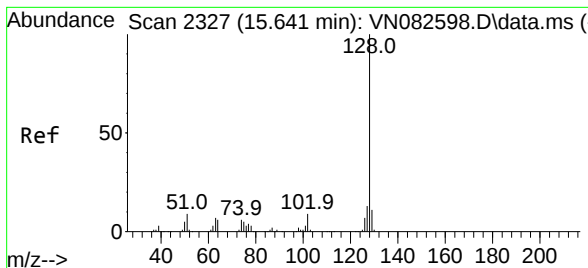
Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#94
Hexachlorobutadiene
Concen: 43.044 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

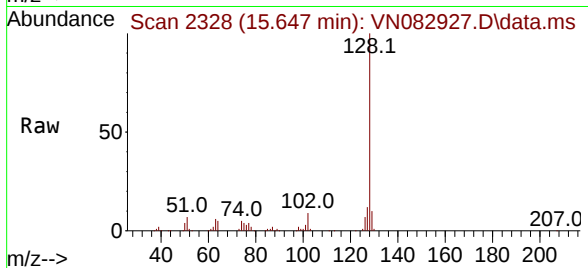
Tgt Ion:225 Resp: 31729
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.7
227 63.4 32.5 97.5





#95
Naphthalene
Concen: 50.123 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

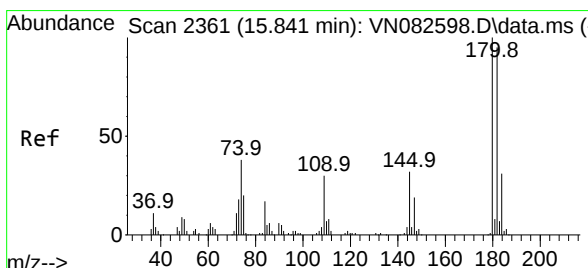
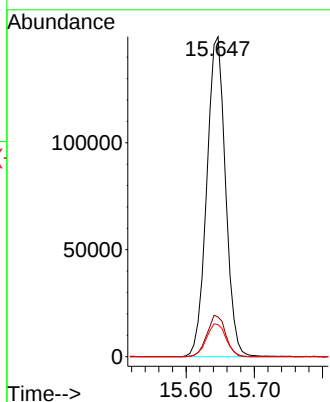
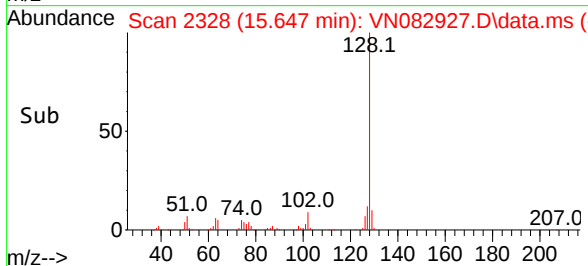
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 285460
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2024
Supervised By :Mahesh Dadoda 07/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.430 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082927.D
Acq: 15 Jul 2024 19:08

Tgt Ion:180 Resp: 77671
Ion Ratio Lower Upper
180 100
182 96.9 48.9 146.8
145 34.1 16.8 50.4

