

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082994.D
 Acq On : 19 Jul 2024 17:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/22/2024
 Supervised By :Mahesh Dadoda 07/22/2024

Quant Time: Jul 22 02:08:08 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	85039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	148910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	139868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	62708	52.604	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.200%			
35) Dibromofluoromethane	8.171	113	49617	51.927	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.860%			
50) Toluene-d8	10.565	98	183969	52.128	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.260%			
62) 4-Bromofluorobenzene	12.853	95	62011	48.916	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53985	49.034	ug/l	96
3) Chloromethane	2.365	50	42691	40.888	ug/l	96
4) Vinyl Chloride	2.512	62	52120	47.530	ug/l	98
5) Bromomethane	2.936	94	25070	31.709	ug/l	91
6) Chloroethane	3.106	64	43885	58.483	ug/l	94
7) Trichlorofluoromethane	3.489	101	82709	52.442	ug/l	97
8) Diethyl Ether	3.965	74	27683	51.287	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	48983	54.875	ug/l	99
10) Methyl Iodide	4.589	142	30006	32.787	ug/l #	91
11) Tert butyl alcohol	5.530	59	46733	233.082	ug/l #	84
12) 1,1-Dichloroethene	4.342	96	44154	50.862	ug/l	90
13) Acrolein	4.183	56	36677	253.372	ug/l	97
14) Allyl chloride	5.024	41	64726	47.819	ug/l #	93
15) Acrylonitrile	5.718	53	129444	280.923	ug/l	99
16) Acetone	4.430	43	111283	265.150	ug/l	95
17) Carbon Disulfide	4.706	76	116105	44.758	ug/l	98
18) Methyl Acetate	5.024	43	71212	64.123	ug/l #	90
19) Methyl tert-butyl Ether	5.795	73	164905	55.069	ug/l	93
20) Methylene Chloride	5.271	84	54259	53.532	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	48802	51.882	ug/l	84
22) Diisopropyl ether	6.671	45	166715	58.874	ug/l #	93
23) Vinyl Acetate	6.606	43	617897	274.768	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	97414	56.713	ug/l	98
25) 2-Butanone	7.483	43	173762	274.193	ug/l #	89
26) 2,2-Dichloropropane	7.489	77	86482	54.151	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	59283	53.833	ug/l	91
28) Bromochloromethane	7.818	49	43122	58.520	ug/l #	82
29) Tetrahydrofuran	7.841	42	111674	279.911	ug/l #	84
30) Chloroform	7.971	83	107011	58.725	ug/l	98
31) Cyclohexane	8.259	56	71865	46.112	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	94094	55.616	ug/l	97
36) 1,1-Dichloropropene	8.371	75	71158	54.014	ug/l	99
37) Ethyl Acetate	7.565	43	71676	53.440	ug/l #	95
38) Carbon Tetrachloride	8.359	117	81643	51.471	ug/l	99
39) Methylcyclohexane	9.600	83	67997	47.783	ug/l	92
40) Benzene	8.606	78	219593	54.188	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	39074	54.076	ug/l #	91
42) 1,2-Dichloroethane	8.671	62	80538	55.206	ug/l	97
43) Isopropyl Acetate	8.688	43	128194	50.733	ug/l #	94
44) Trichloroethene	9.353	130	51446	49.553	ug/l	95
45) 1,2-Dichloropropane	9.624	63	54414	57.515	ug/l	95
46) Dibromomethane	9.712	93	40906	55.500	ug/l	99
47) Bromodichloromethane	9.888	83	86057	56.508	ug/l	97
48) Methyl methacrylate	9.682	41	57705	54.869	ug/l #	86
49) 1,4-Dioxane	9.700	88	22705	992.317	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	391697	294.579	ug/l	95
52) Toluene	10.629	92	140709	55.585	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	87084	55.508	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	89395	53.832	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	55084	59.176	ug/l	98
56) Ethyl methacrylate	10.877	69	87150	60.178	ug/l	87
57) 1,3-Dichloropropane	11.165	76	94580	57.401	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	224909	302.656	ug/l	97
59) 2-Hexanone	11.194	43	291902	295.269	ug/l	94
60) Dibromochloromethane	11.359	129	66516	56.103	ug/l	99
61) 1,2-Dibromoethane	11.471	107	54466	55.098	ug/l	99
64) Tetrachloroethene	11.106	164	47529	45.547	ug/l	96
65) Chlorobenzene	11.894	112	157010	52.386	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	57778	54.197	ug/l	99
67) Ethyl Benzene	11.965	91	268925	53.387	ug/l	98
68) m/p-Xylenes	12.071	106	209985	110.415	ug/l	97
69) o-Xylene	12.400	106	100336	55.062	ug/l	96
70) Styrene	12.412	104	178545	59.300	ug/l	97
71) Bromoform	12.582	173	45238	53.957	ug/l #	99
73) Isopropylbenzene	12.694	105	253835	49.840	ug/l	99
74) N-amyl acetate	12.494	43	111714	53.029	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	82481	54.075	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	72202m	59.751	ug/l	
77) Bromobenzene	12.982	156	63642	48.438	ug/l	95
78) n-propylbenzene	13.035	91	302802	51.710	ug/l	99
79) 2-Chlorotoluene	13.123	91	184817	49.535	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	212115	51.525	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	29069	47.312	ug/l	92
82) 4-Chlorotoluene	13.223	91	184504	49.961	ug/l	96
83) tert-Butylbenzene	13.441	119	182065	49.885	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	219523	52.318	ug/l	98
85) sec-Butylbenzene	13.618	105	251509	50.995	ug/l	99
86) p-Isopropyltoluene	13.729	119	210972	51.270	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	117627	49.558	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	116313	47.385	ug/l	99
89) n-Butylbenzene	14.059	91	175962	49.914	ug/l	100
90) Hexachloroethane	14.335	117	41220	47.342	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	116002	50.336	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16617	47.090	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	55878	45.014	ug/l	99
94) Hexachlorobutadiene	15.500	225	23183	42.128	ug/l	98
95) Naphthalene	15.641	128	200907	47.254	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	58017	45.456	ug/l	97

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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

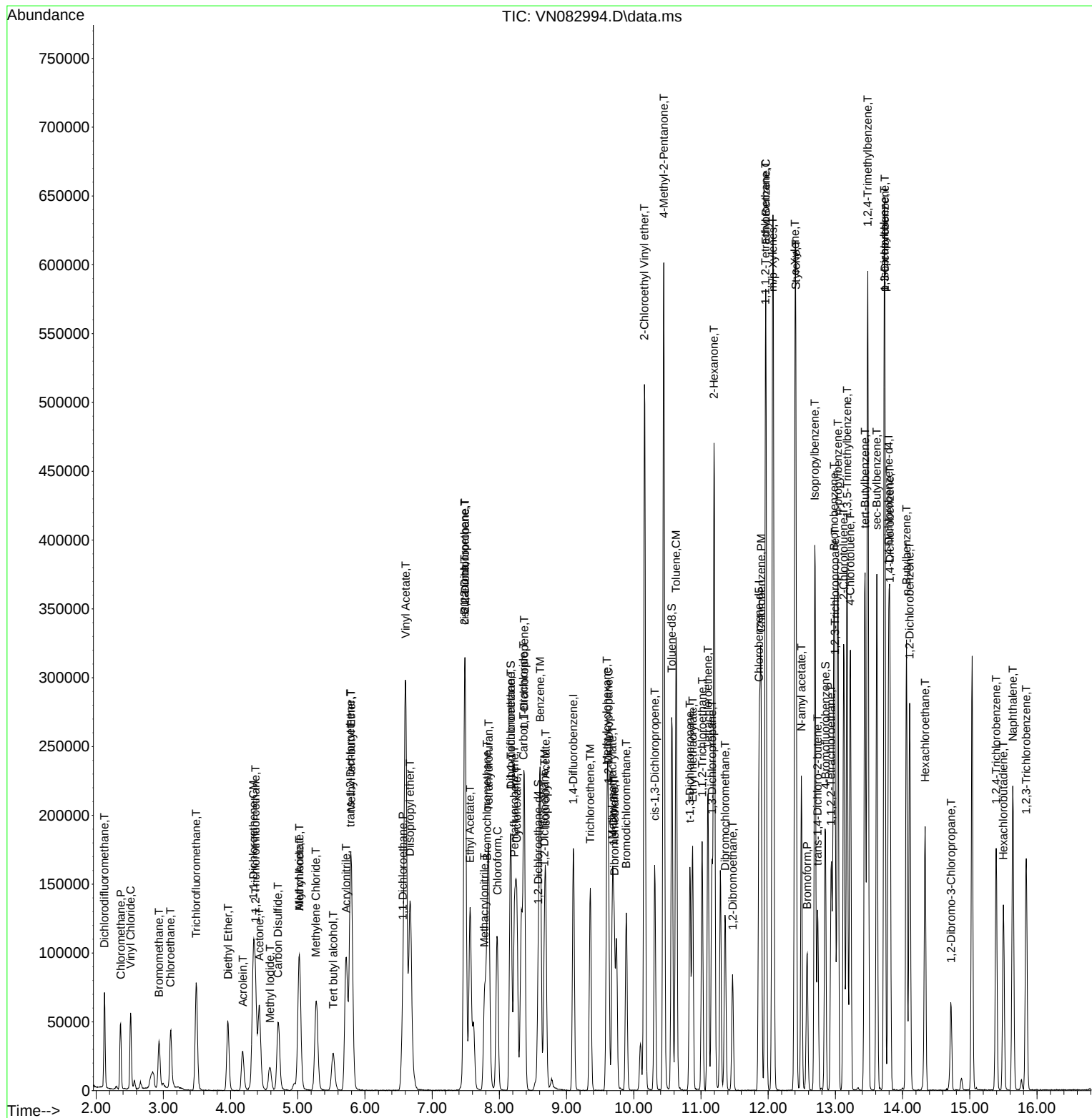
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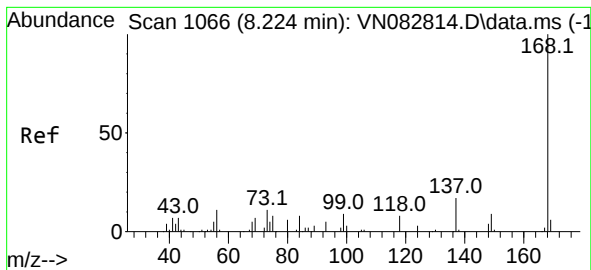
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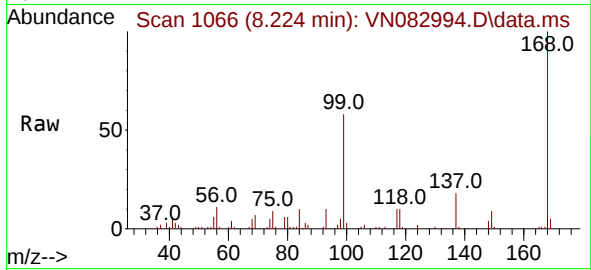
Reviewed By : John Carlone 07/22/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

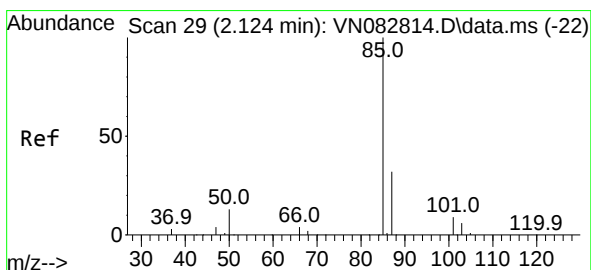
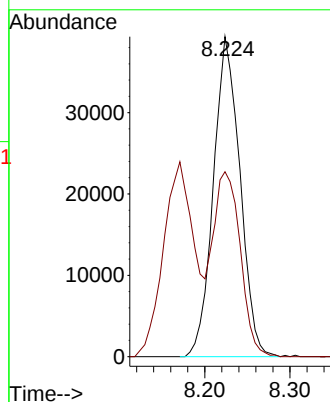
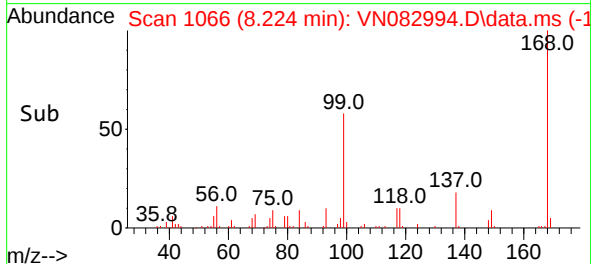
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 85039
Ion Ratio Lower Upper
168 100
99 57.8 48.2 72.4

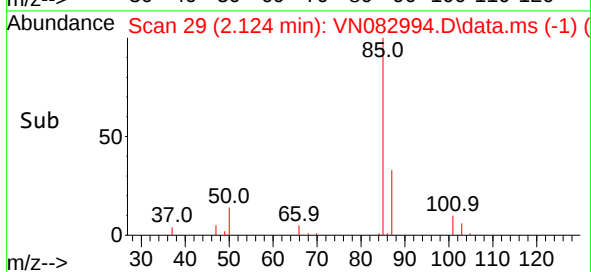
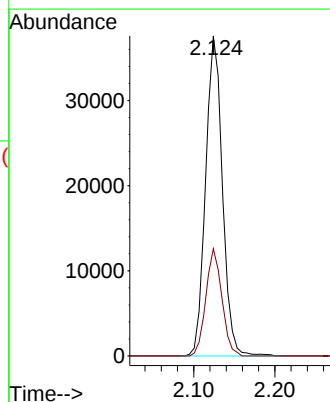
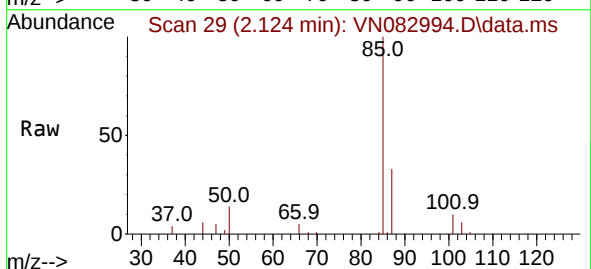
Manual Integrations
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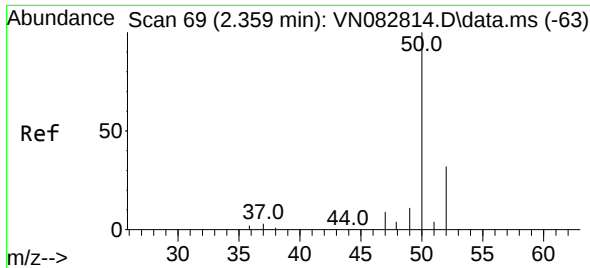
Reviewed By :John Carlone 07/22/2024
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#2
Dichlorodifluoromethane
Concen: 49.034 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 85 Resp: 53985
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0





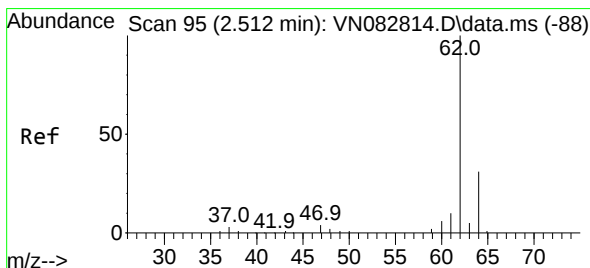
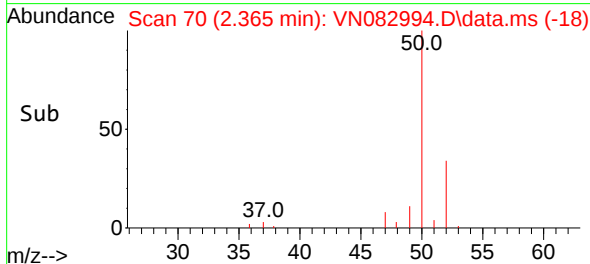
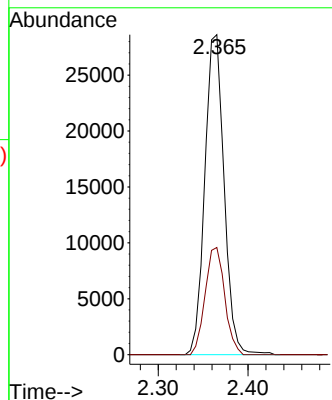
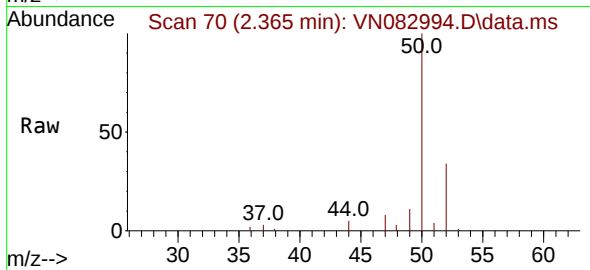
#3
Chloromethane
Concen: 40.888 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 4269
Ion Ratio Lower Upper
50 100
52 33.5 25.0 37.4

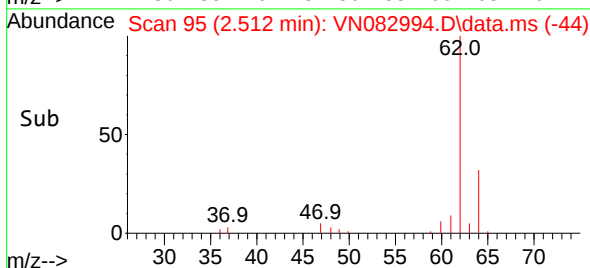
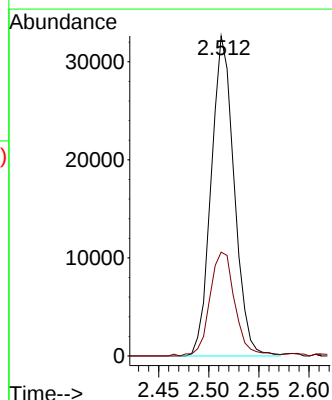
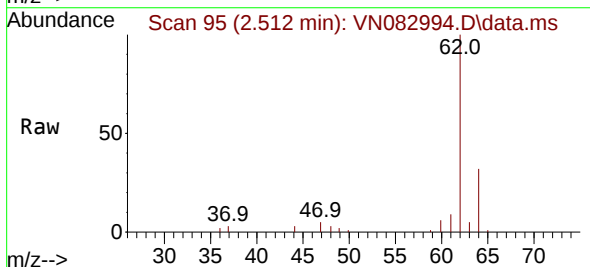
Manual Integrations
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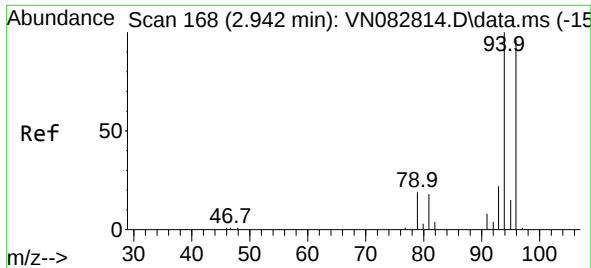
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#4
Vinyl Chloride
Concen: 47.530 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 62 Resp: 52120
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.6





#5

Bromomethane

Concen: 31.709 ug/l

RT: 2.936 min Scan# 1

Delta R.T. -0.011 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 25070

Ion Ratio Lower Upper

94 100

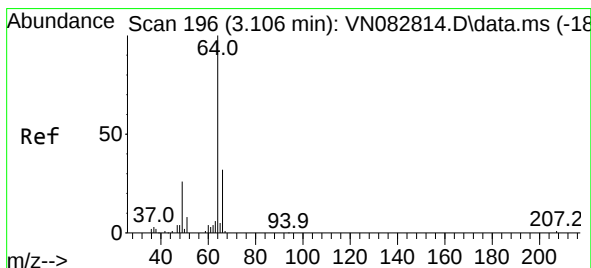
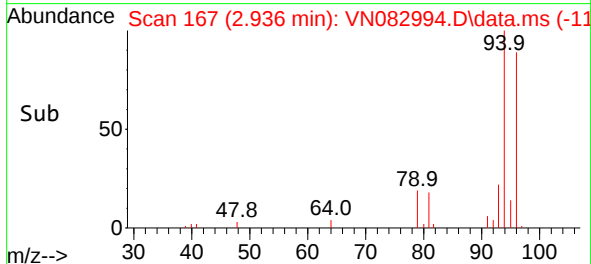
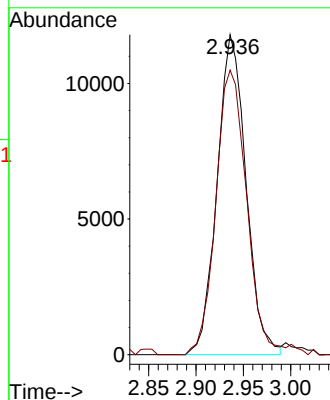
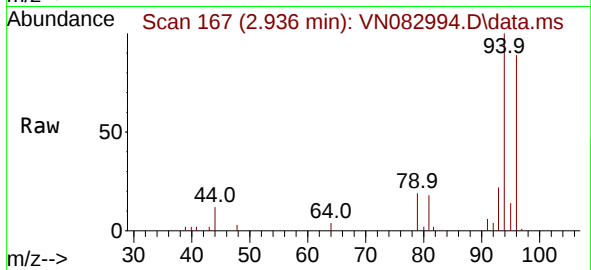
96 88.9 78.0 117.0

Manual Integrations

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Supervised By :Mahesh Dadoda 07/22/2024



#6

Chloroethane

Concen: 58.483 ug/l

RT: 3.106 min Scan# 196

Delta R.T. -0.006 min

Lab File: VN082994.D

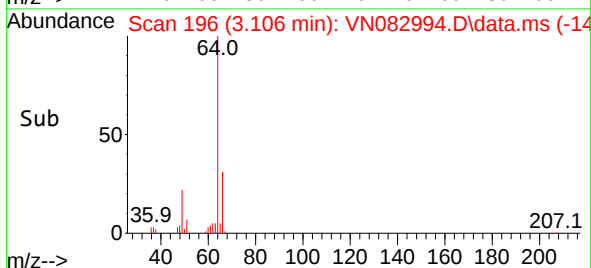
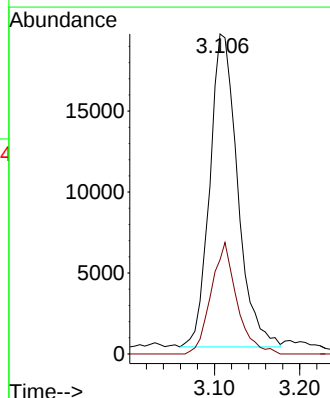
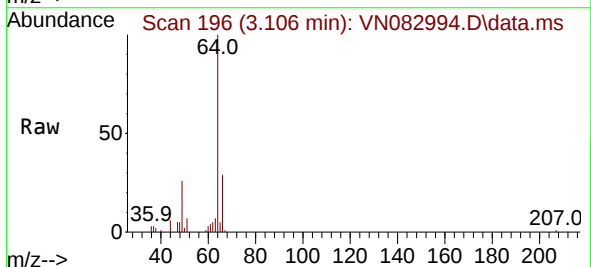
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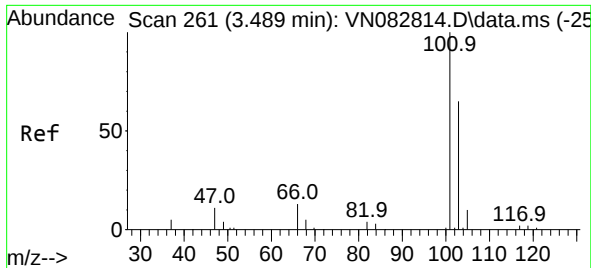
Tgt Ion: 64 Resp: 43885

Ion Ratio Lower Upper

64 100

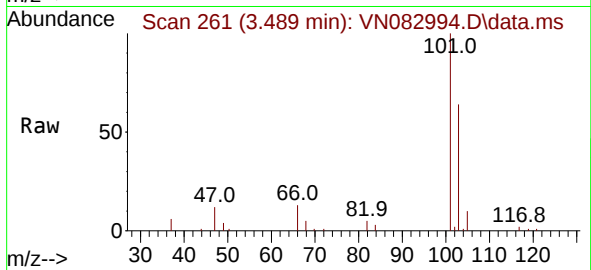
66 30.1 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 52.442 ug/l
 RT: 3.489 min Scan# 210
 Delta R.T. -0.005 min
 Lab File: VN082994.D
 Acq: 19 Jul 2024 17:23

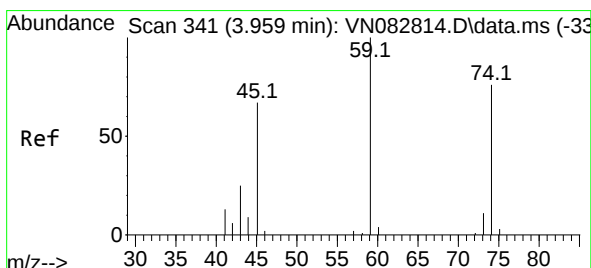
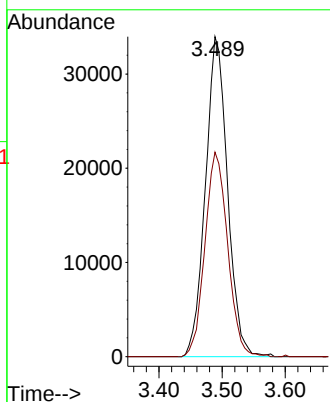
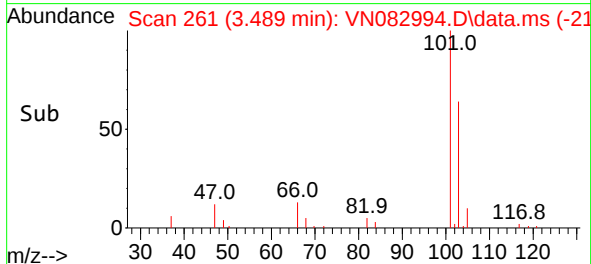
Instrument :
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Tgt Ion:101 Resp: 82709
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.7 79.1

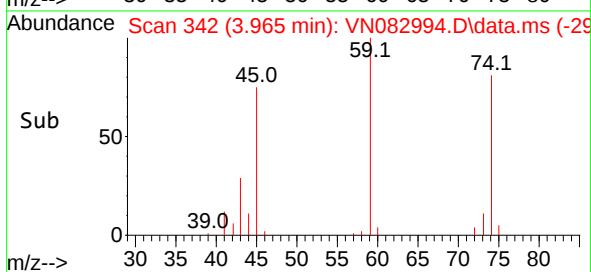
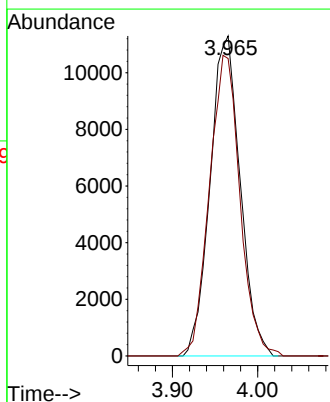
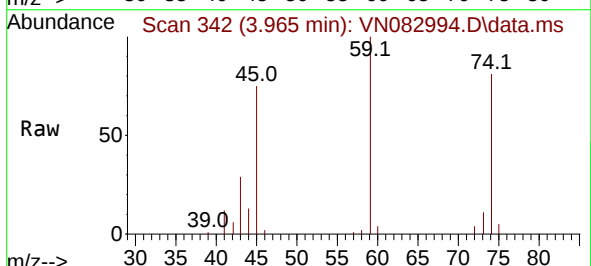
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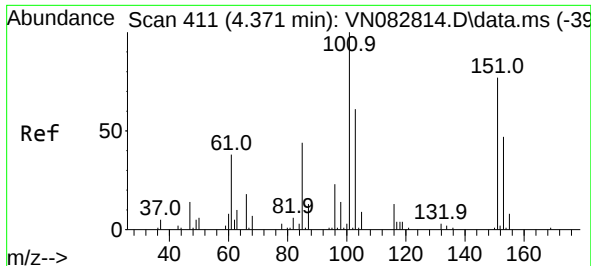
Reviewed By :John Carlone 07/22/2024
 Supervised By :Mahesh Dadoda 07/22/2024



#8
 Diethyl Ether
 Concen: 51.287 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN082994.D
 Acq: 19 Jul 2024 17:23

Tgt Ion: 74 Resp: 27683
 Ion Ratio Lower Upper
 74 100
 45 95.4 55.5 166.3





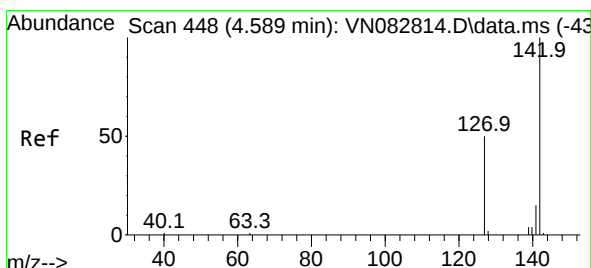
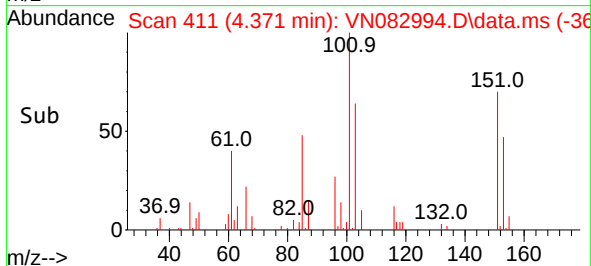
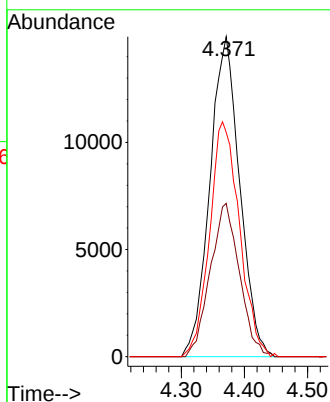
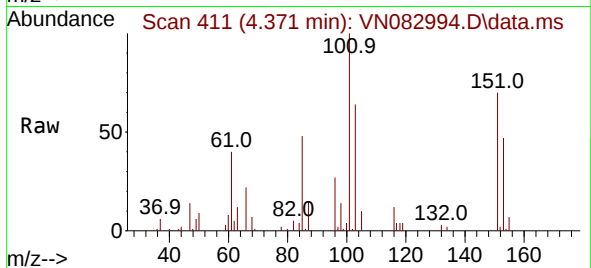
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.875 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 4898
Ion Ratio Lower Upper
101 100
85 47.1 38.3 57.5
151 73.6 59.3 88.9

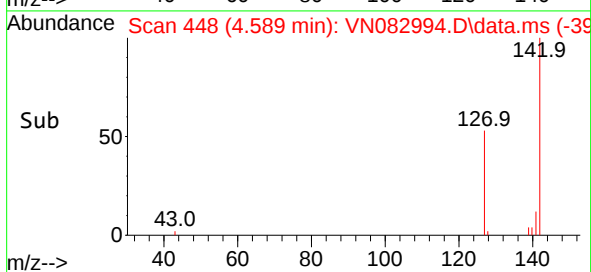
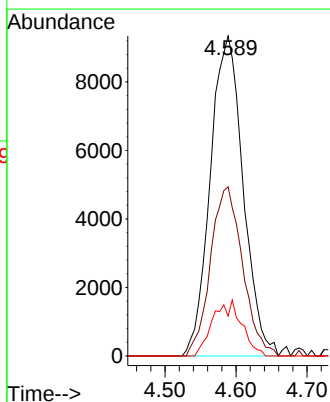
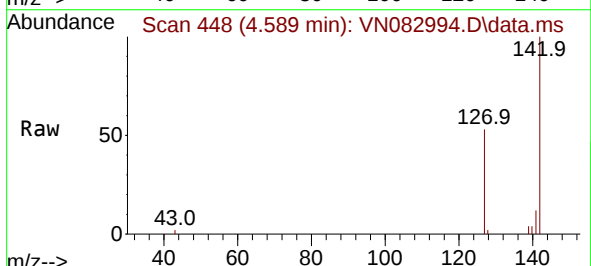
Manual Integrations
APPROVED

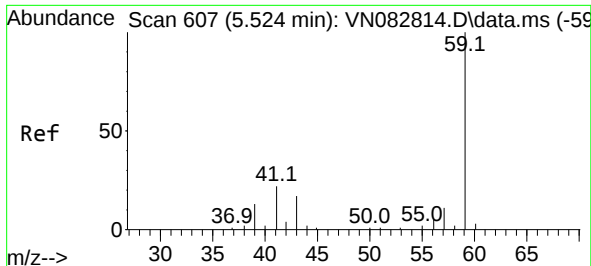
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#10
Methyl Iodide
Concen: 32.787 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion:142 Resp: 30006
Ion Ratio Lower Upper
142 100
127 52.8 37.5 56.3
141 12.4 13.1 19.7#





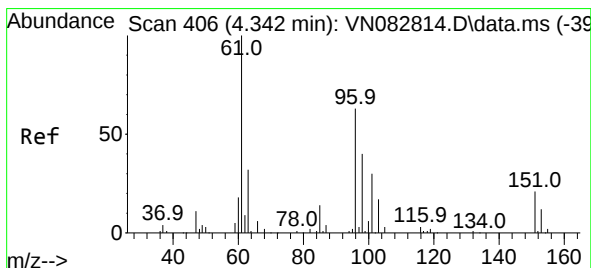
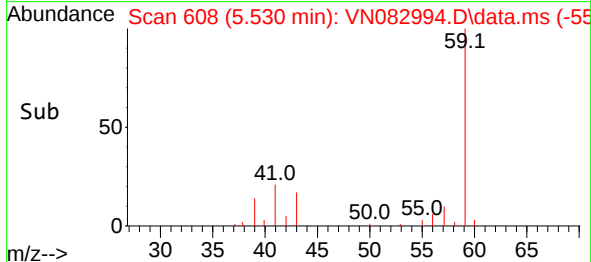
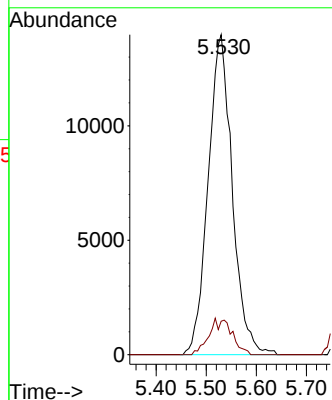
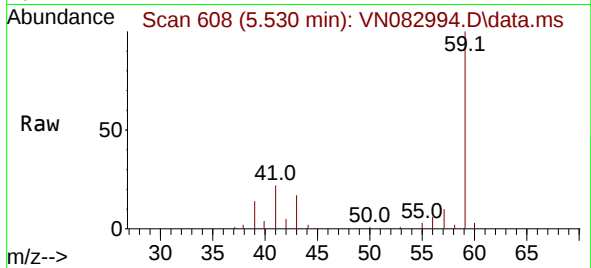
#11
Tert butyl alcohol
Concen: 233.082 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 4673
Ion Ratio Lower Upper
59 100
57 4.9 8.9 13.3

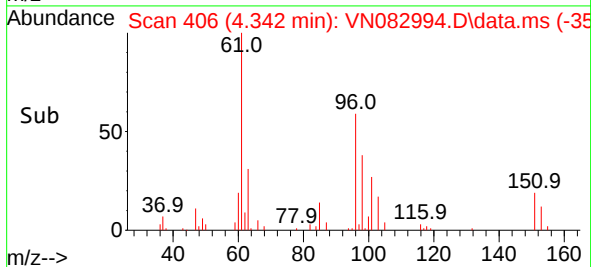
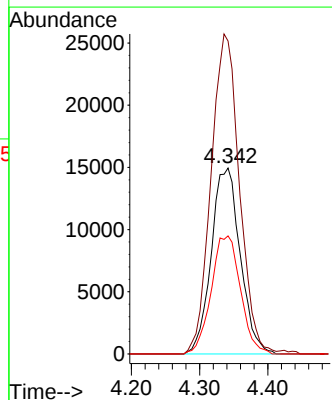
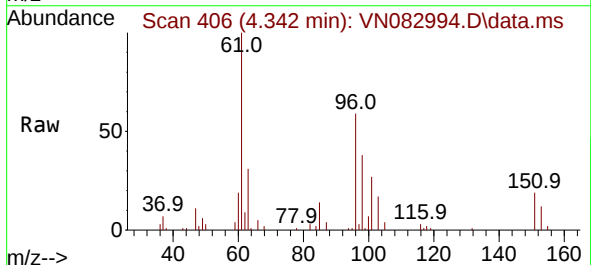
Manual Integrations
APPROVED

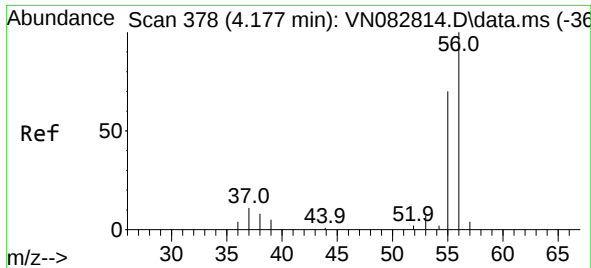
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#12
1,1-Dichloroethene
Concen: 50.862 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 96 Resp: 44154
Ion Ratio Lower Upper
96 100
61 168.4 149.7 224.5
98 63.5 50.1 75.1





#13

Acrolein

Concen: 253.372 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 3667

Ion Ratio Lower Upper

56 100

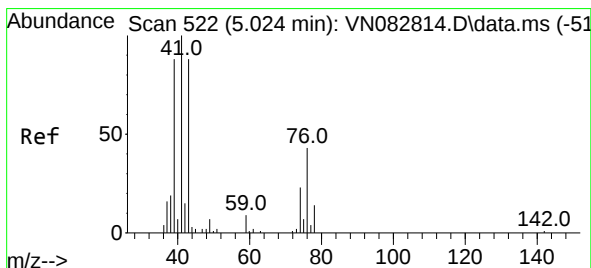
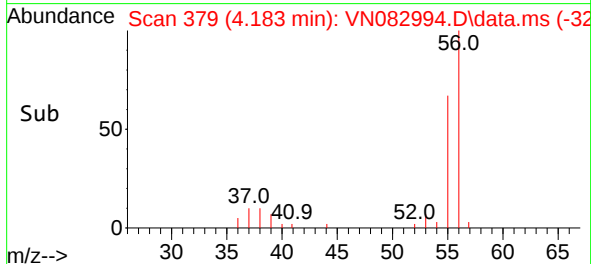
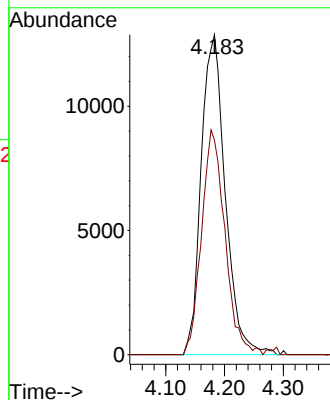
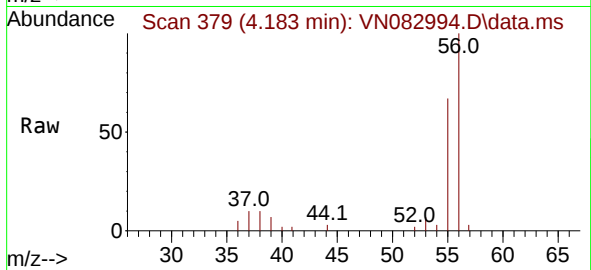
55 68.3 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2024

Supervised By :Mahesh Dadoda 07/22/2024



#14

Allyl chloride

Concen: 47.819 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

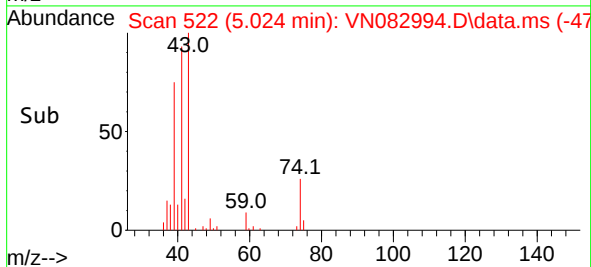
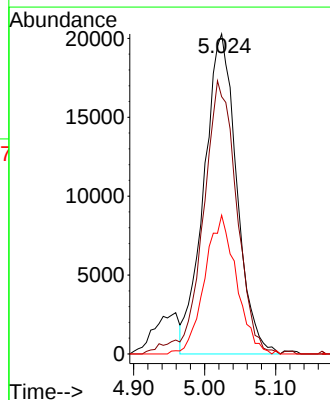
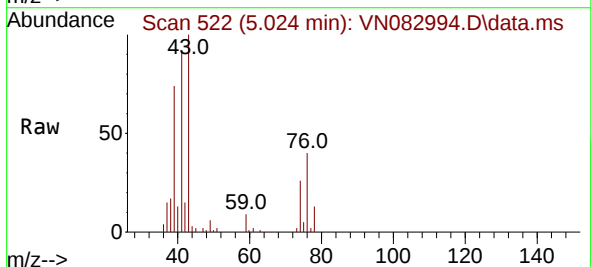
Tgt Ion: 41 Resp: 64726

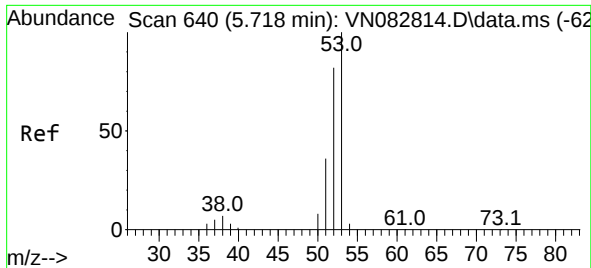
Ion Ratio Lower Upper

41 100

39 87.6 67.8 101.6

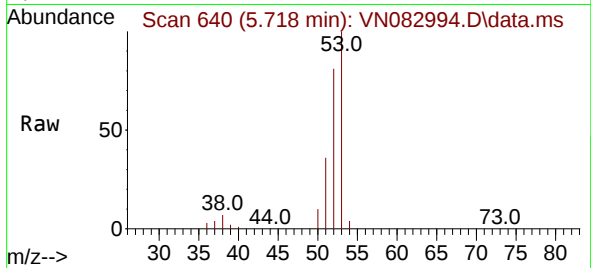
76 42.2 25.8 38.8#





#15
Acrylonitrile
Concen: 280.923 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

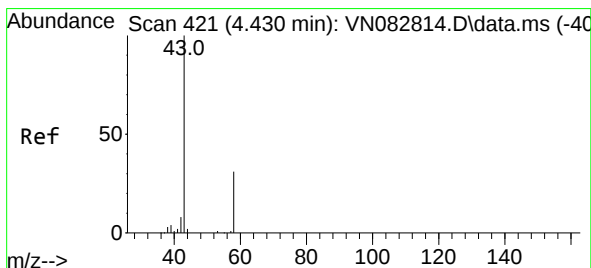
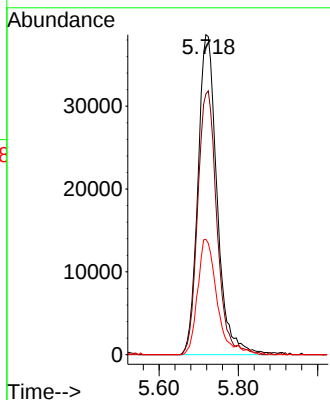
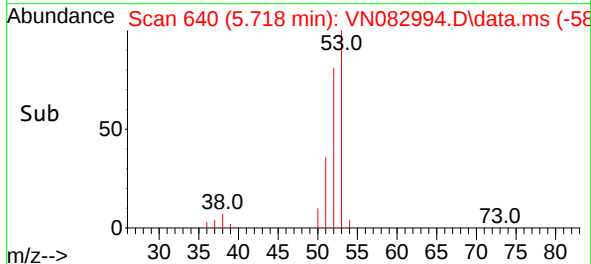
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 12944
Ion Ratio Lower Upper
53 100
52 82.6 66.6 100.0
51 36.9 30.1 45.1

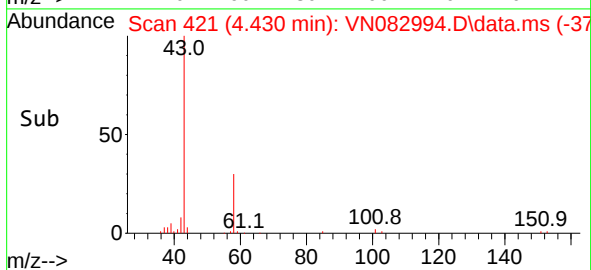
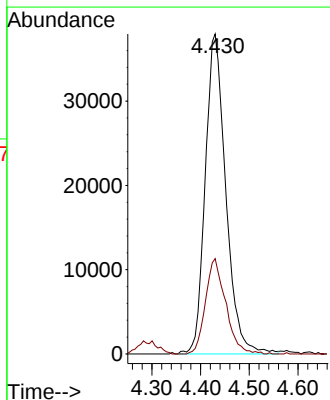
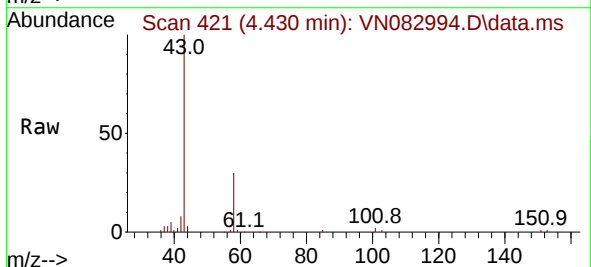
Manual Integrations
APPROVED

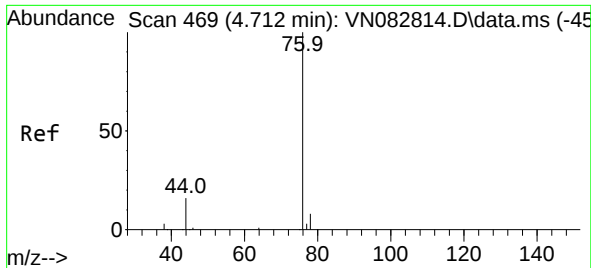
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#16
Acetone
Concen: 265.150 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 43 Resp: 111283
Ion Ratio Lower Upper
43 100
58 29.8 21.8 32.6





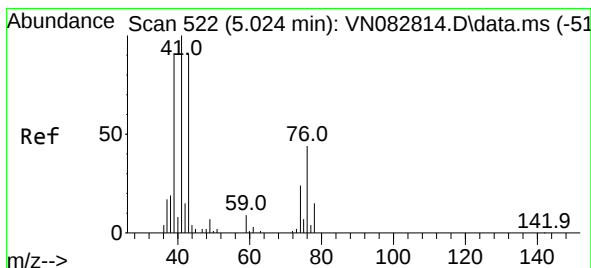
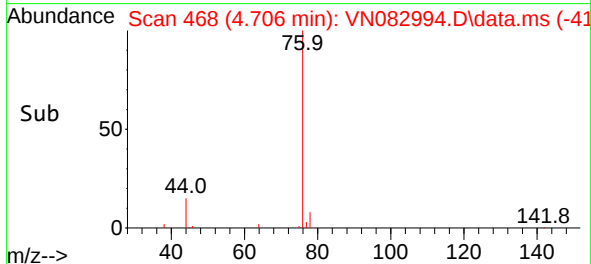
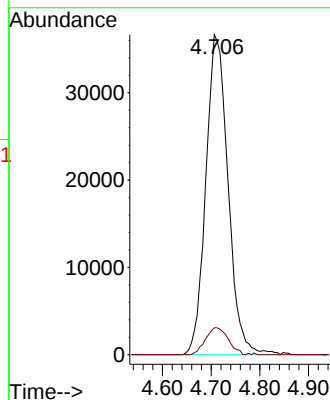
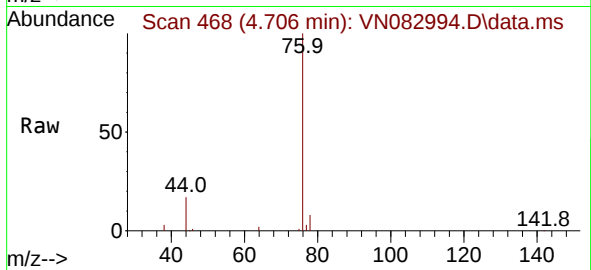
#17
Carbon Disulfide
Concen: 44.758 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 11610
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

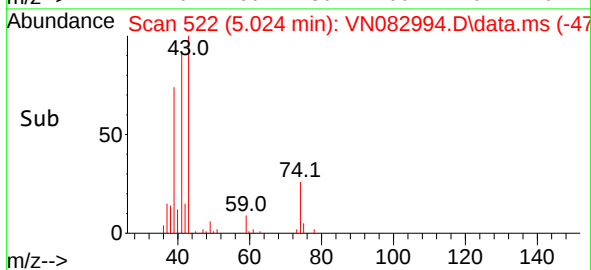
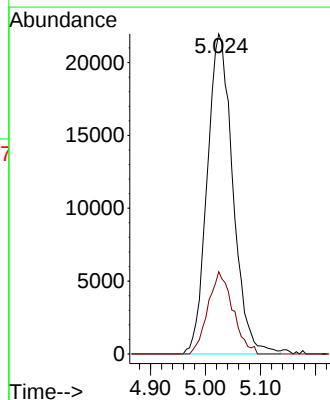
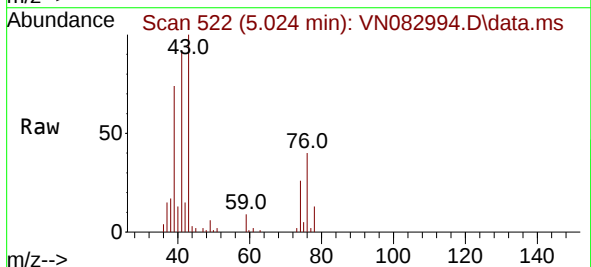
Manual Integrations
APPROVED

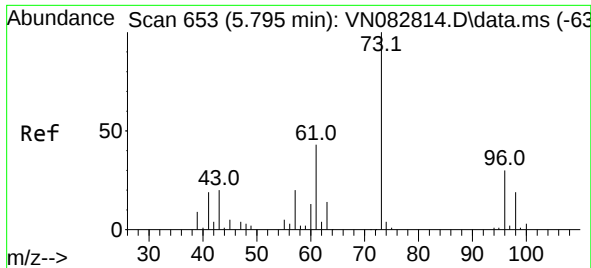
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#18
Methyl Acetate
Concen: 64.123 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 43 Resp: 71212
Ion Ratio Lower Upper
43 100
74 24.9 16.3 24.5#





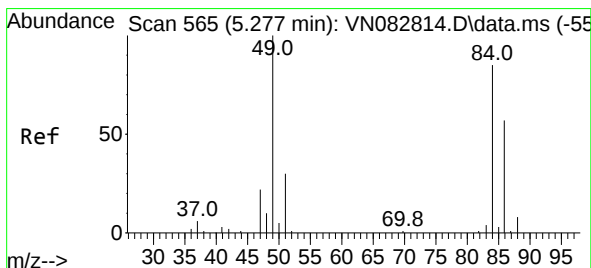
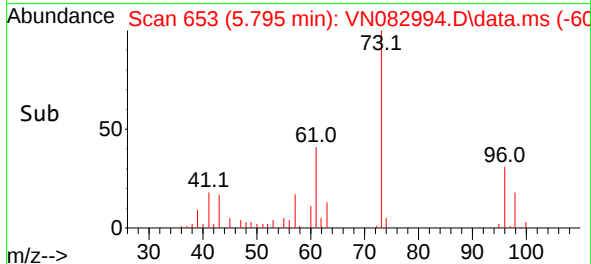
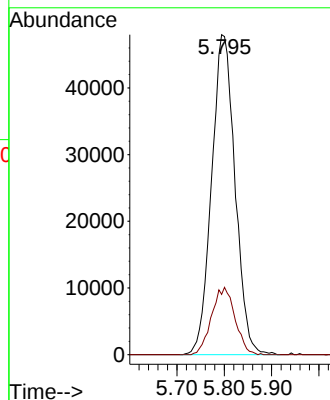
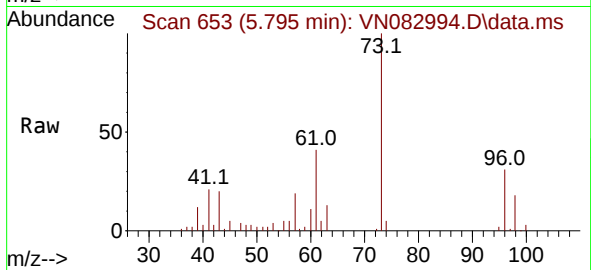
#19
Methyl tert-butyl Ether
Concen: 55.069 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 16490
Ion Ratio Lower Upper
73 100
57 18.8 17.9 26.9

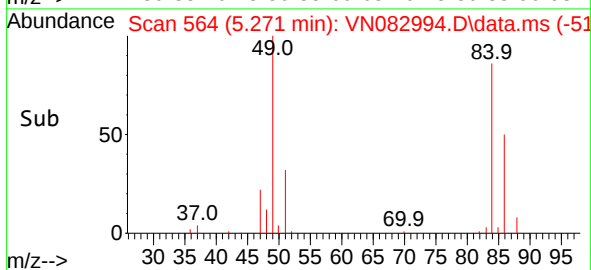
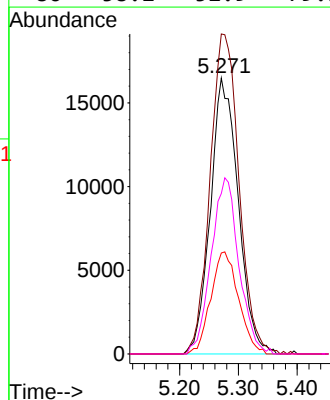
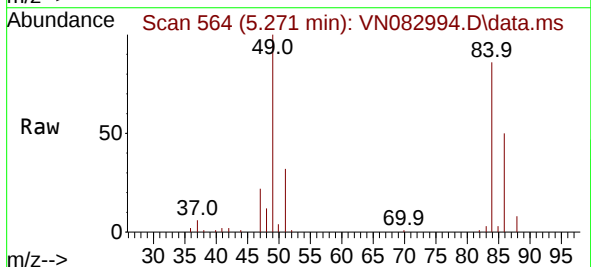
Manual Integrations
APPROVED

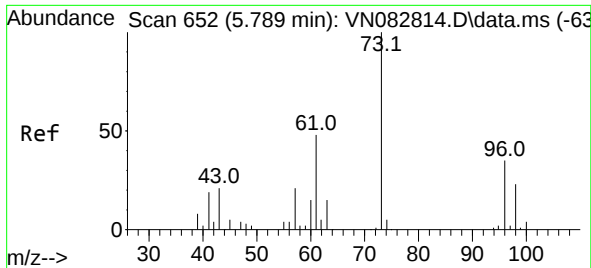
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#20
Methylene Chloride
Concen: 53.532 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 84 Resp: 54259
Ion Ratio Lower Upper
84 100
49 116.0 119.6 179.4#
51 36.6 34.8 52.2
86 58.2 52.9 79.3





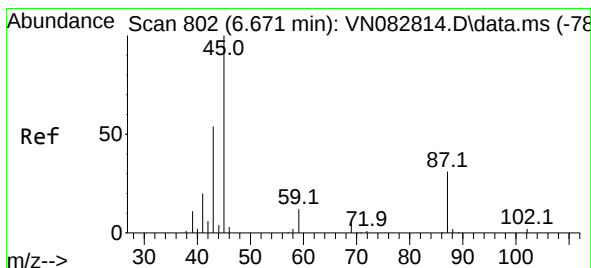
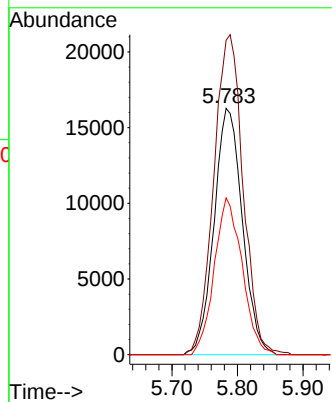
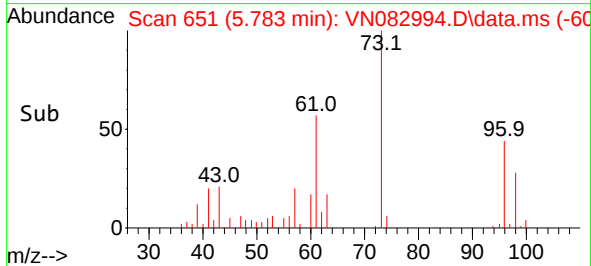
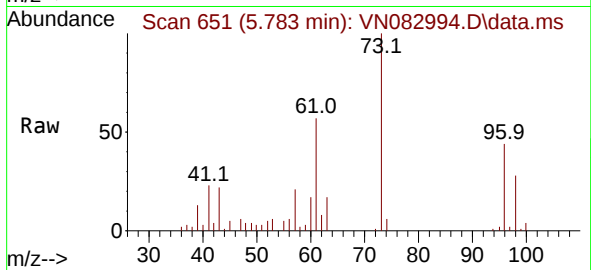
#21
trans-1,2-Dichloroethene
Concen: 51.882 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 4880
Ion Ratio Lower Upper
96 100
61 127.7 123.4 185.2
98 63.7 49.3 73.9

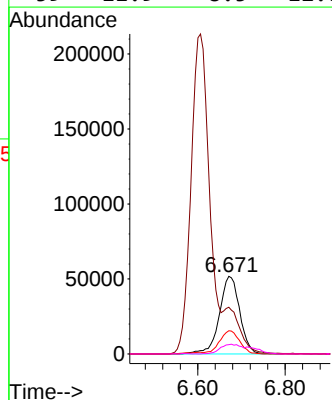
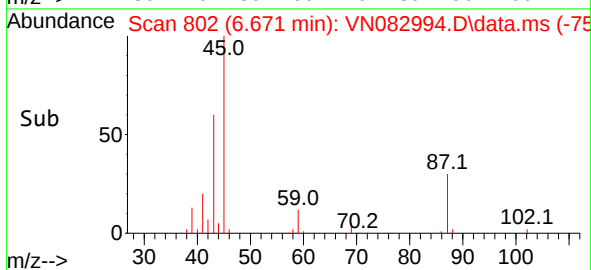
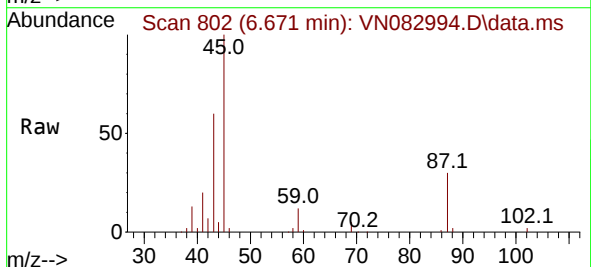
Manual Integrations
APPROVED

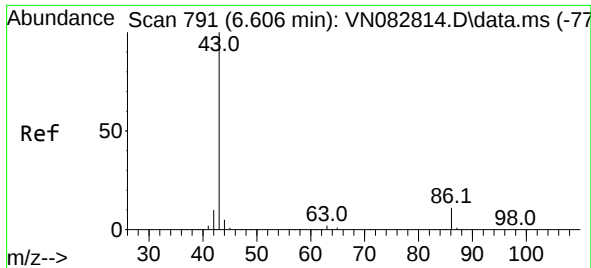
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#22
Diisopropyl ether
Concen: 58.874 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 45 Resp: 166715
Ion Ratio Lower Upper
45 100
43 59.5 44.0 66.0
87 29.9 19.7 29.5#
59 11.9 8.5 12.7





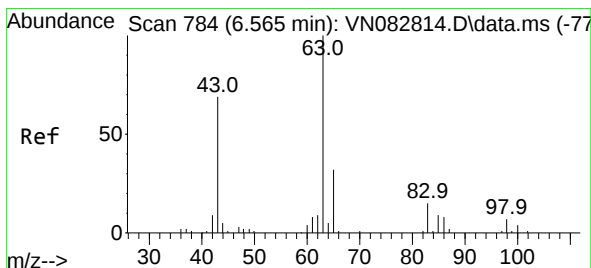
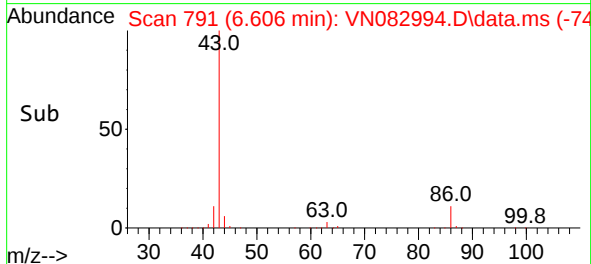
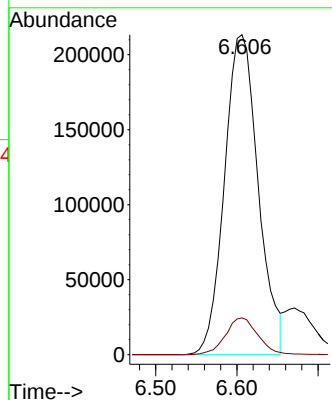
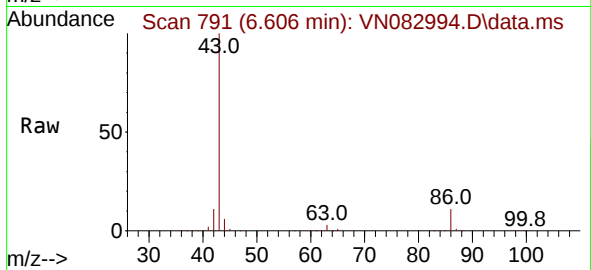
#23
 Vinyl Acetate
 Concen: 274.768 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082994.D
 Acq: 19 Jul 2024 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 61789
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.3 10.9

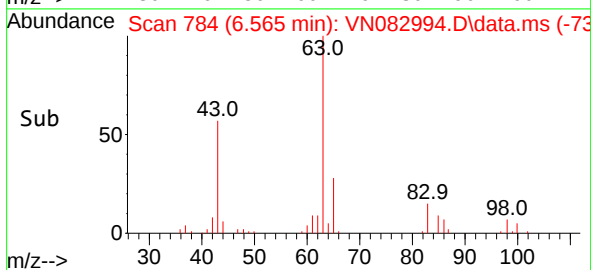
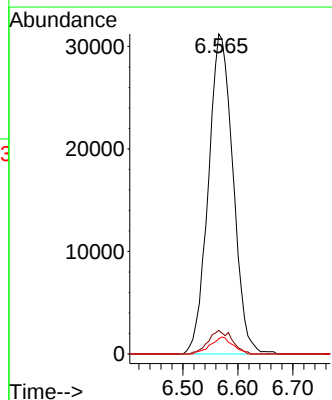
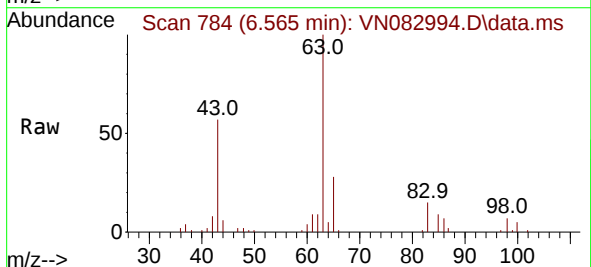
Manual Integrations
 APPROVED

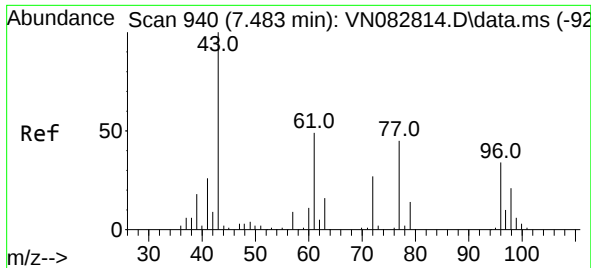
Reviewed By :John Carlone 07/22/2024
 Supervised By :Mahesh Dadoda 07/22/2024



#24
 1,1-Dichloroethane
 Concen: 56.713 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082994.D
 Acq: 19 Jul 2024 17:23

Tgt Ion: 63 Resp: 97414
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.7 2.0 6.0





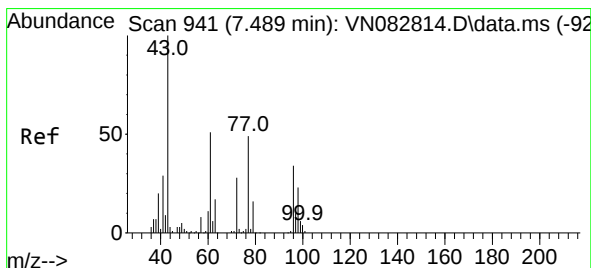
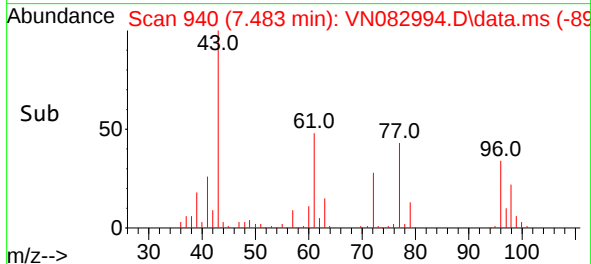
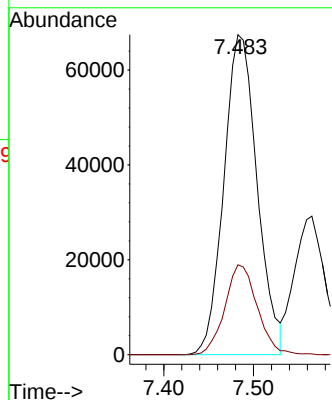
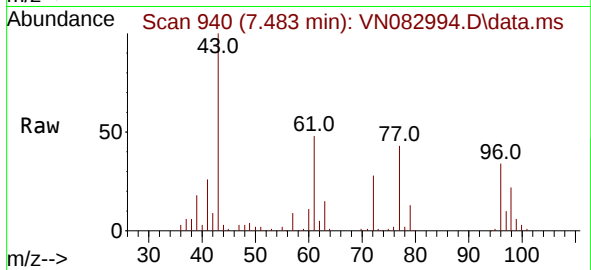
#25
2-Butanone
Concen: 274.193 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 173762
Ion Ratio Lower Upper
43 100
72 28.1 18.2 27.2

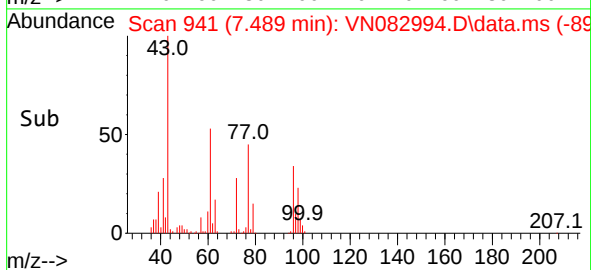
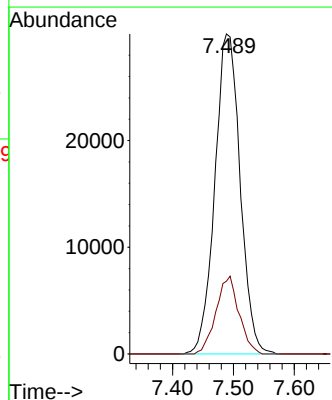
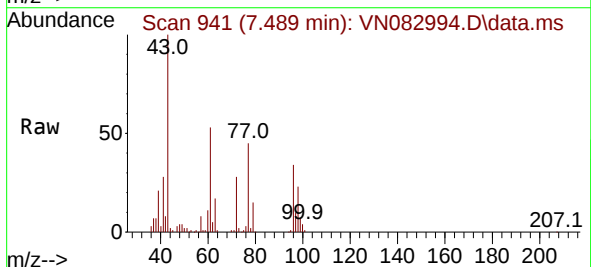
Manual Integrations
APPROVED

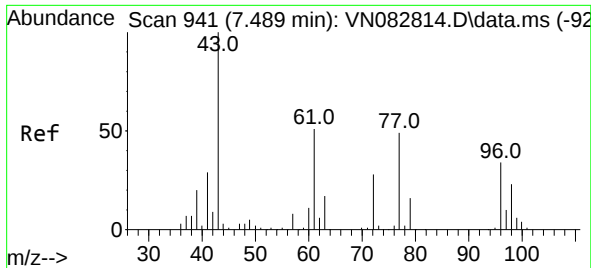
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#26
2,2-Dichloropropane
Concen: 54.151 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

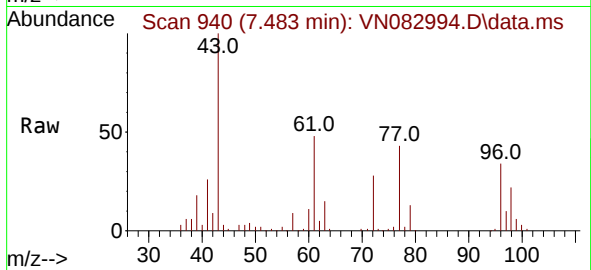
Tgt Ion: 77 Resp: 86482
Ion Ratio Lower Upper
77 100
97 22.0 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 53.833 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.005 min
 Lab File: VN082994.D
 Acq: 19 Jul 2024 17:23

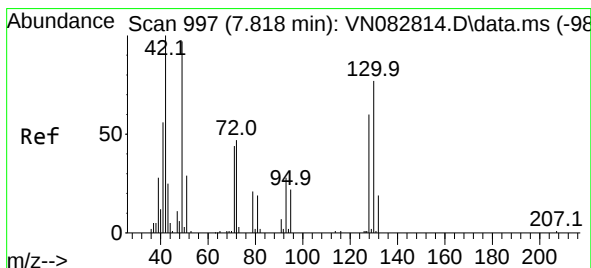
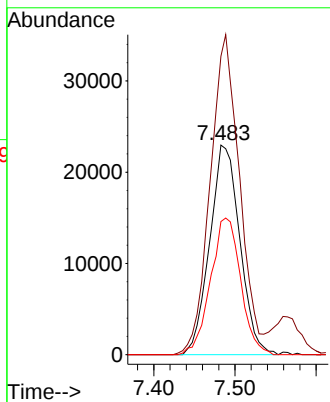
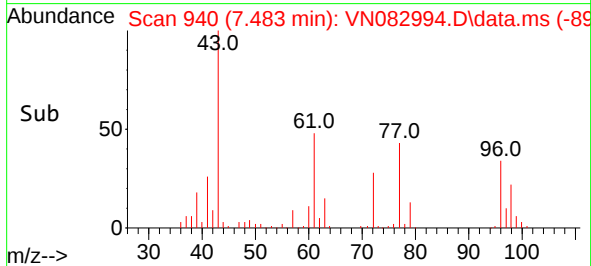
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 5928
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 329.6
 98 65.3 0.0 128.6

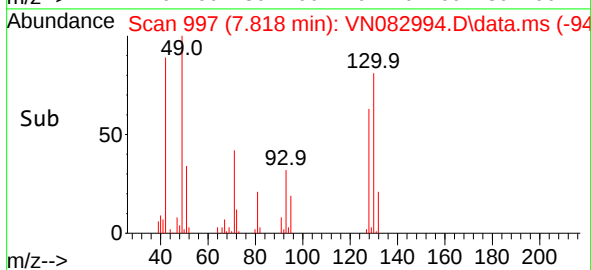
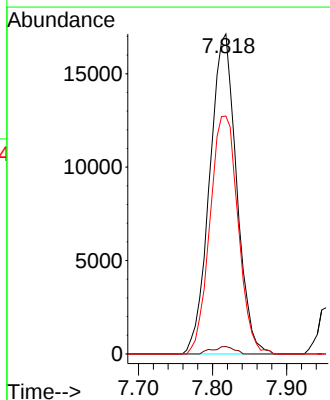
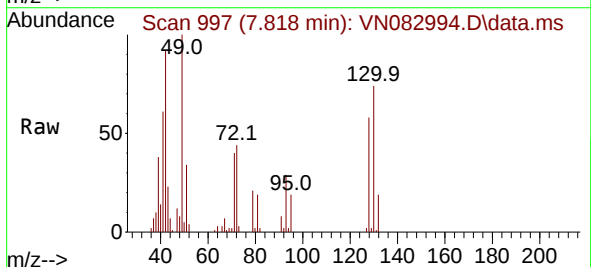
Manual Integrations
 APPROVED

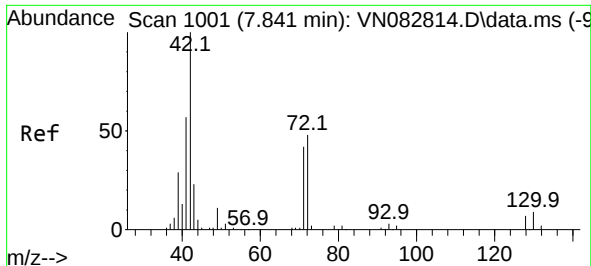
Reviewed By :John Carlone 07/22/2024
 Supervised By :Mahesh Dadoda 07/22/2024



#28
 Bromochloromethane
 Concen: 58.520 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082994.D
 Acq: 19 Jul 2024 17:23

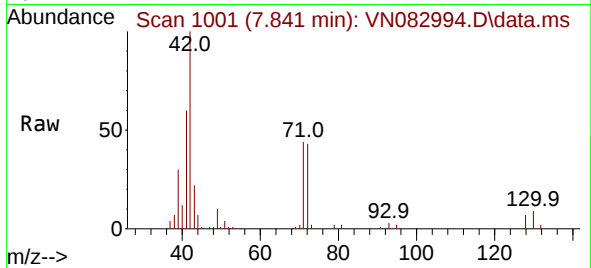
Tgt Ion: 49 Resp: 43122
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 77.7 50.5 75.7#





#29
Tetrahydrofuran
Concen: 279.911 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

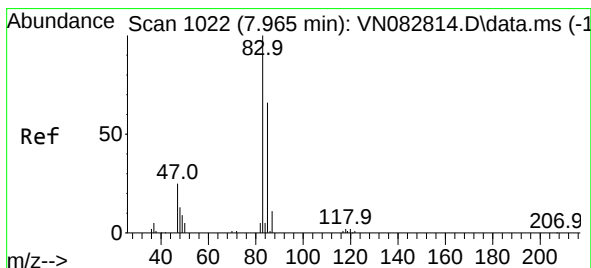
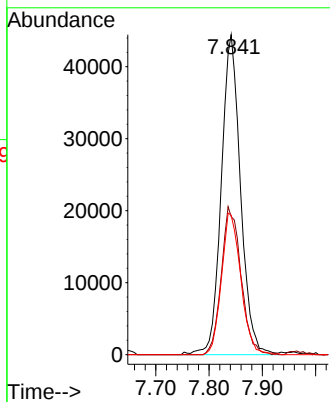
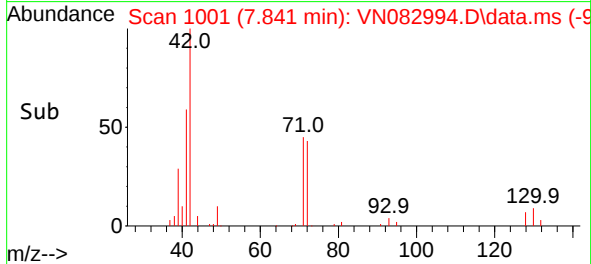
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



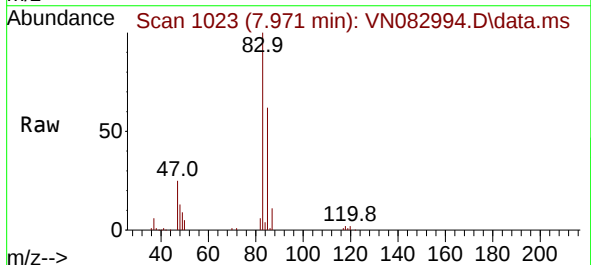
Tgt Ion: 42 Resp: 111674
Ion Ratio Lower Upper
42 100
72 47.1 30.0 45.0
71 44.5 28.3 42.5

Manual Integrations
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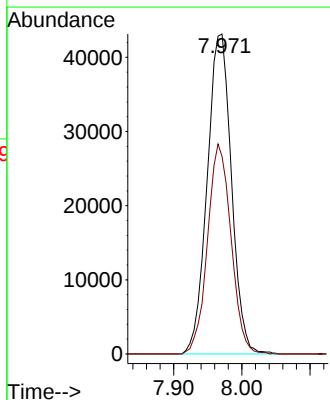
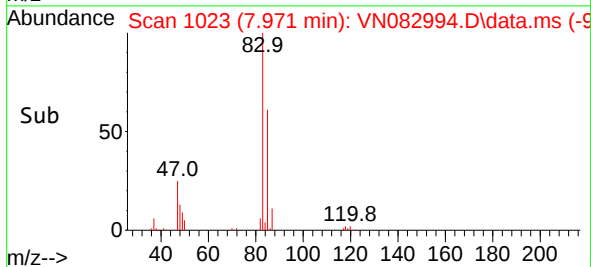
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024

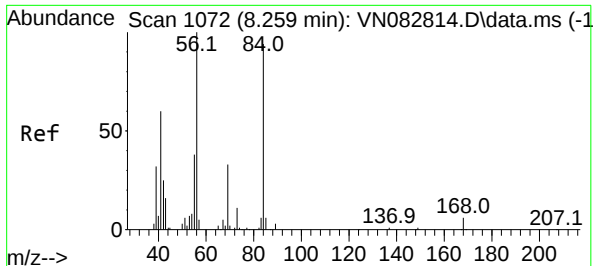


#30
Chloroform
Concen: 58.725 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23



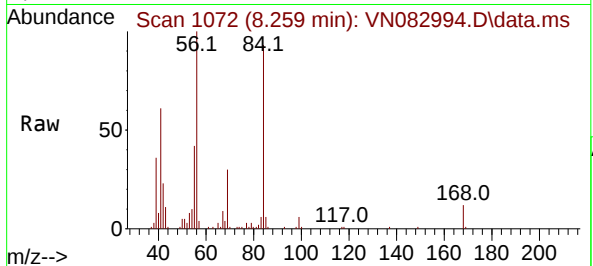
Tgt Ion: 83 Resp: 107011
Ion Ratio Lower Upper
83 100
85 61.7 50.9 76.3





#31
Cyclohexane
Concen: 46.112 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

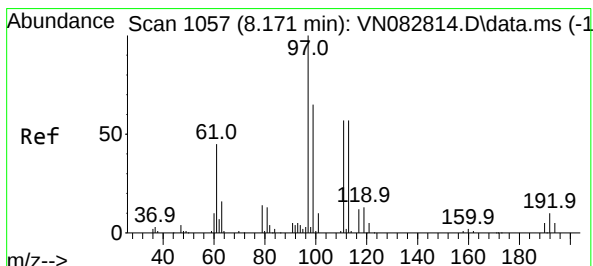
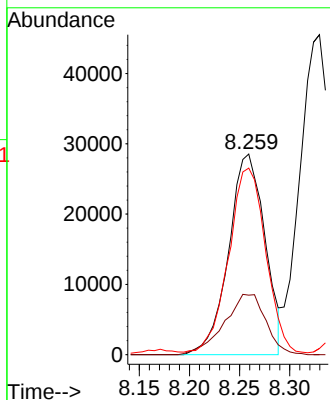
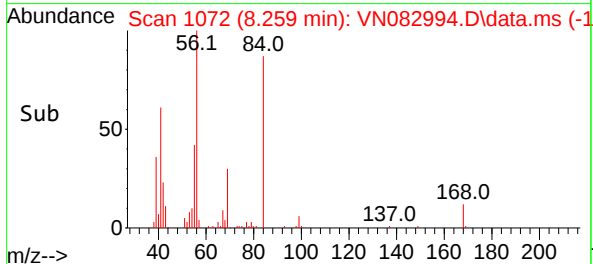
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



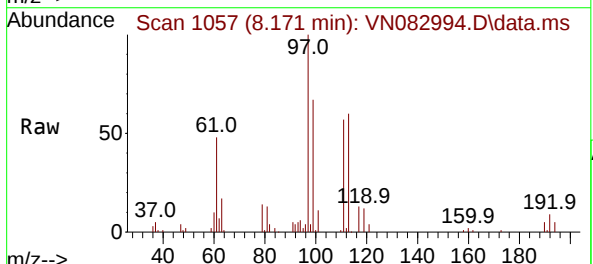
Tgt Ion: 56 Resp: 7186
Ion Ratio Lower Upper
56 100
69 29.6 24.5 36.7
84 91.6 66.0 99.0

Manual Integrations
APPROVED

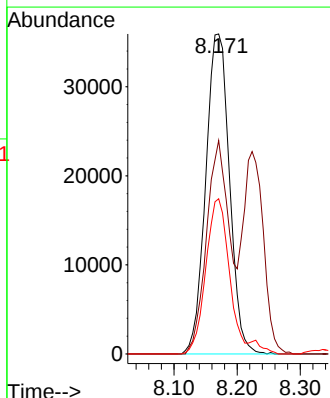
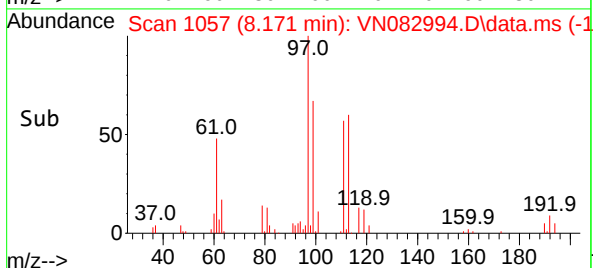
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024

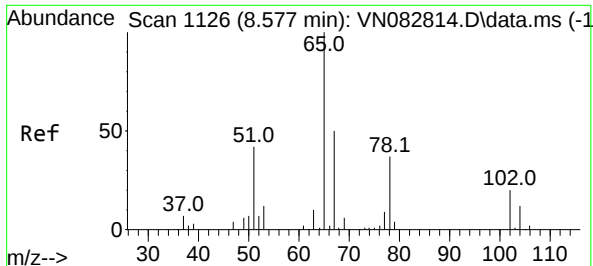


#32
1,1,1-Trichloroethane
Concen: 55.616 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23



Tgt Ion: 97 Resp: 94094
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 47.8 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 52.604 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

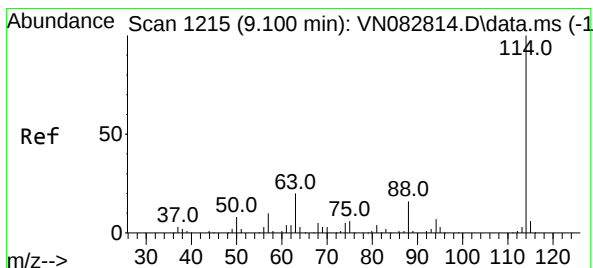
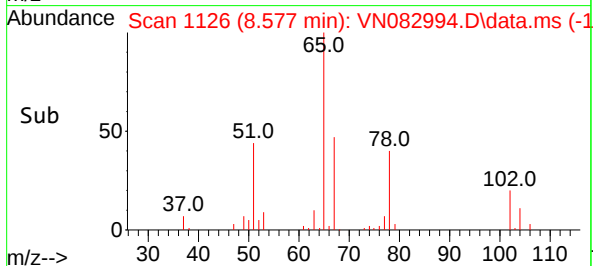
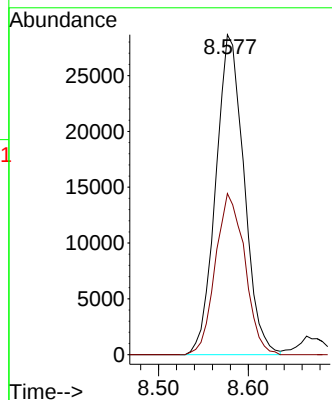
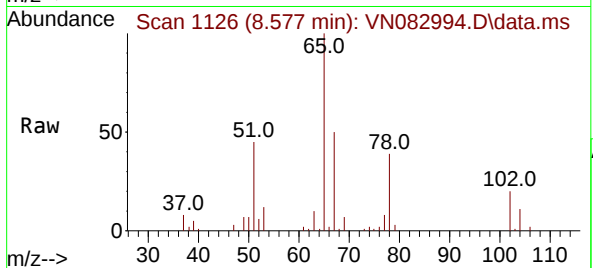
Tgt Ion: 65 Resp: 62708
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.4

Manual Integrations

APPROVED

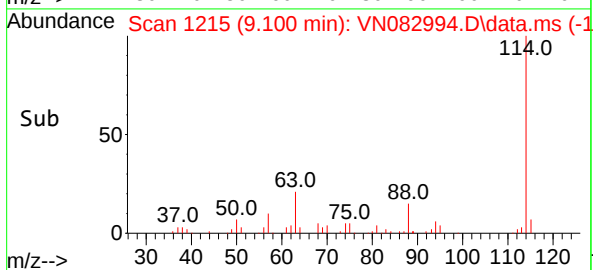
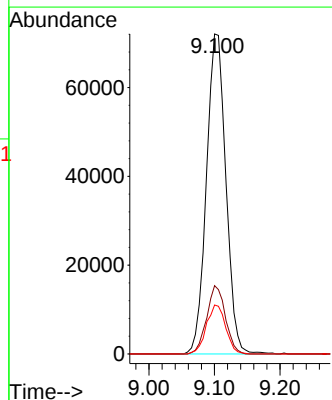
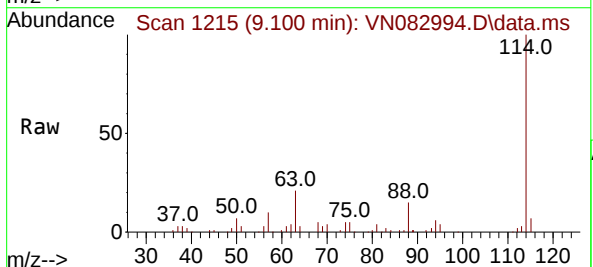
Reviewed By :John Carlone 07/22/2024

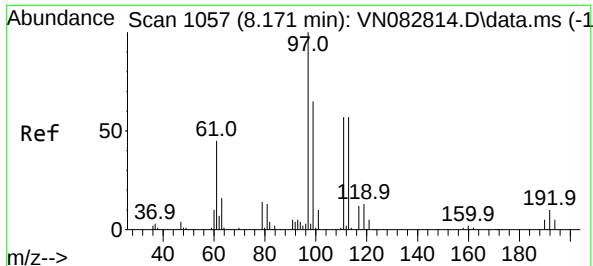
Supervised By :Mahesh Dadoda 07/22/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

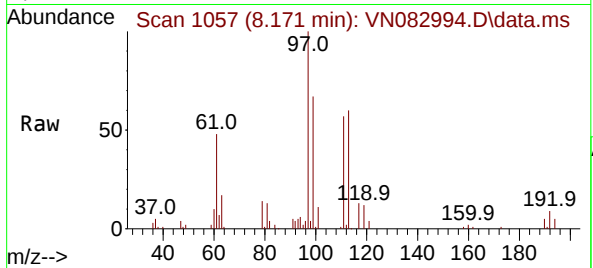
Tgt Ion:114 Resp: 148910
Ion Ratio Lower Upper
114 100
63 21.4 0.0 44.6
88 15.3 0.0 31.4





#35
Dibromofluoromethane
Concen: 51.927 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

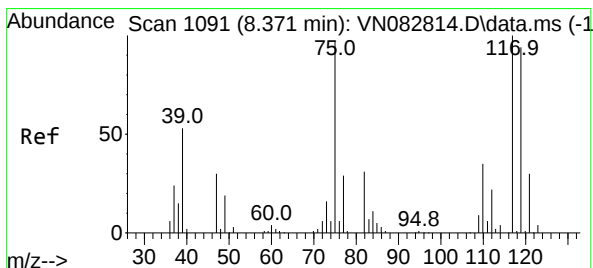
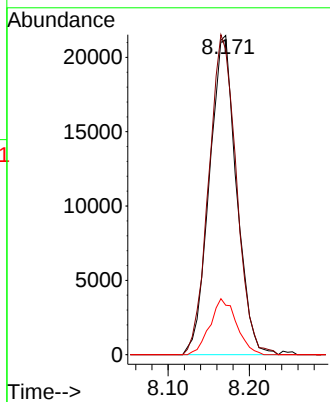
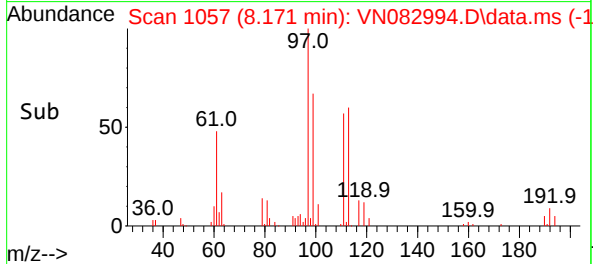
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



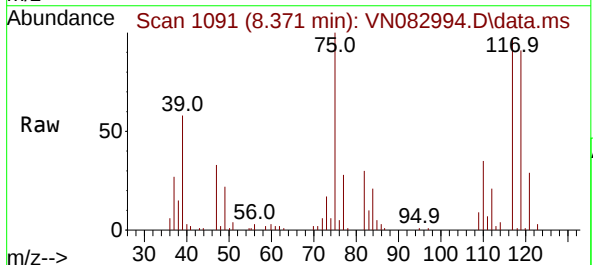
Tgt Ion: 113 Resp: 4961
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 17.2 14.9 22.3

Manual Integrations
APPROVED

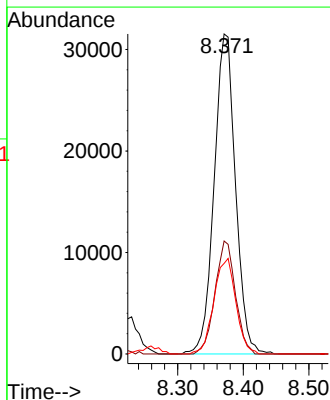
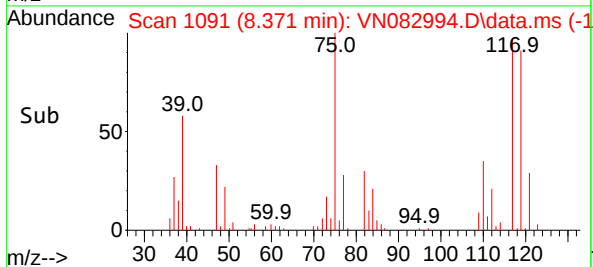
Reviewed By : John Carlone 07/22/2024
Supervised By : Mahesh Dadoda 07/22/2024

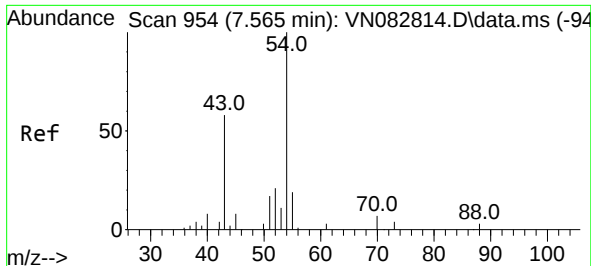


#36
1,1-Dichloropropene
Concen: 54.014 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23



Tgt Ion: 75 Resp: 71158
Ion Ratio Lower Upper
75 100
110 33.7 16.3 48.9
77 30.8 24.6 37.0





#37
Ethyl Acetate
Concen: 53.440 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

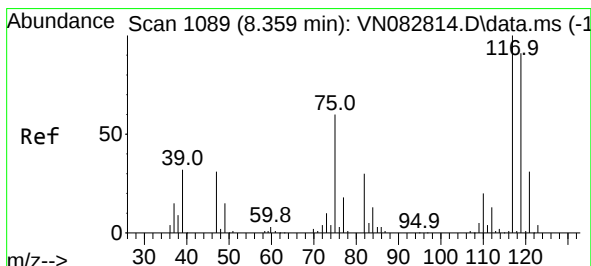
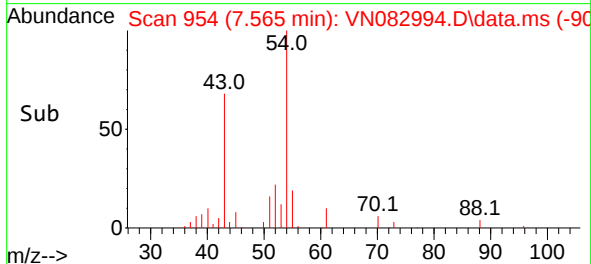
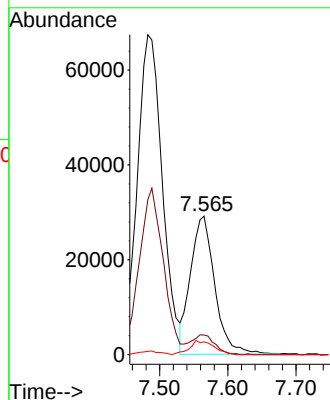
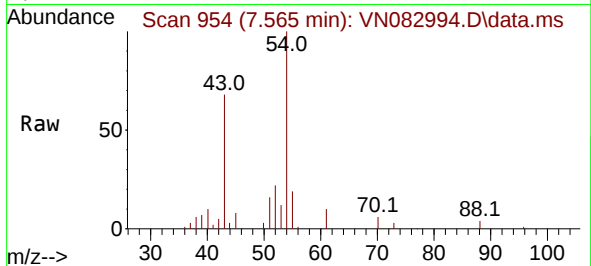
Tgt Ion: 43 Resp: 71670
Ion Ratio Lower Upper
43 100
61 14.1 9.3 13.9
70 10.1 7.0 10.6

Manual Integrations

APPROVED

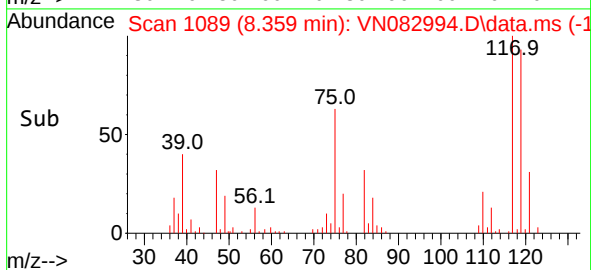
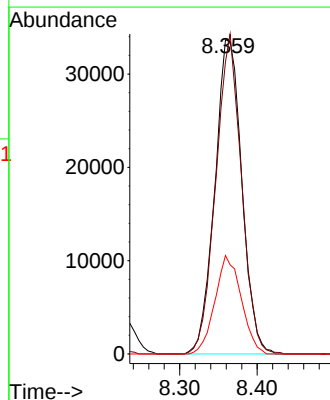
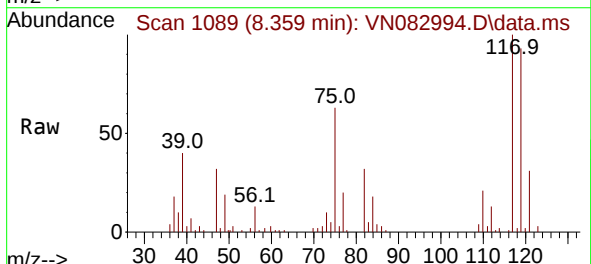
Reviewed By :John Carlone 07/22/2024

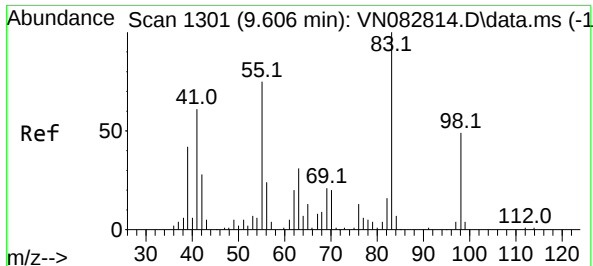
Supervised By :Mahesh Dadoda 07/22/2024



#38
Carbon Tetrachloride
Concen: 51.471 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion:117 Resp: 81643
Ion Ratio Lower Upper
117 100
119 93.0 74.9 112.3
121 31.4 24.3 36.5





#39

Methylcyclohexane

Concen: 47.783 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 6799

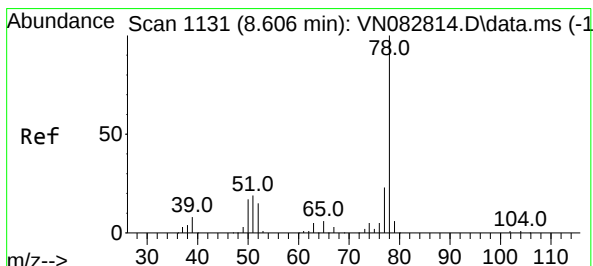
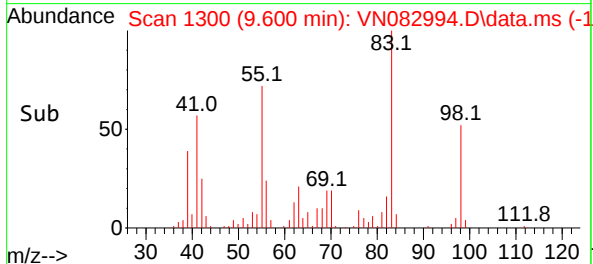
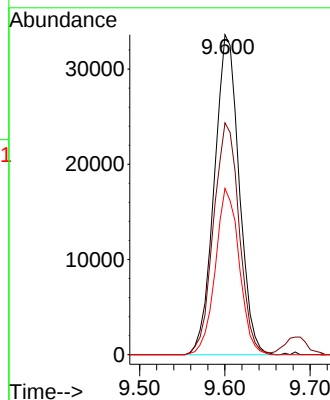
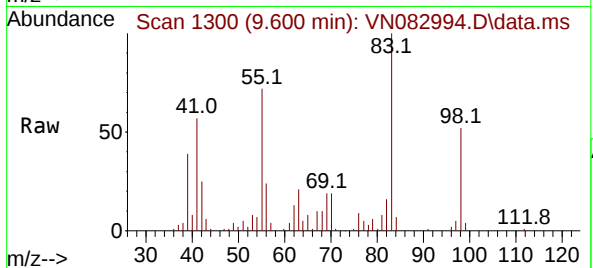
Ion	Ratio	Lower	Upper
83	100		
55	72.4	66.4	99.6
98	52.0	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2024

Supervised By :Mahesh Dadoda 07/22/2024



#40

Benzene

Concen: 54.188 ug/l

RT: 8.606 min Scan# 1131

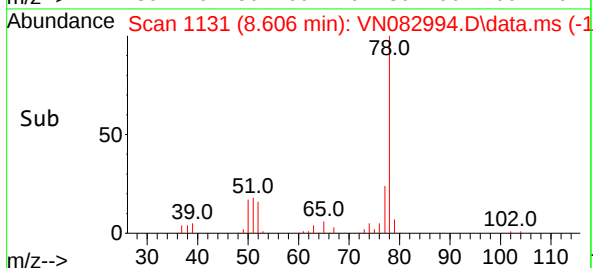
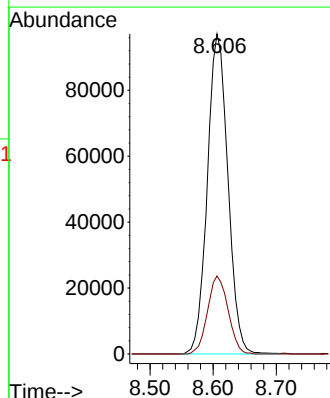
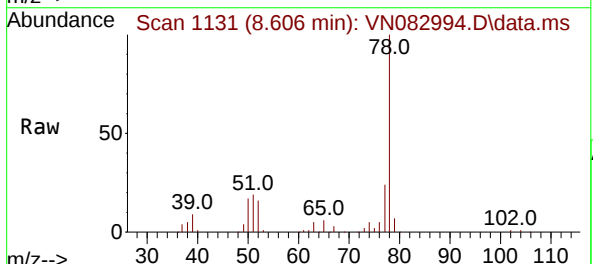
Delta R.T. 0.000 min

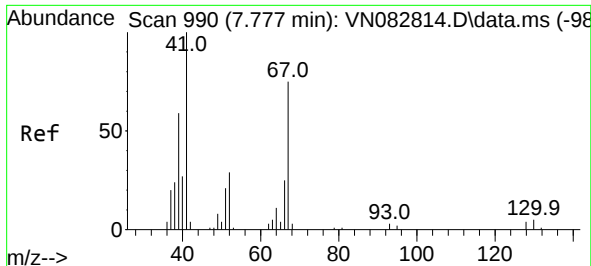
Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Tgt Ion: 78 Resp: 219593

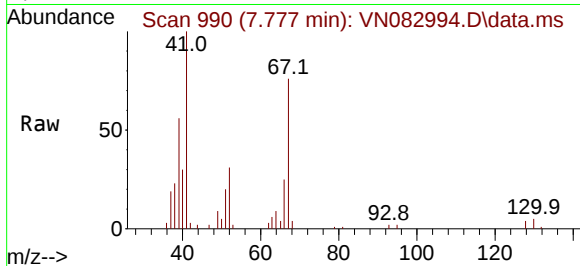
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





#41
Methacrylonitrile
Concen: 54.076 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

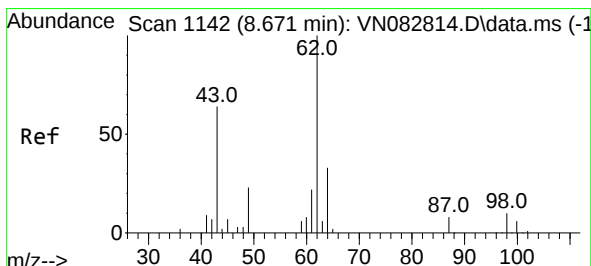
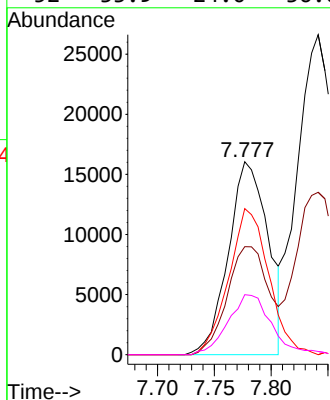
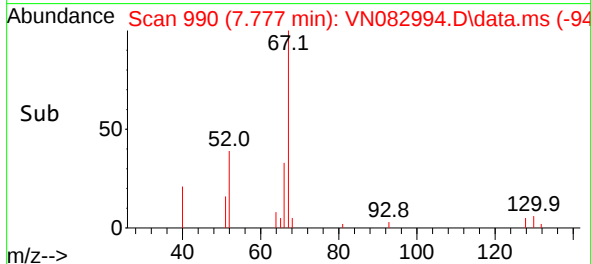
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 39074
Ion Ratio Lower Upper
41 100
39 58.4 45.5 68.3
67 76.3 50.5 75.7
52 33.9 24.0 36.0

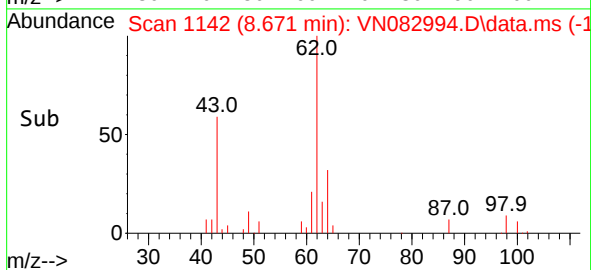
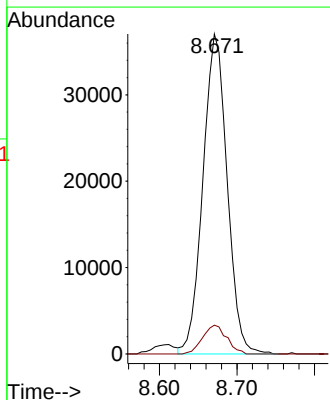
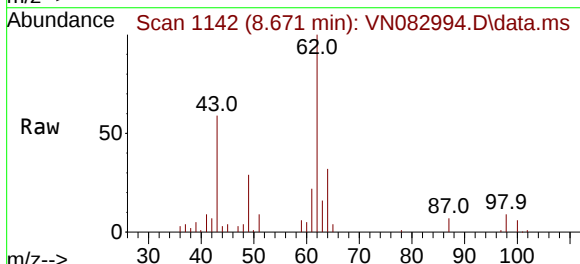
Manual Integrations
APPROVED

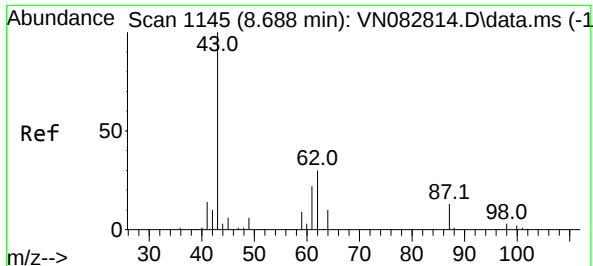
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#42
1,2-Dichloroethane
Concen: 55.206 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 62 Resp: 80538
Ion Ratio Lower Upper
62 100
98 9.0 0.0 15.8





#43

Isopropyl Acetate

Concen: 50.733 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 128194

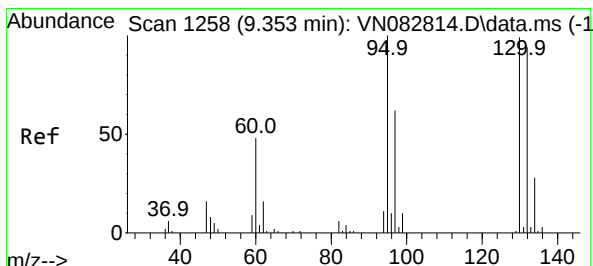
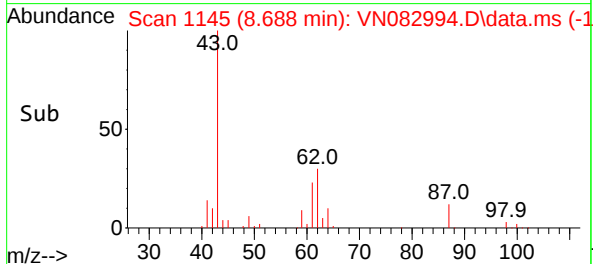
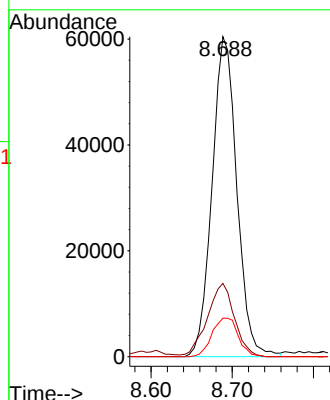
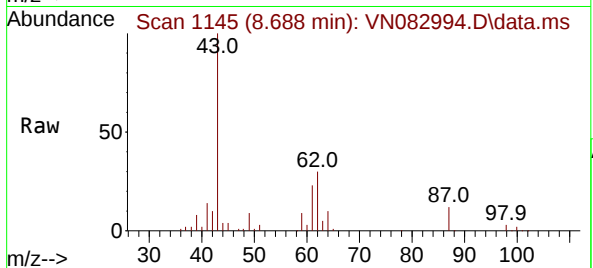
Ion	Ratio	Lower	Upper
43	100		
61	25.1	17.8	26.6
87	12.8	8.2	12.2

Manual Integrations

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Reviewed By :John Carlone 07/22/2024

Supervised By :Mahesh Dadoda 07/22/2024



#44

Trichloroethene

Concen: 49.553 ug/l

RT: 9.353 min Scan# 1258

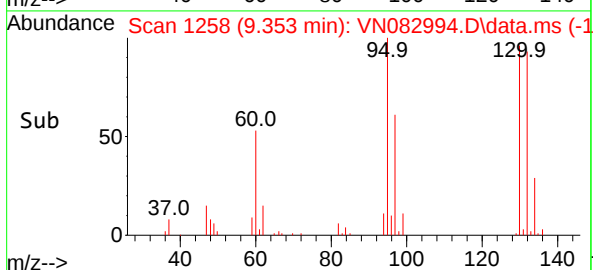
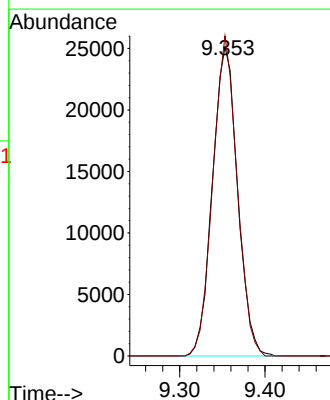
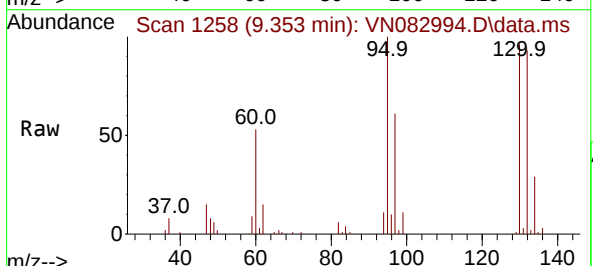
Delta R.T. 0.000 min

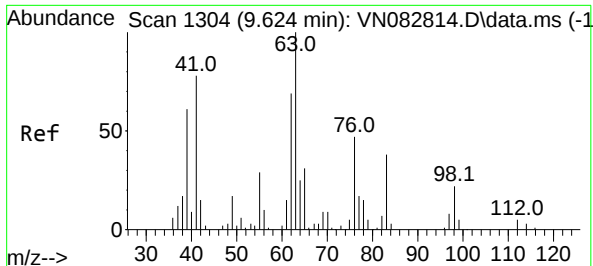
Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Tgt Ion:130 Resp: 51446

Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	197.8





#45

1,2-Dichloropropane

Concen: 57.515 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 54414

Ion Ratio Lower Upper

63 100

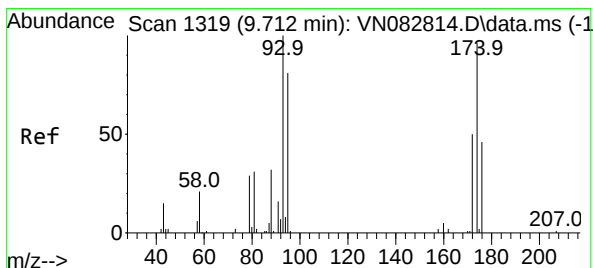
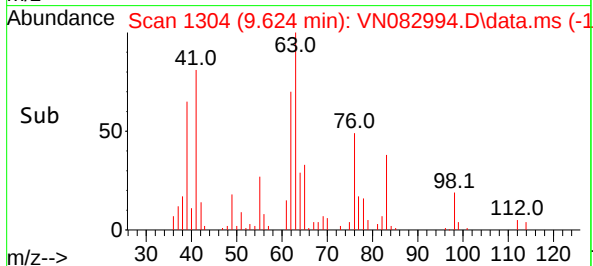
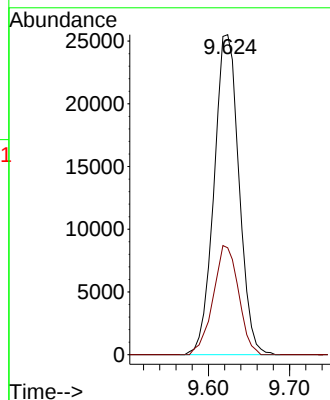
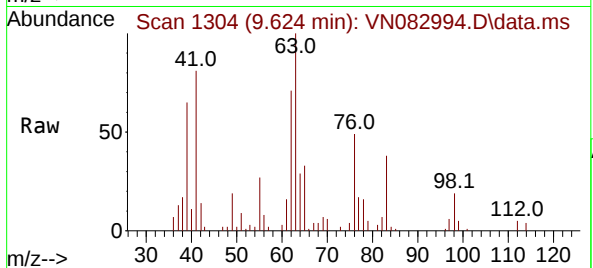
65 33.4 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2024

Supervised By :Mahesh Dadoda 07/22/2024



#46

Dibromomethane

Concen: 55.500 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

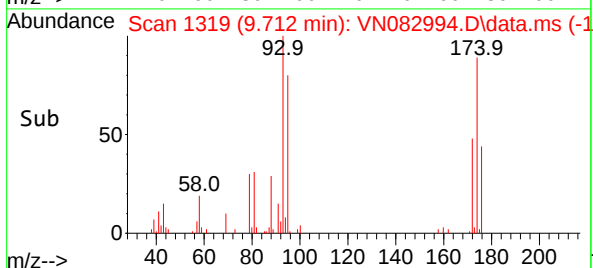
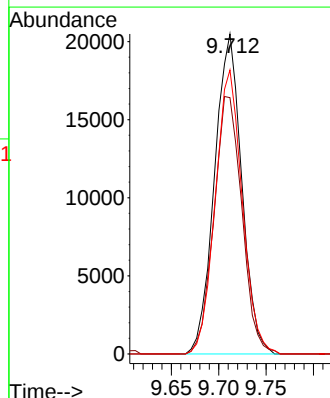
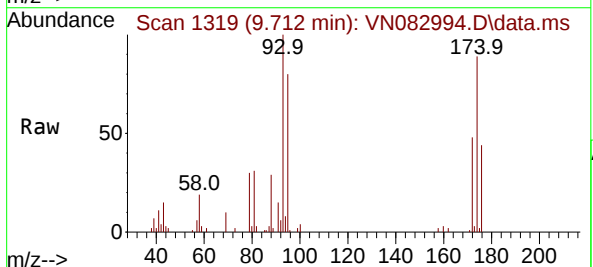
Tgt Ion: 93 Resp: 40906

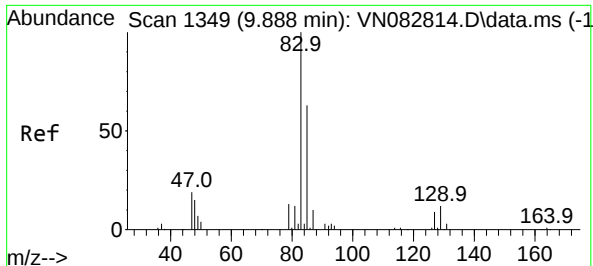
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.6

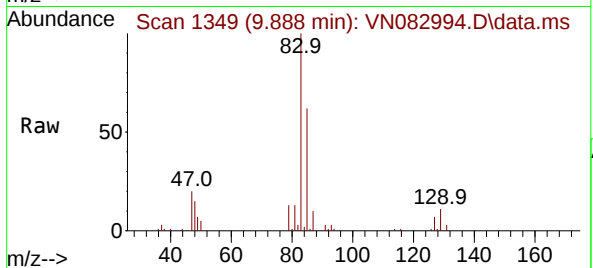
174 88.2 71.7 107.5





#47
Bromodichloromethane
Concen: 56.508 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

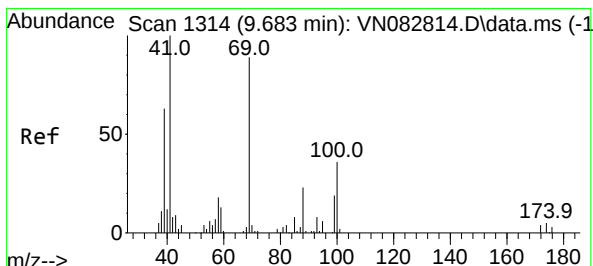
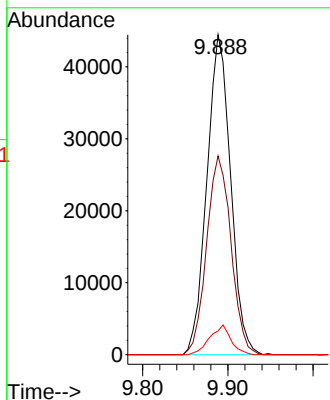
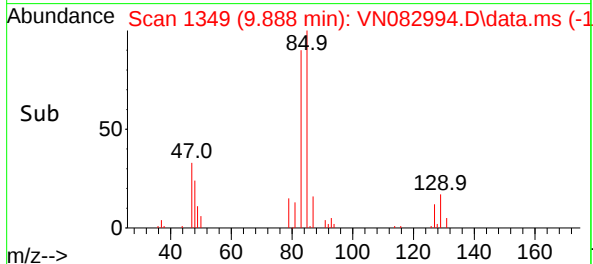
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 8605
Ion Ratio Lower Upper
83 100
85 62.1 51.1 76.7
127 7.4 7.2 10.8

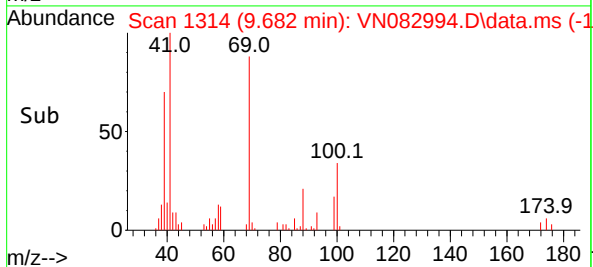
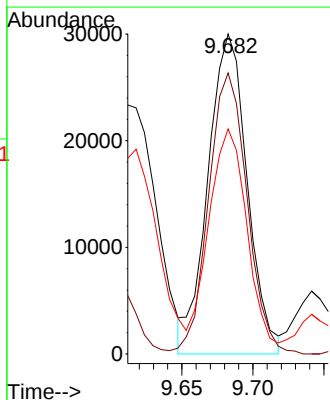
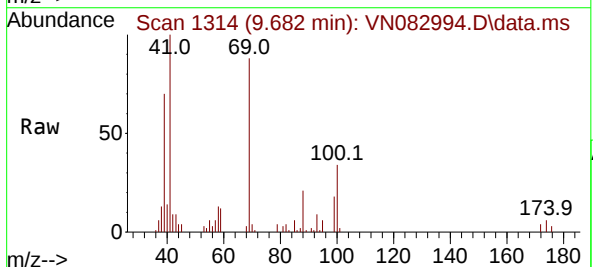
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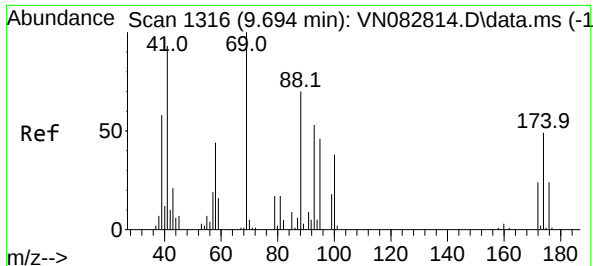
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#48
Methyl methacrylate
Concen: 54.869 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

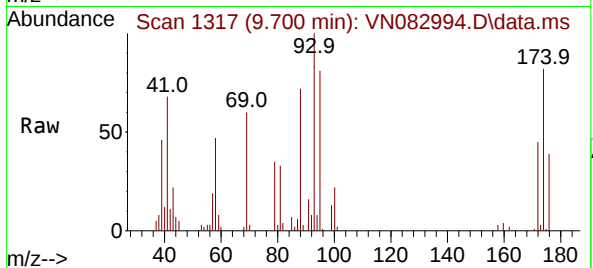
Tgt Ion: 41 Resp: 57705
Ion Ratio Lower Upper
41 100
69 86.2 56.3 84.5#
39 69.1 50.3 75.5





#49
1,4-Dioxane
Concen: 992.317 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

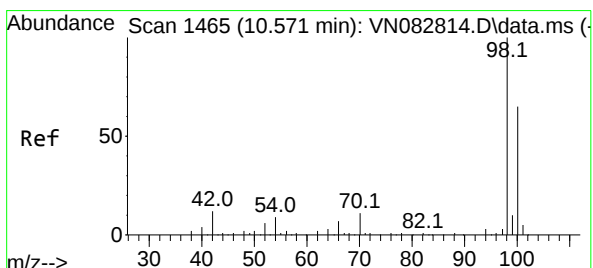
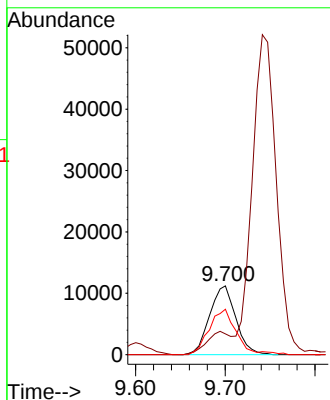
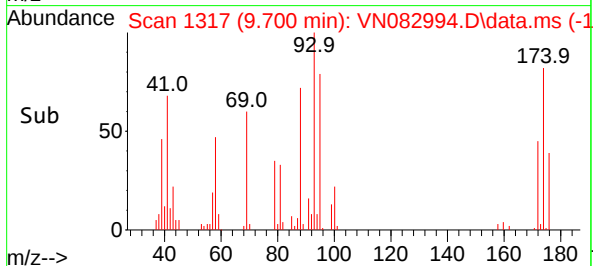
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2270
Ion Ratio Lower Upper
88 100
43 30.1 27.8 41.8
58 69.1 59.4 89.0

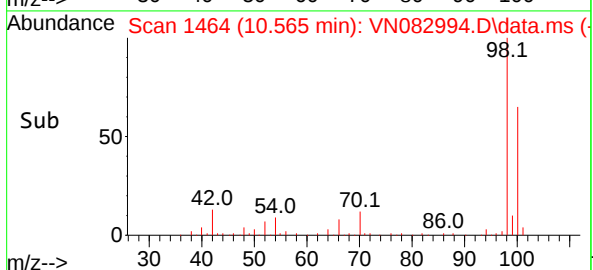
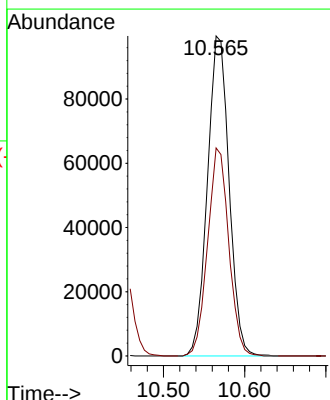
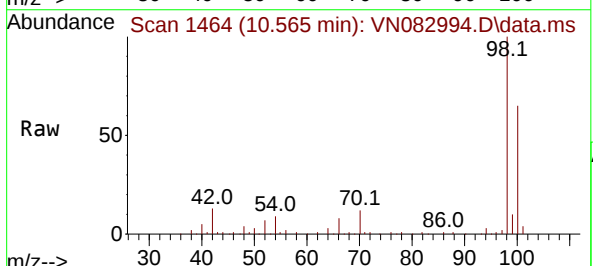
Manual Integrations
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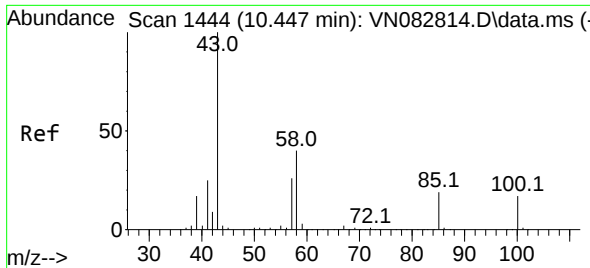
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#50
Toluene-d8
Concen: 52.128 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 98 Resp: 183969
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3





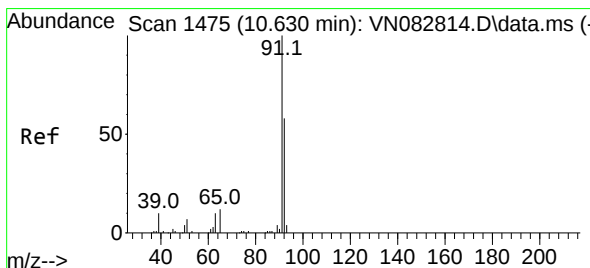
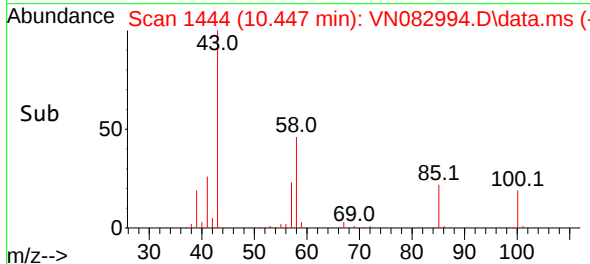
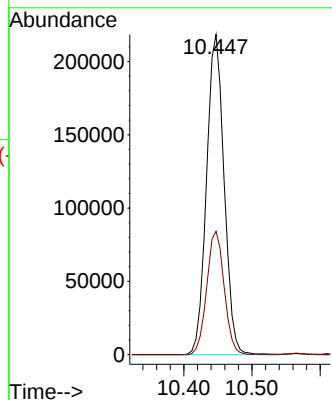
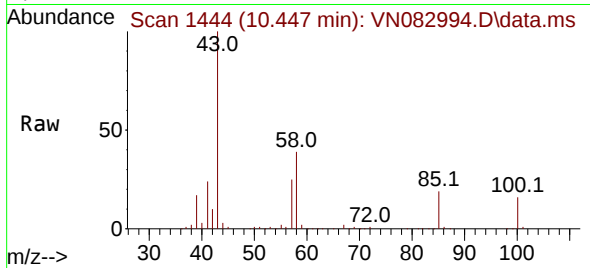
#51
4-Methyl-2-Pentanone
Concen: 294.579 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 391697
Ion Ratio Lower Upper
43 100
58 38.3 28.2 42.4

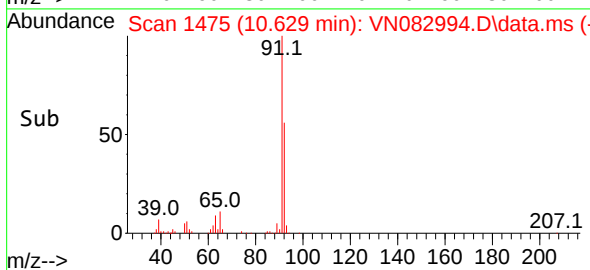
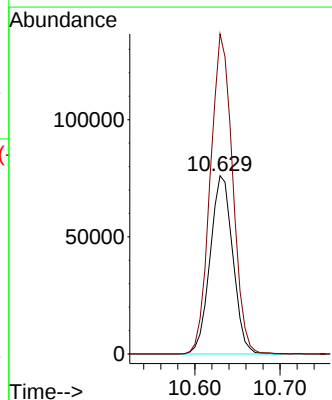
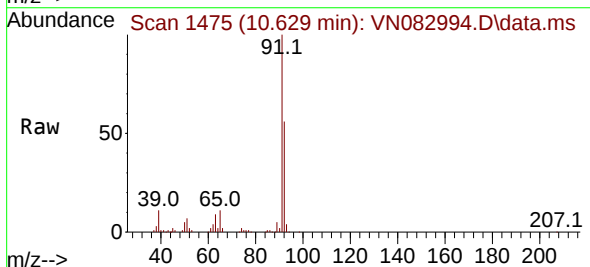
Manual Integrations
APPROVED

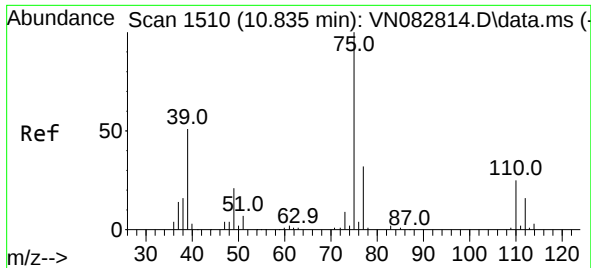
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#52
Toluene
Concen: 55.585 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

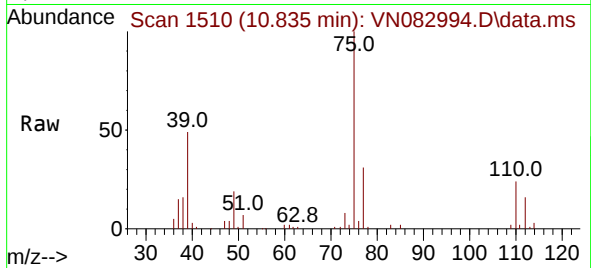
Tgt Ion: 92 Resp: 140709
Ion Ratio Lower Upper
92 100
91 176.9 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 55.508 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

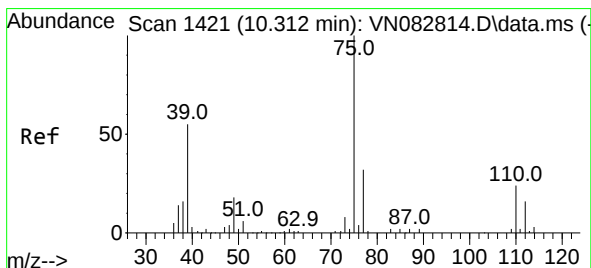
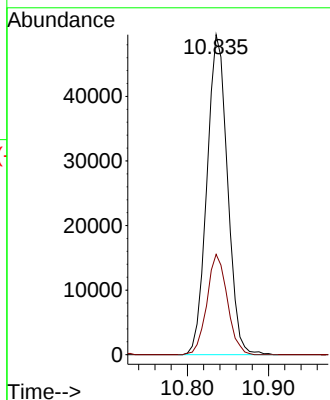
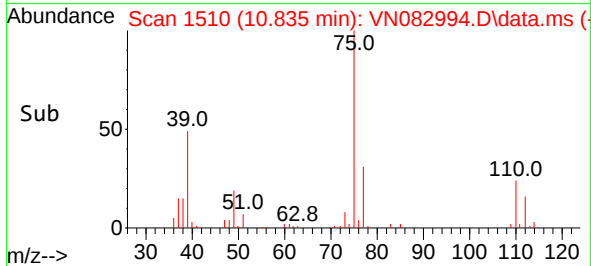
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 87084
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5

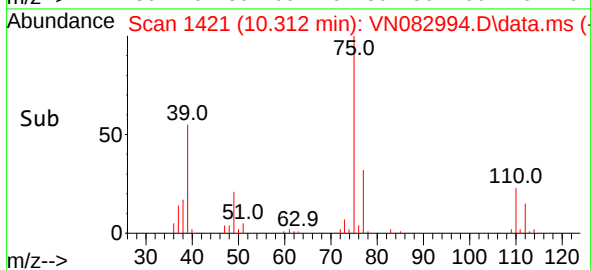
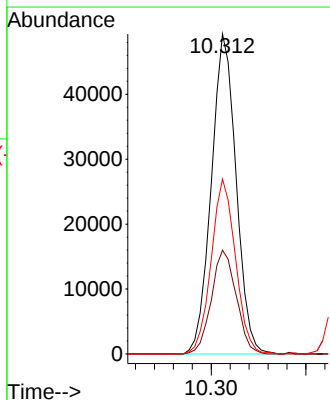
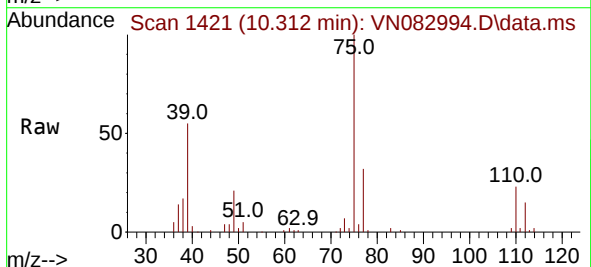
Manual Integrations
APPROVED

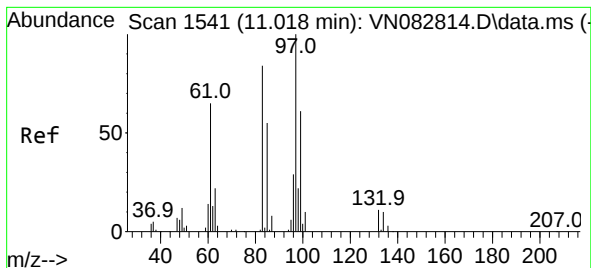
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#54
cis-1,3-Dichloropropene
Concen: 53.832 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

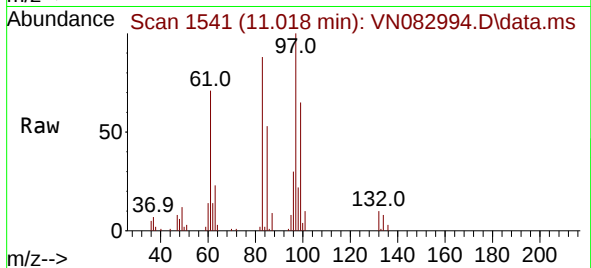
Tgt Ion: 75 Resp: 89395
Ion Ratio Lower Upper
75 100
77 32.4 24.3 36.5
39 54.6 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 59.176 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

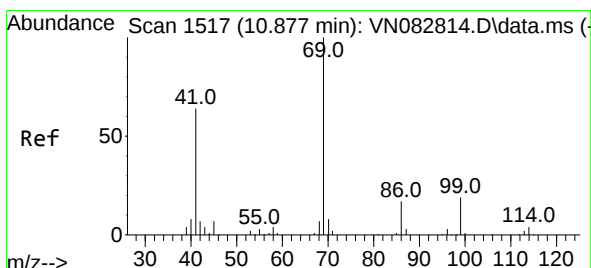
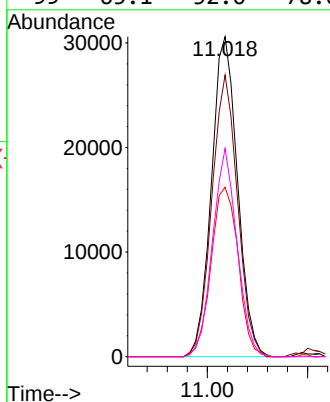
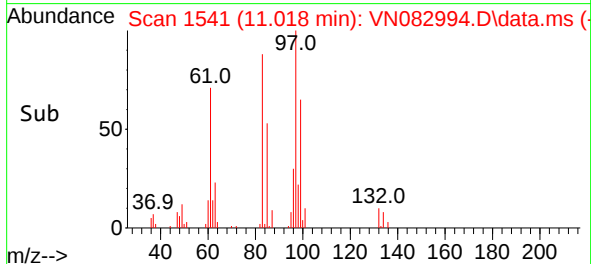
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



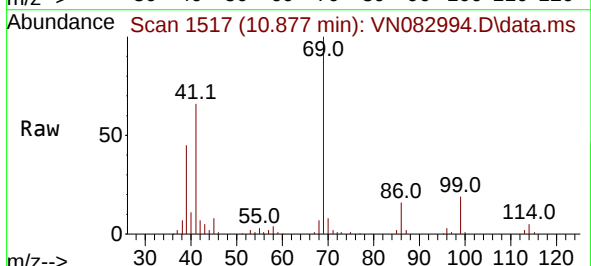
Tgt Ion: 97	Resp: 55084		
Ion	Ratio	Lower	Upper
97	100		
83	88.0	71.4	107.0
85	52.9	45.8	68.6
99	65.1	52.0	78.0

Manual Integrations
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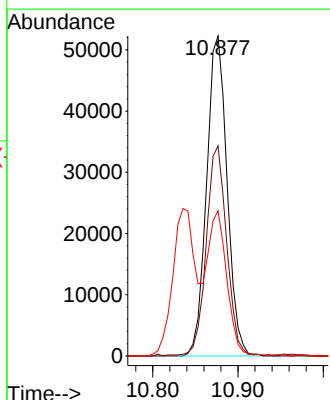
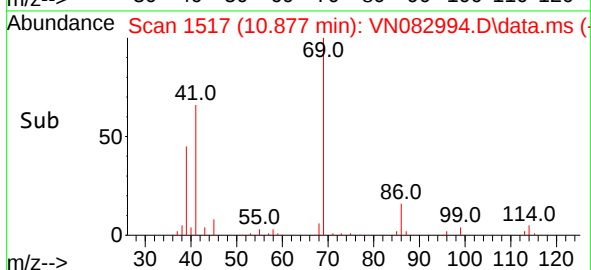
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024

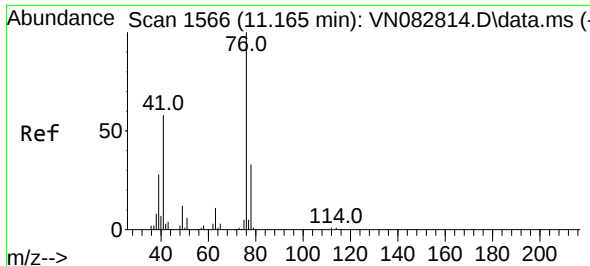


#56
Ethyl methacrylate
Concen: 60.178 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23



Tgt Ion: 69	Resp: 87150
Ion Ratio	Lower Upper
69 100	
41 65.7	63.4 95.2
39 40.3	37.4 56.0





#57

1,3-Dichloropropane

Concen: 57.401 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 94580

Ion Ratio Lower Upper

76 100

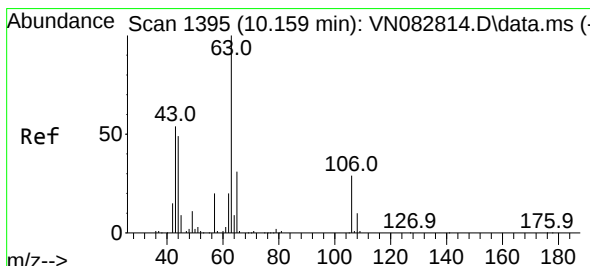
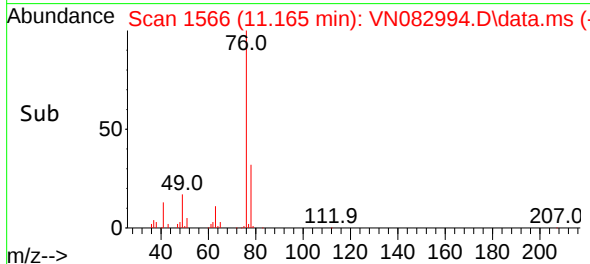
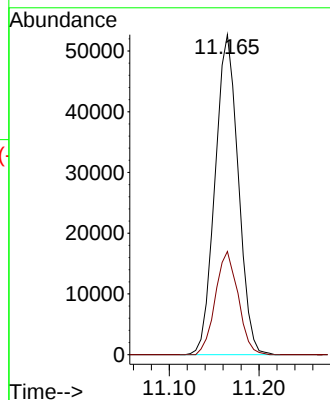
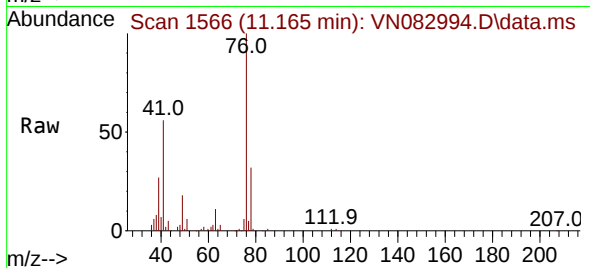
78 31.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2024

Supervised By :Mahesh Dadoda 07/22/2024



#58

2-Chloroethyl Vinyl ether

Concen: 302.656 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082994.D

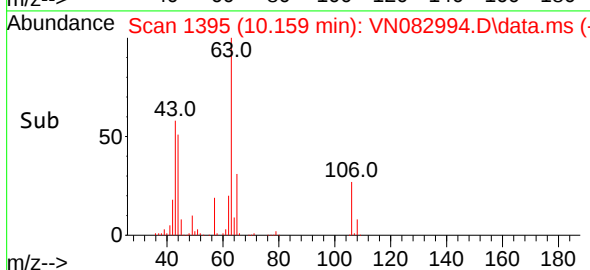
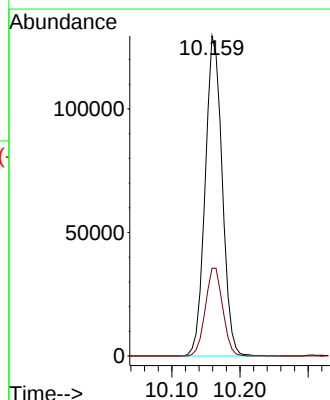
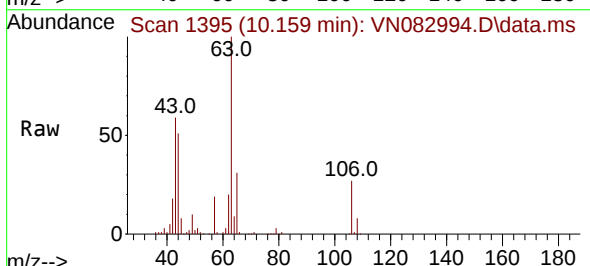
Acq: 19 Jul 2024 17:23

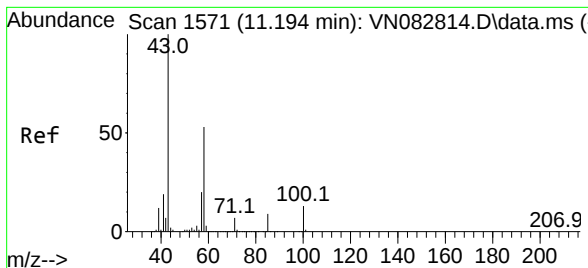
Tgt Ion: 63 Resp: 224909

Ion Ratio Lower Upper

63 100

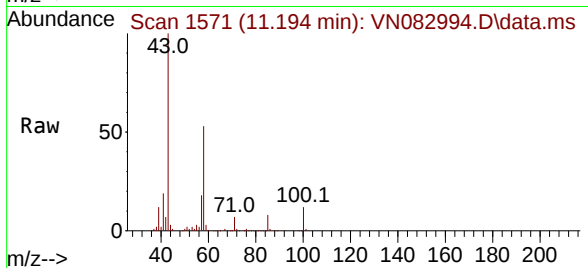
106 28.0 21.4 32.0





#59
2-Hexanone
Concen: 295.269 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

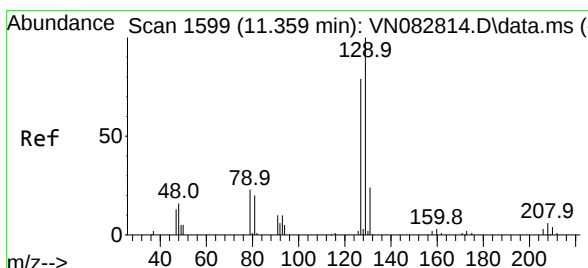
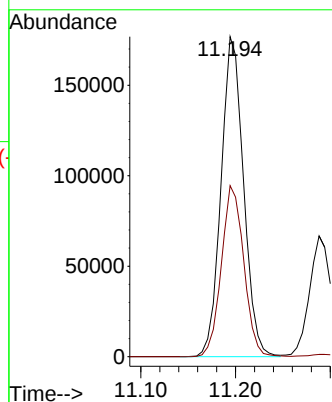
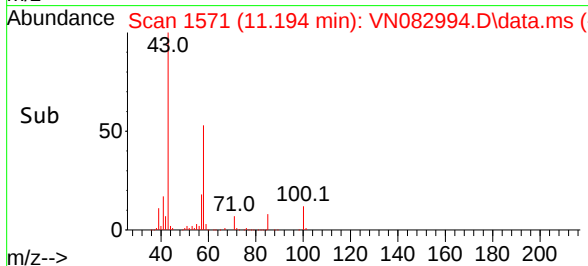
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 291902
Ion Ratio Lower Upper
43 100
58 53.3 24.6 73.8

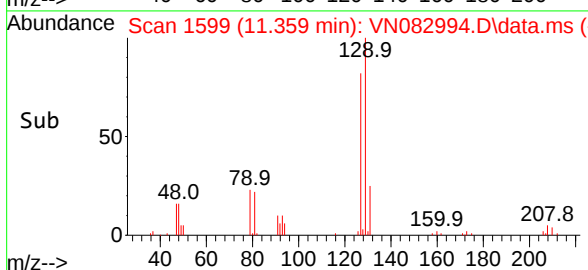
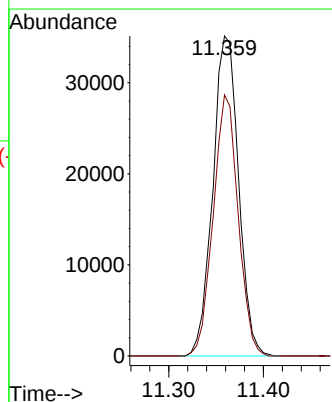
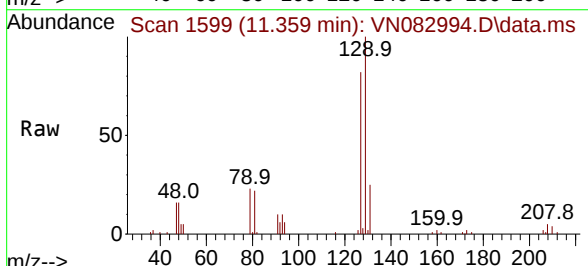
Manual Integrations
APPROVED

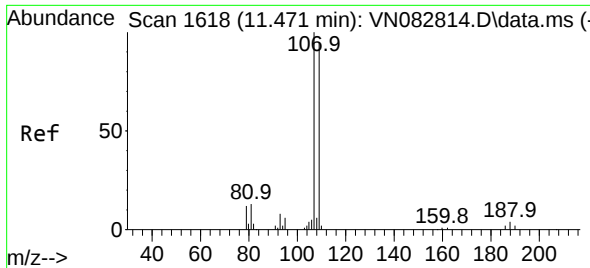
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#60
Dibromochloromethane
Concen: 56.103 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

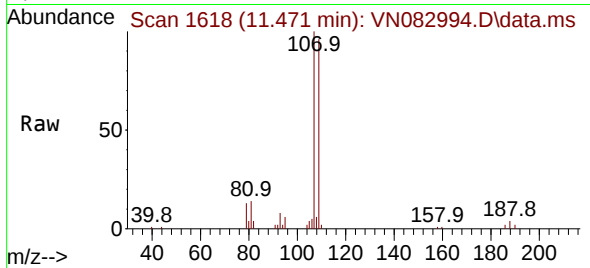
Tgt Ion:129 Resp: 66516
Ion Ratio Lower Upper
129 100
127 78.9 39.2 117.6





#61
1,2-Dibromoethane
Concen: 55.098 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

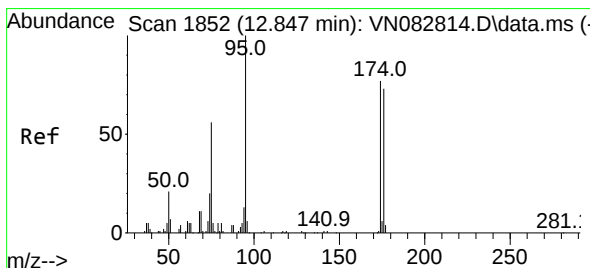
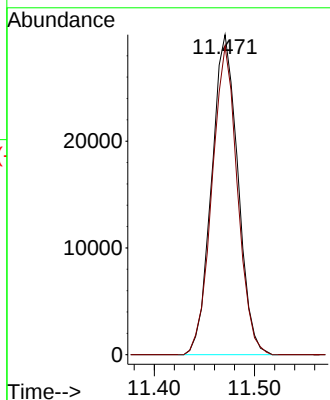
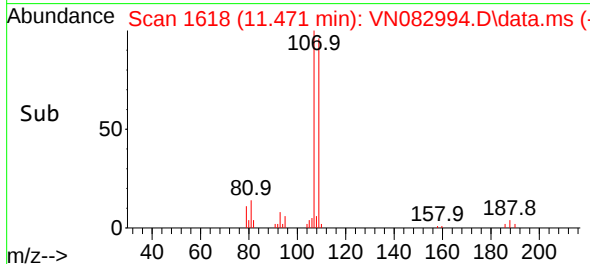
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



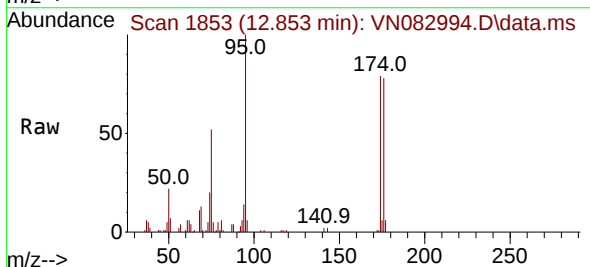
Tgt Ion:107 Resp: 5446
Ion Ratio Lower Upper
107 100
109 93.4 73.7 110.5

Manual Integrations
APPROVED

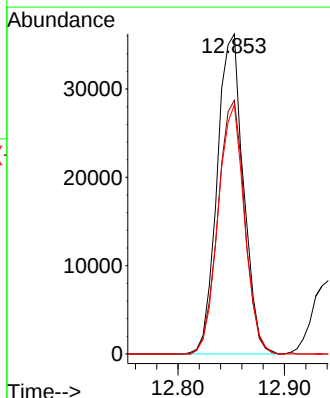
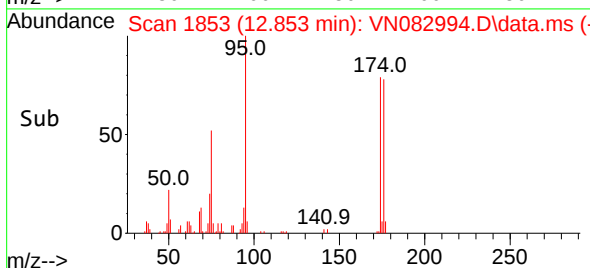
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024

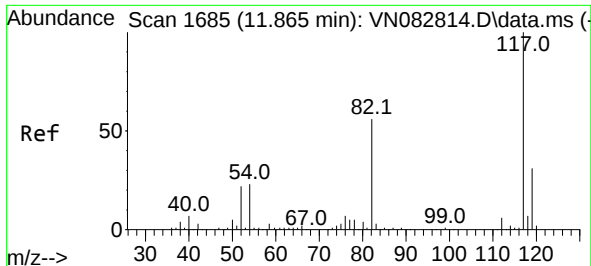


#62
4-Bromofluorobenzene
Concen: 48.916 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23



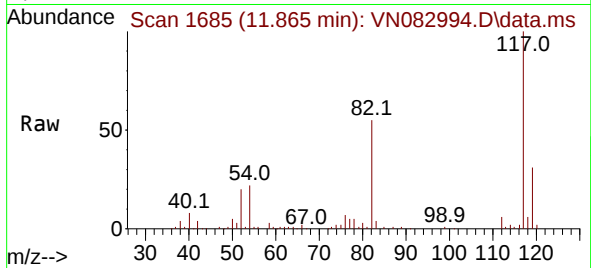
Tgt Ion: 95 Resp: 62011
Ion Ratio Lower Upper
95 100
174 80.3 0.0 159.2
176 78.2 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

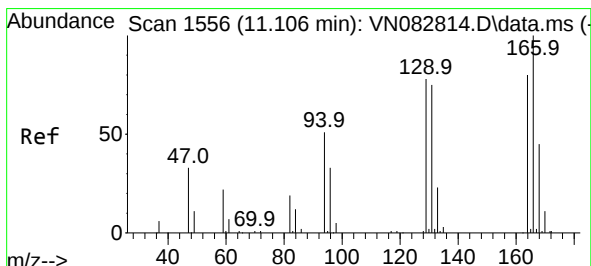
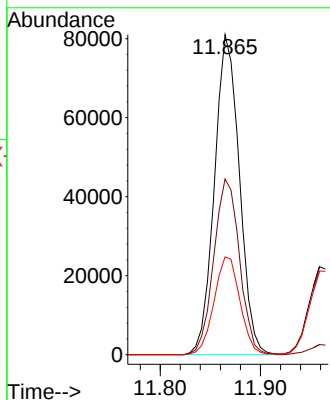
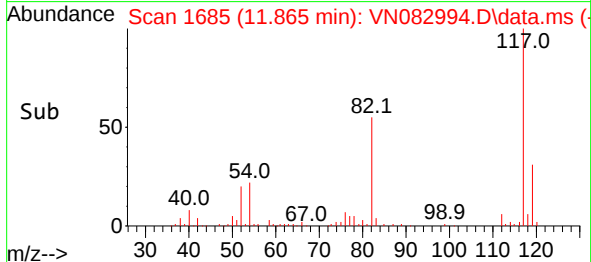
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 13986
Ion Ratio Lower Upper
117 100
82 54.9 47.5 71.3
119 30.6 25.6 38.4

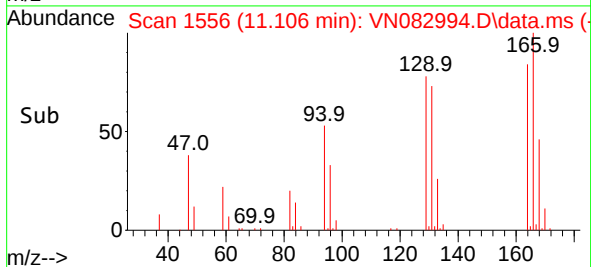
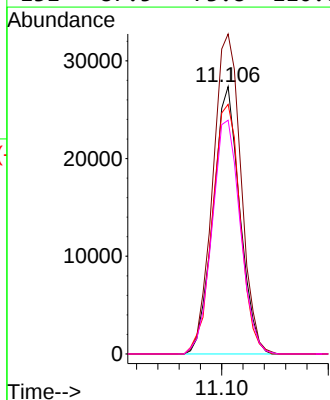
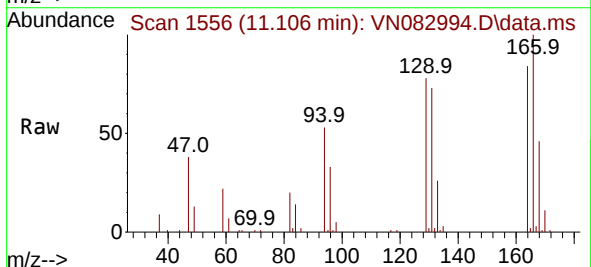
Manual Integrations
APPROVED

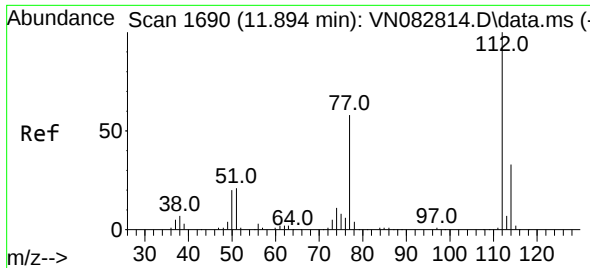
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#64
Tetrachloroethene
Concen: 45.547 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion:164 Resp: 47529
Ion Ratio Lower Upper
164 100
166 119.7 101.4 152.0
129 93.4 75.7 113.5
131 87.5 73.8 110.6





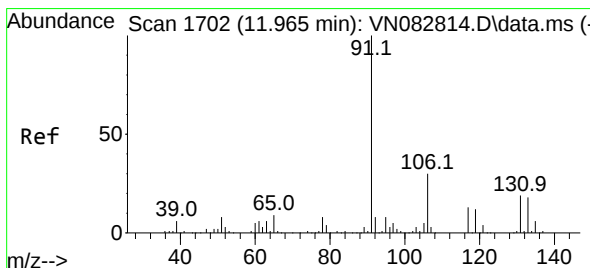
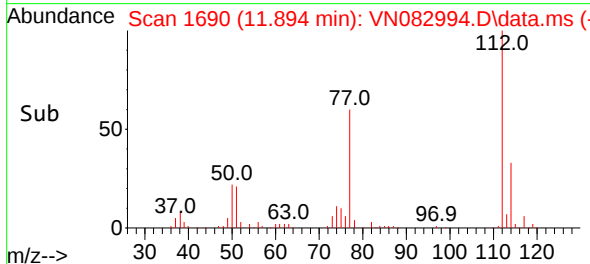
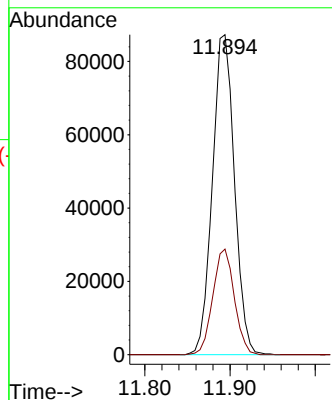
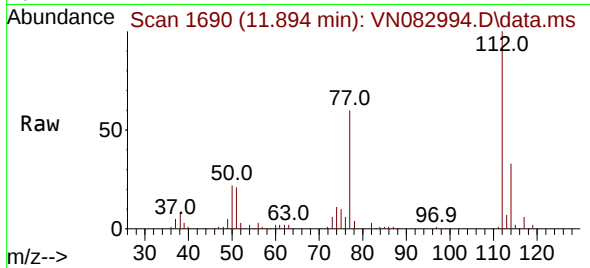
#65
Chlorobenzene
Concen: 52.386 ug/l
RT: 11.894 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 157010
Ion Ratio Lower Upper
112 100
114 33.0 26.2 39.2

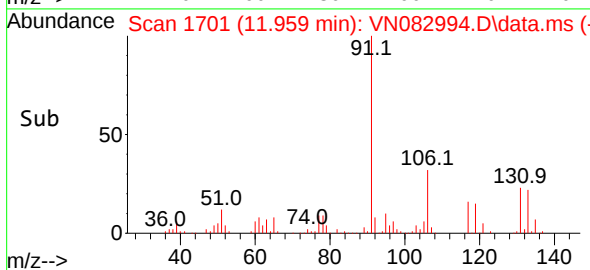
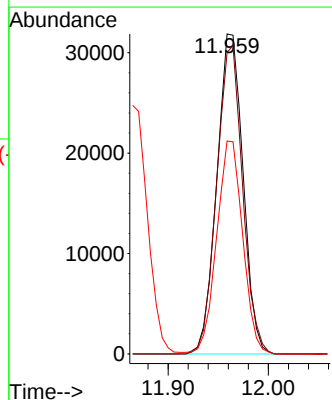
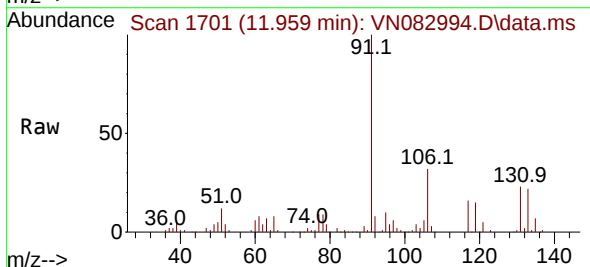
Manual Integrations
APPROVED

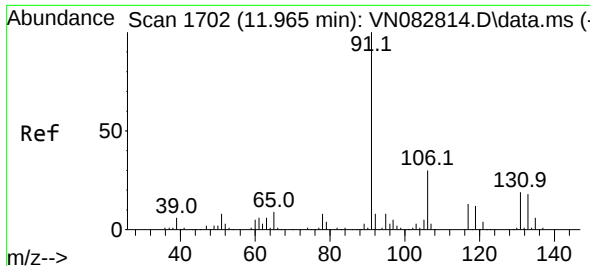
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.197 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion:131 Resp: 57778
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 66.1 32.5 97.4





#67

Ethyl Benzene

Concen: 53.387 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.001 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 268925

Ion Ratio Lower Upper

91 100

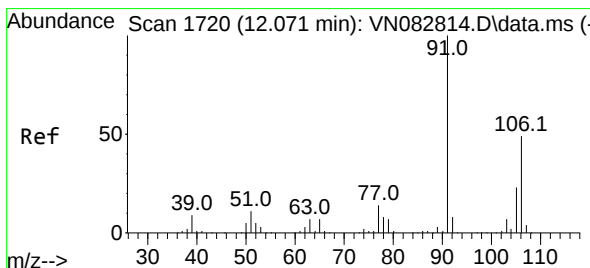
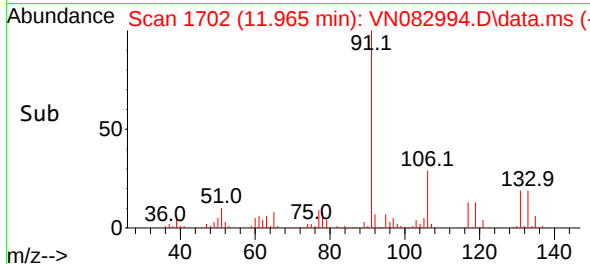
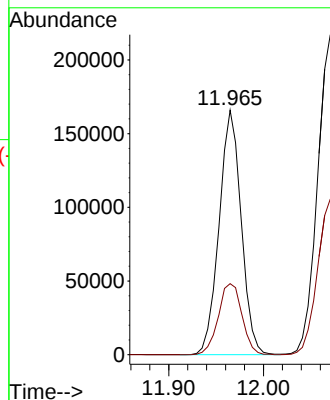
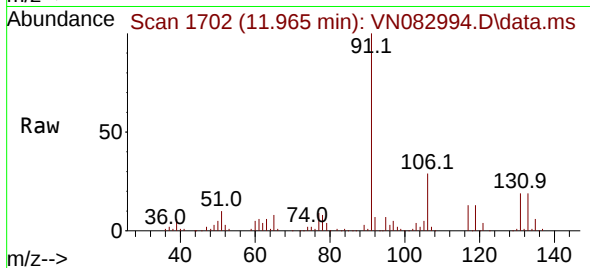
106 29.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2024

Supervised By :Mahesh Dadoda 07/22/2024



#68

m/p-Xylenes

Concen: 110.415 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.001 min

Lab File: VN082994.D

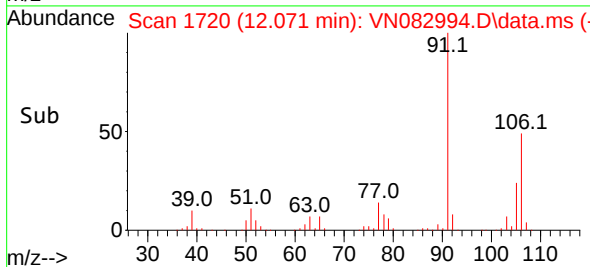
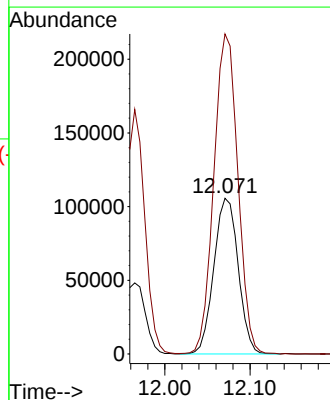
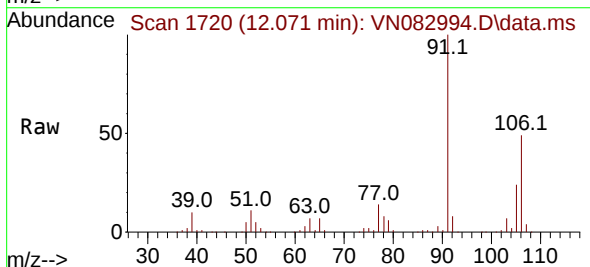
Acq: 19 Jul 2024 17:23

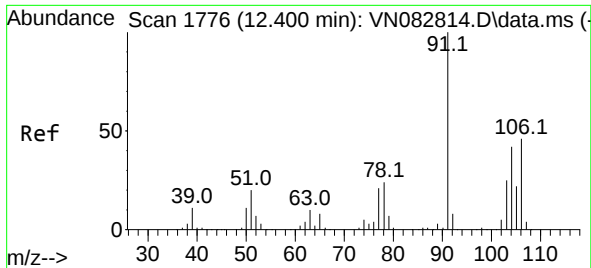
Tgt Ion:106 Resp: 209985

Ion Ratio Lower Upper

106 100

91 202.8 166.1 249.1





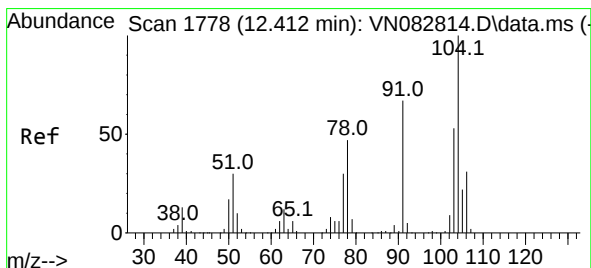
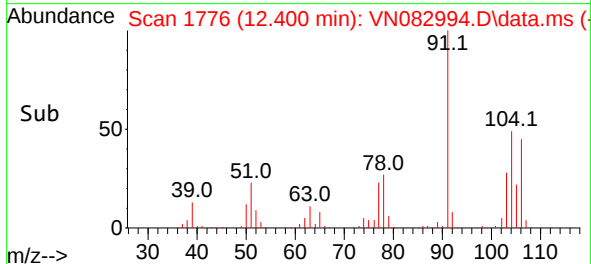
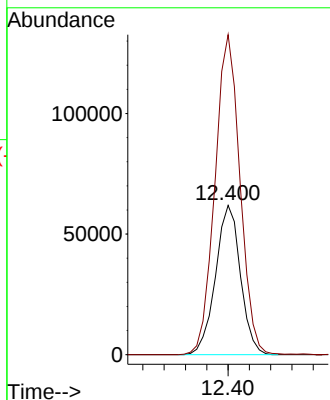
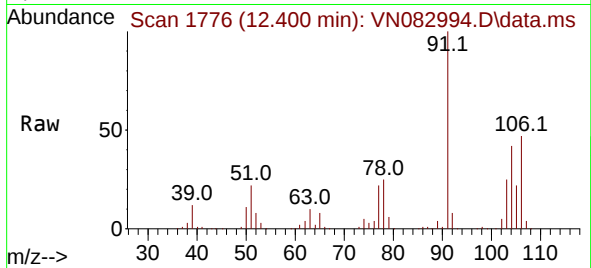
#69
o-Xylene
Concen: 55.062 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 100330
Ion Ratio Lower Upper
106 100
91 215.9 111.3 333.9

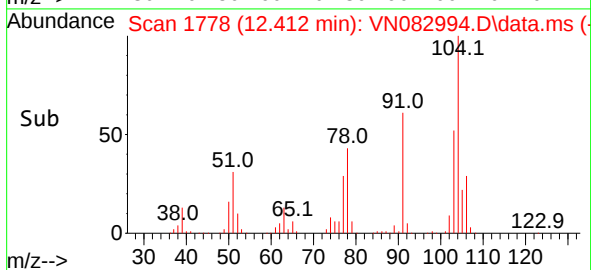
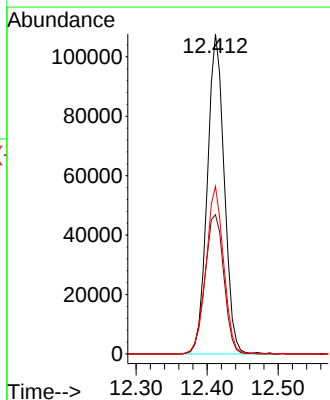
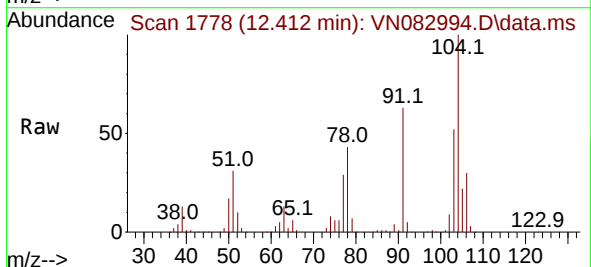
Manual Integrations
APPROVED

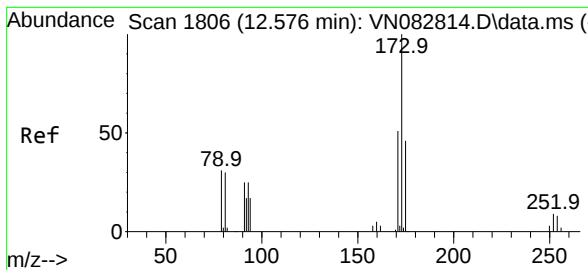
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#70
Styrene
Concen: 59.300 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

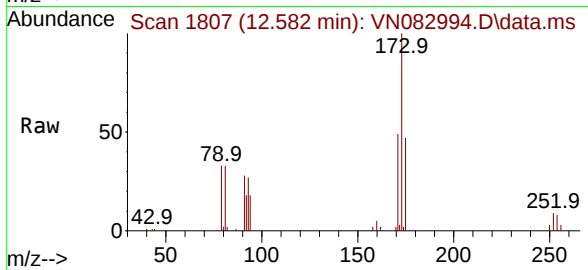
Tgt Ion:104 Resp: 178545
Ion Ratio Lower Upper
104 100
78 48.8 41.6 62.4
103 54.4 44.0 66.0





#71
Bromoform
Concen: 53.957 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

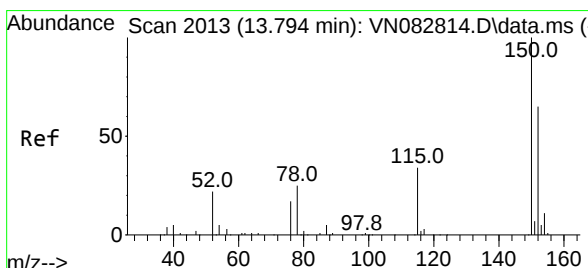
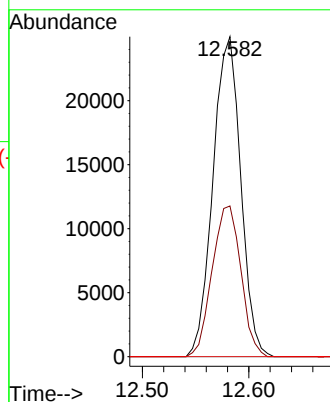
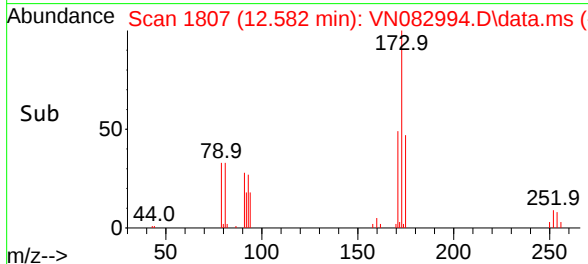
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 45238
Ion Ratio Lower Upper
173 100
175 48.7 24.0 72.0
254 0.0 0.0 0.0

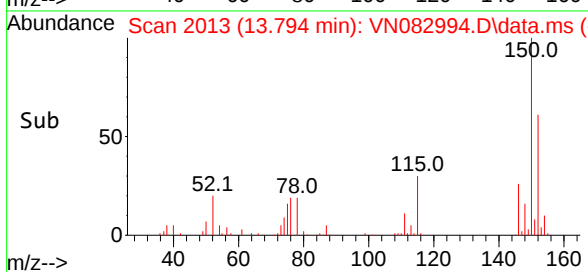
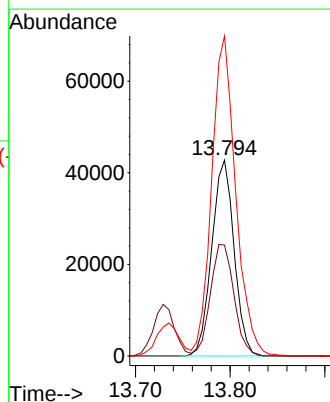
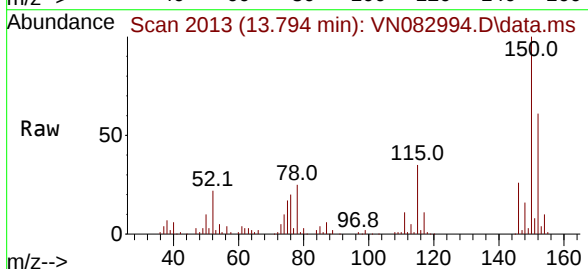
Manual Integrations
APPROVED

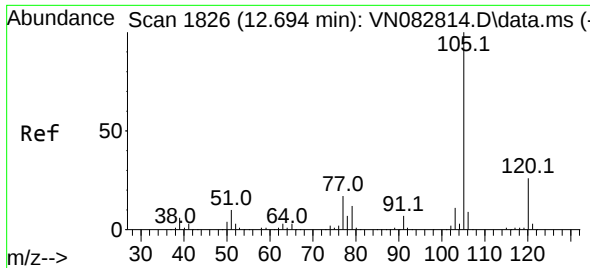
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

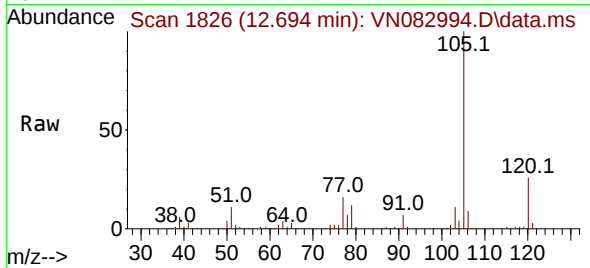
Tgt Ion:152 Resp: 70089
Ion Ratio Lower Upper
152 100
115 59.9 30.6 91.6
150 175.1 0.0 348.6





#73
Isopropylbenzene
Concen: 49.840 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

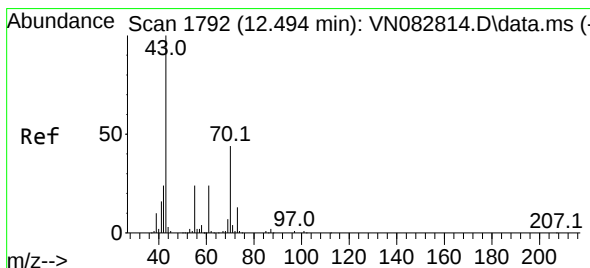
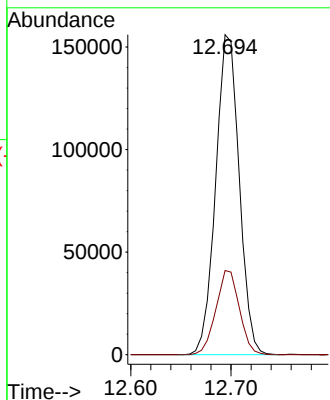
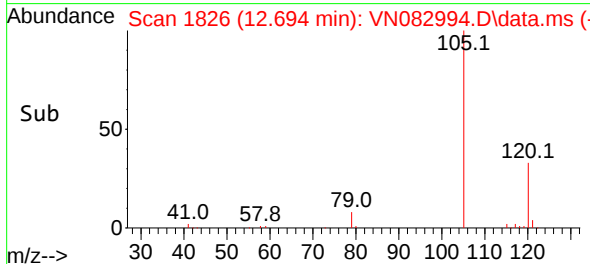
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



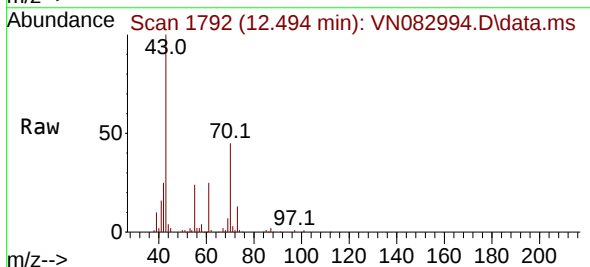
Tgt Ion:105 Resp: 25383
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

Manual Integrations
APPROVED

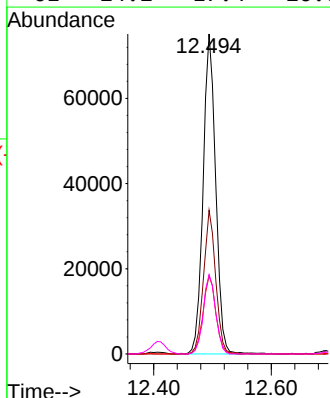
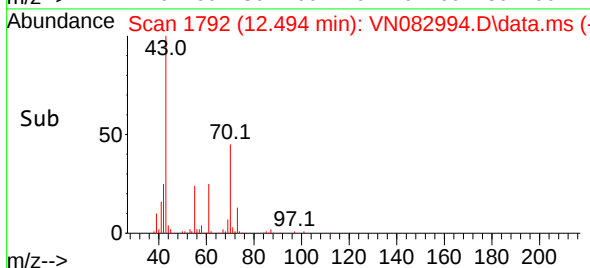
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024

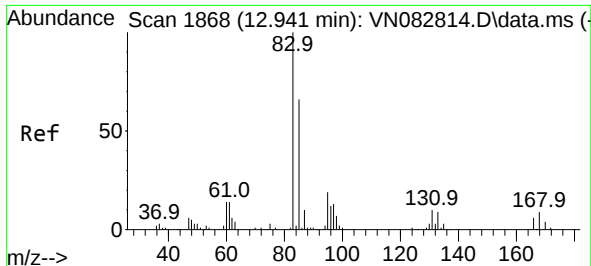


#74
N-ethyl acetate
Concen: 53.029 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23



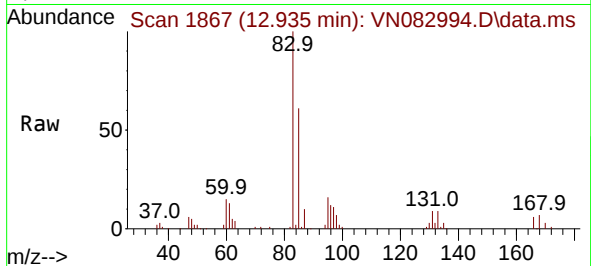
Tgt Ion: 43 Resp: 111714
Ion Ratio Lower Upper
43 100
70 43.1 29.8 44.6
55 24.7 18.7 28.1
61 24.2 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 54.075 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

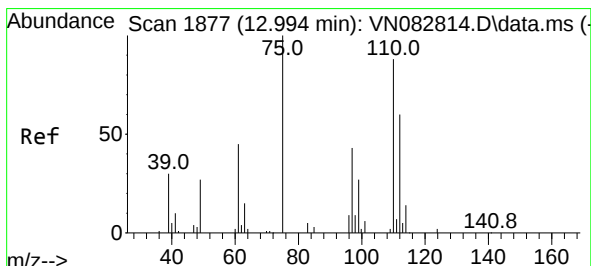
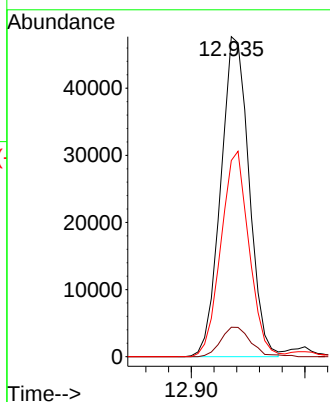
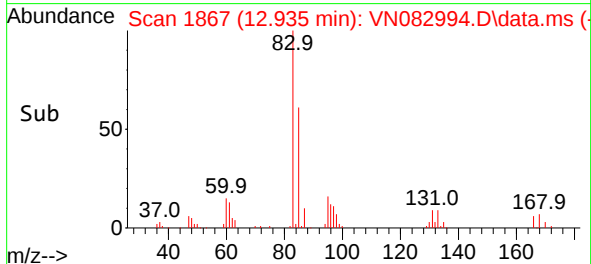
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 8248
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 63.9 31.9 95.7

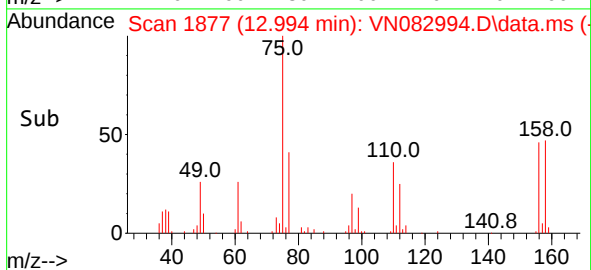
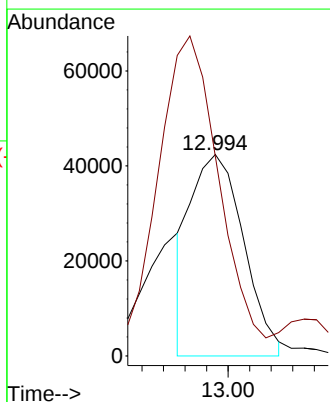
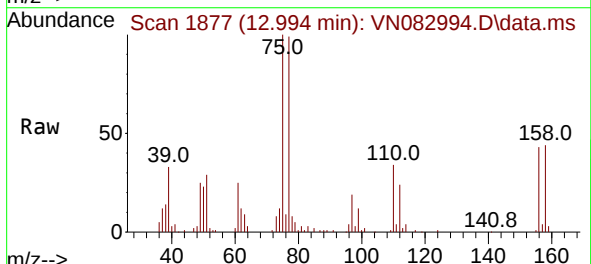
Manual Integrations
APPROVED

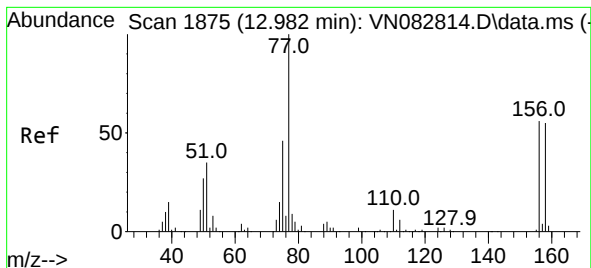
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#76
1,2,3-Trichloropropane
Concen: 59.751 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Tgt Ion: 75 Resp: 72202
Ion Ratio Lower Upper
75 100
77 186.2 110.9 332.6





#77

Bromobenzene

Concen: 48.438 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

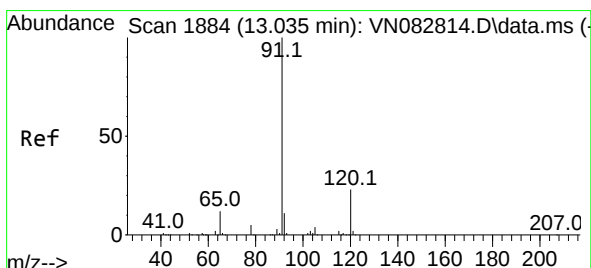
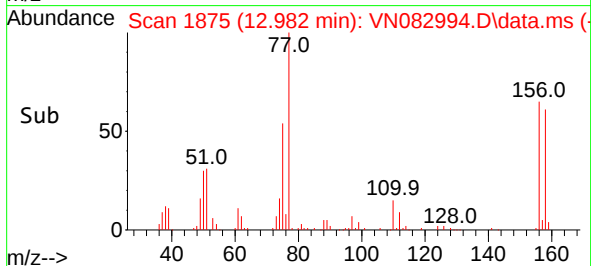
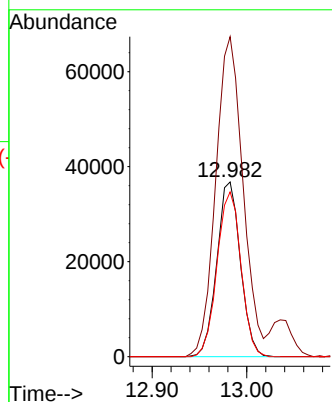
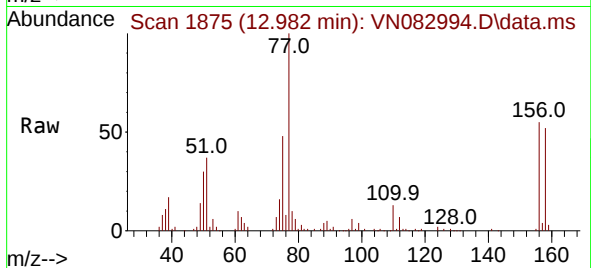
Tgt Ion:156 Resp: 63642
 Ion Ratio Lower Upper
 156 100
 77 211.3 111.3 333.8
 158 95.7 48.3 144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2024

Supervised By :Mahesh Dadoda 07/22/2024



#78

n-propylbenzene

Concen: 51.710 ug/l

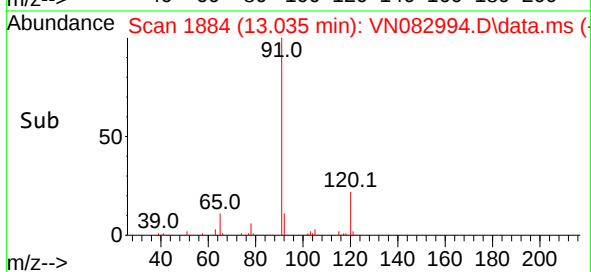
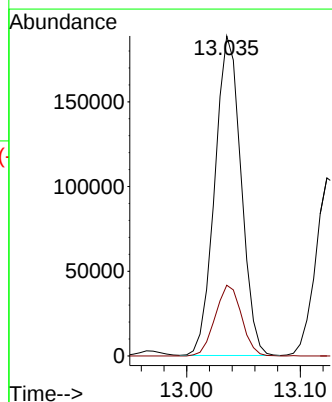
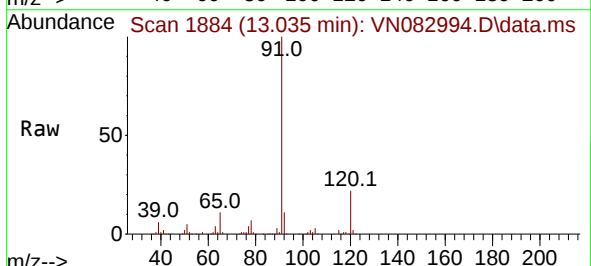
RT: 13.035 min Scan# 1884

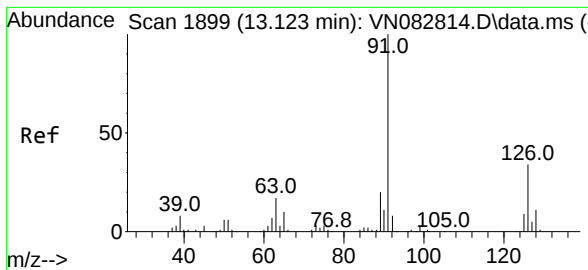
Delta R.T. 0.000 min

Lab File: VN082994.D

Acq: 19 Jul 2024 17:23

Tgt Ion: 91 Resp: 302802
 Ion Ratio Lower Upper
 91 100
 120 22.2 10.9 32.9





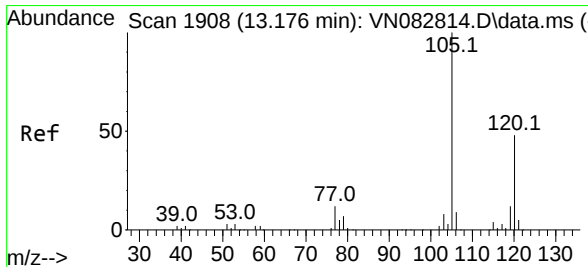
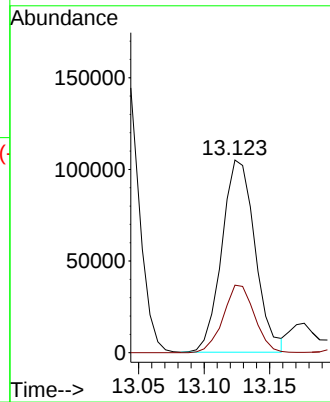
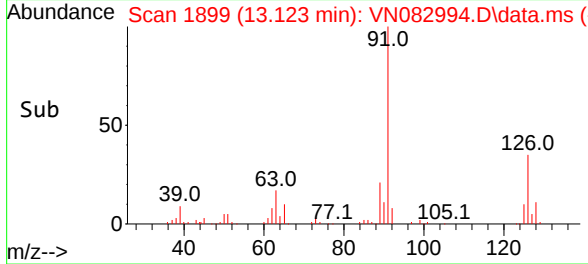
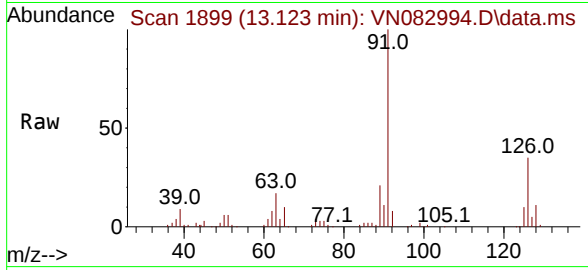
#79
2-Chlorotoluene
Concen: 49.535 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 18481
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6

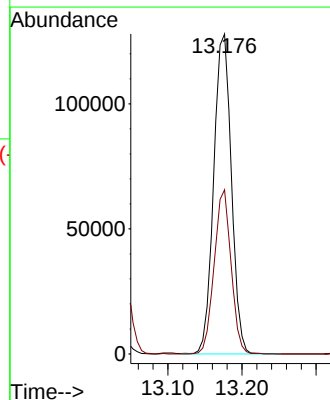
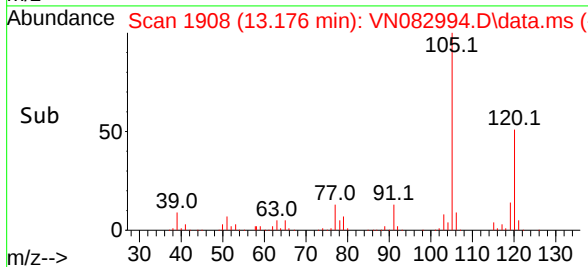
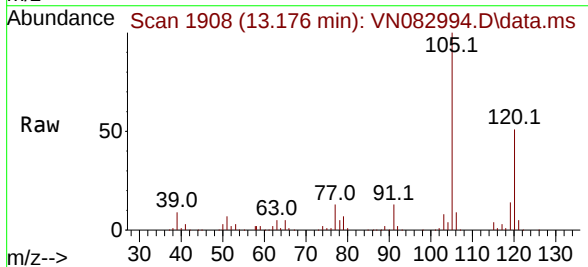
Manual Integrations
APPROVED

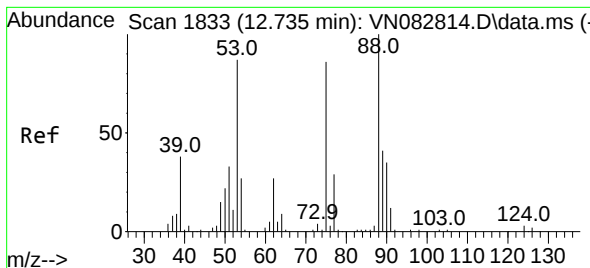
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.525 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

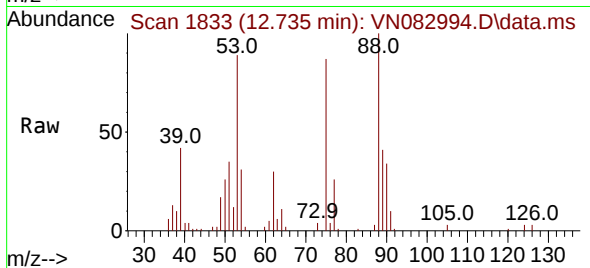
Tgt Ion:105 Resp: 212115
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 47.312 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

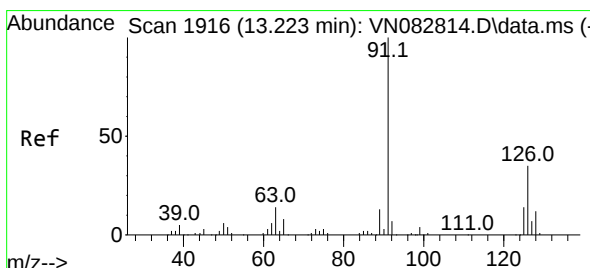
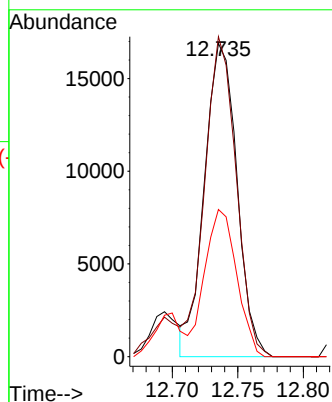
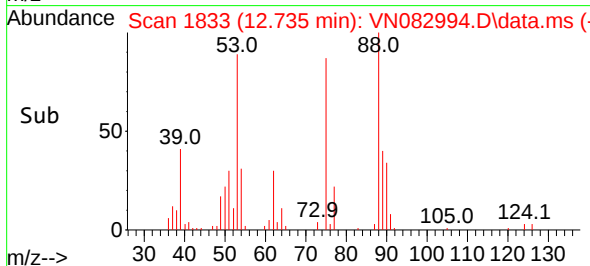
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



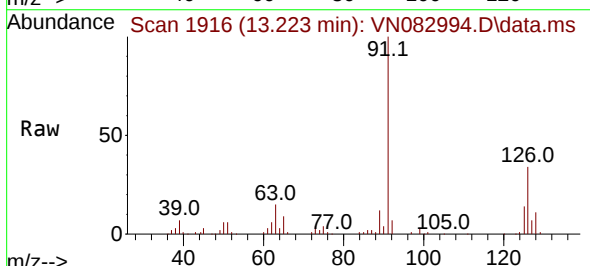
Tgt Ion: 75 Resp: 29069
Ion Ratio Lower Upper
75 100
53 98.6 88.4 132.6
89 46.0 36.3 54.5

Manual Integrations
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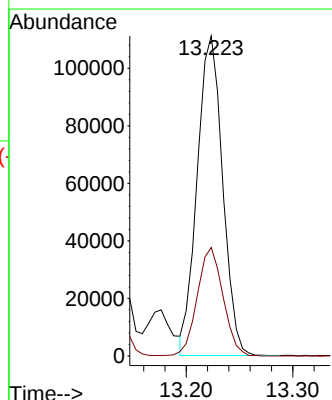
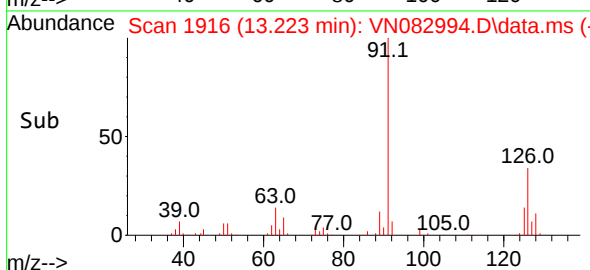
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024

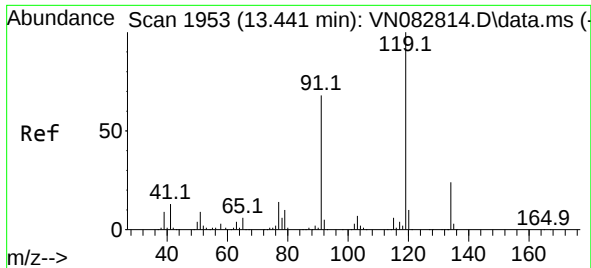


#82
4-Chlorotoluene
Concen: 49.961 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23



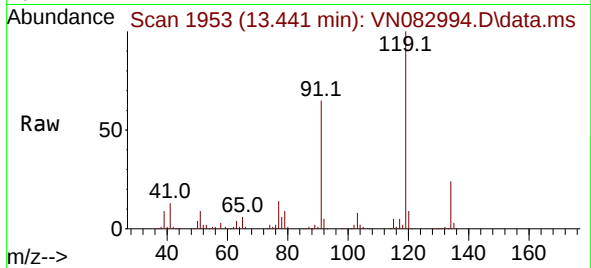
Tgt Ion: 91 Resp: 184504
Ion Ratio Lower Upper
91 100
126 34.5 16.2 48.6





#83
tert-Butylbenzene
Concen: 49.885 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

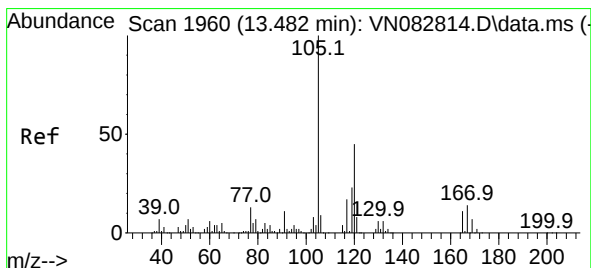
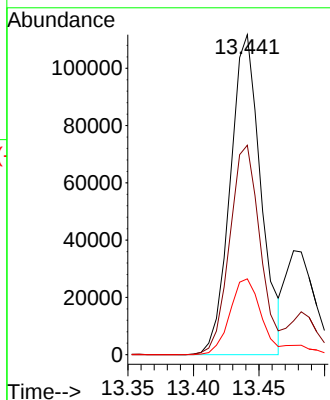
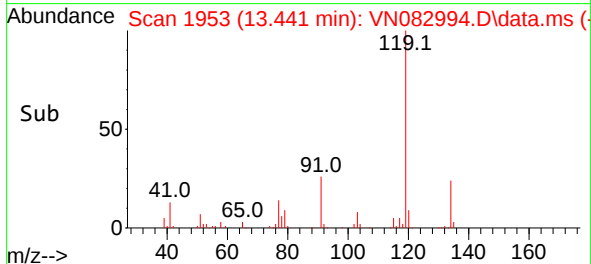
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



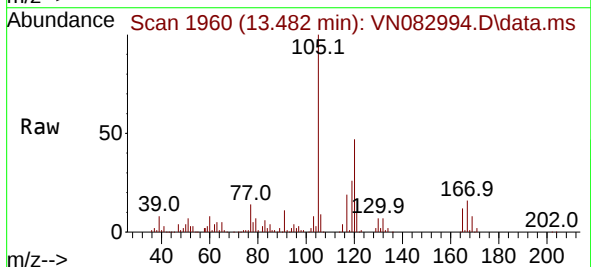
Tgt Ion:119 Resp: 18206
Ion Ratio Lower Upper
119 100
91 64.9 35.0 105.1
134 26.6 13.3 39.8

Manual Integrations
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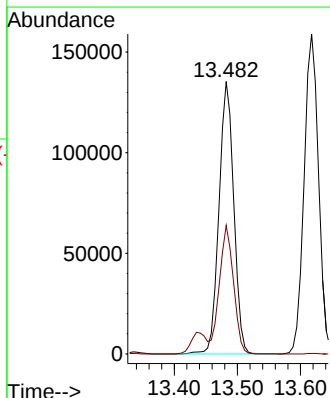
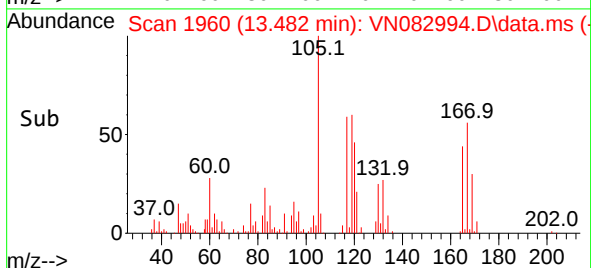
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024

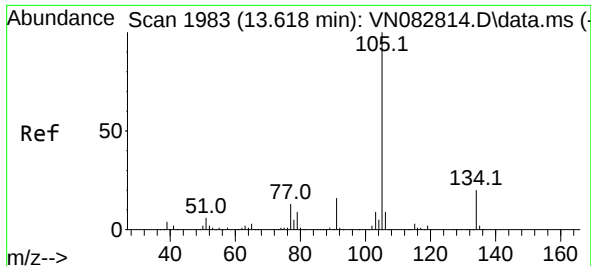


#84
1,2,4-Trimethylbenzene
Concen: 52.318 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23



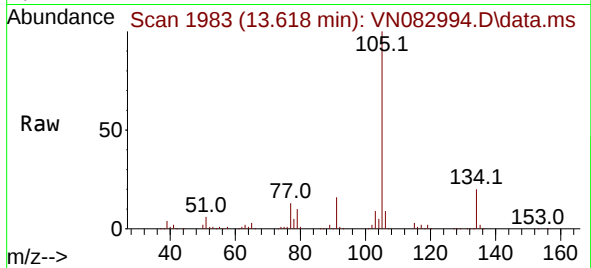
Tgt Ion:105 Resp: 219523
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 50.995 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VN082994.D
 Acq: 19 Jul 2024 17:23

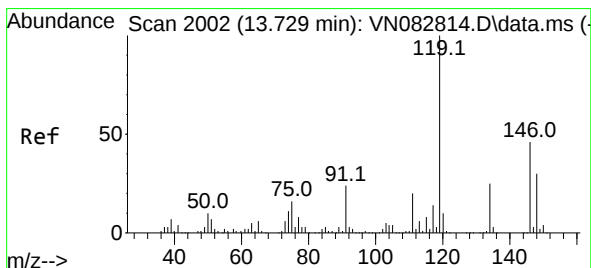
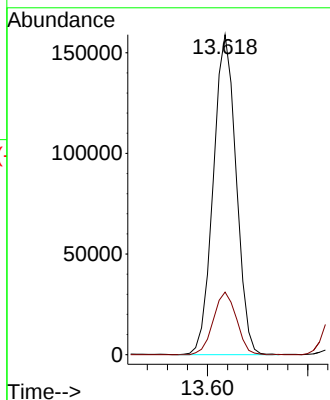
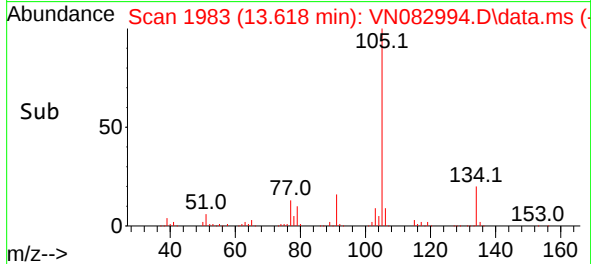
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



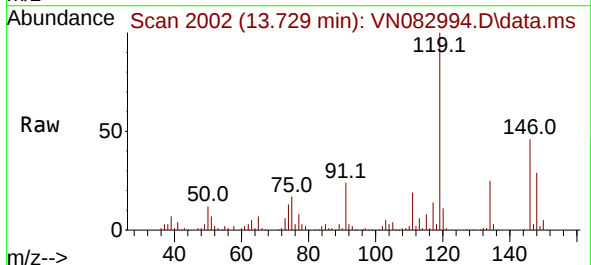
Tgt Ion:105 Resp: 251509
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
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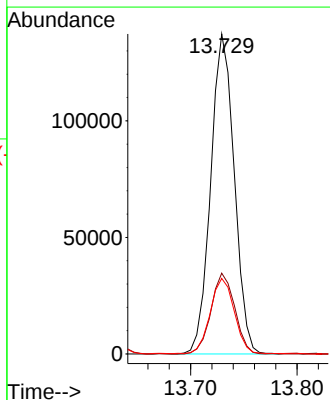
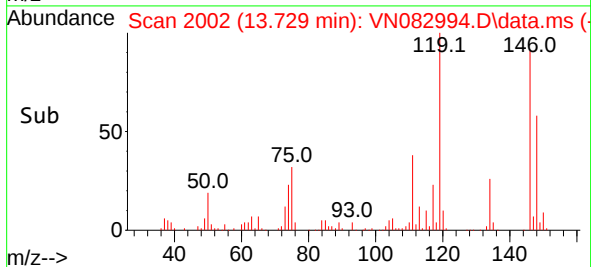
Reviewed By :John Carlone 07/22/2024
 Supervised By :Mahesh Dadoda 07/22/2024

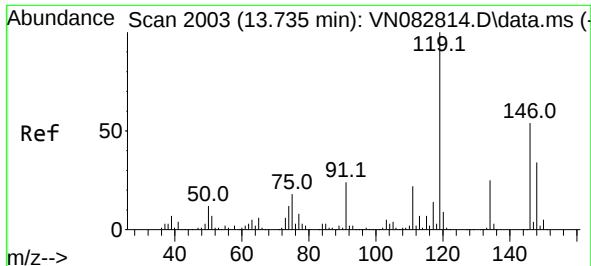


#86
 p-Isopropyltoluene
 Concen: 51.270 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082994.D
 Acq: 19 Jul 2024 17:23



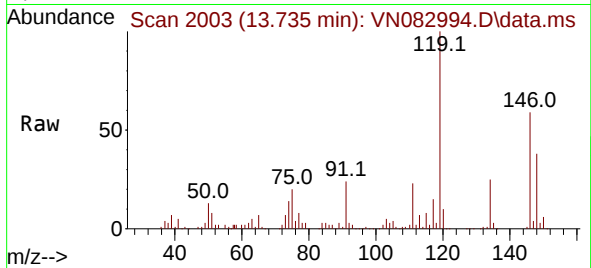
Tgt Ion:119 Resp: 210972
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 24.0 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 49.558 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082994.D
 Acq: 19 Jul 2024 17:23

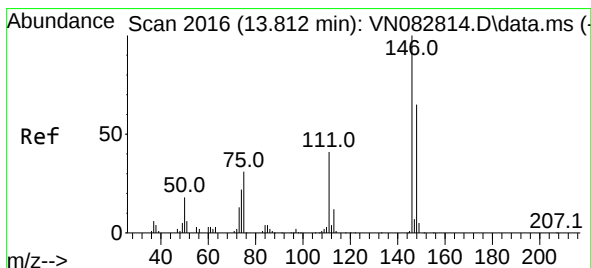
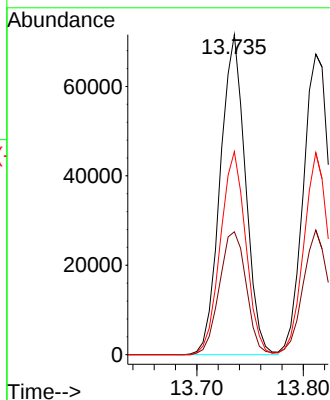
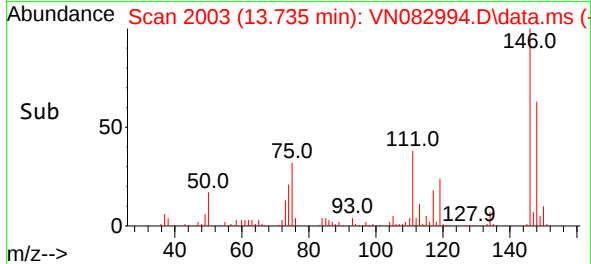
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



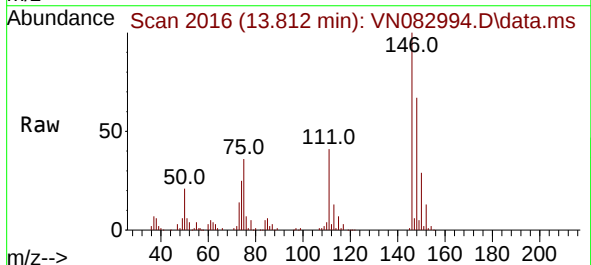
Tgt Ion:146 Resp: 11762
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.9
 148 63.9 31.8 95.3

Manual Integrations
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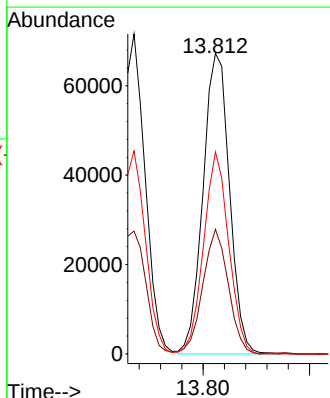
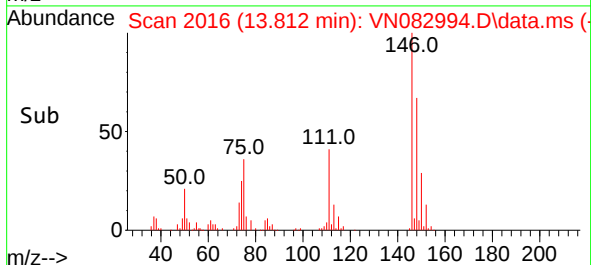
Reviewed By :John Carlone 07/22/2024
 Supervised By :Mahesh Dadoda 07/22/2024

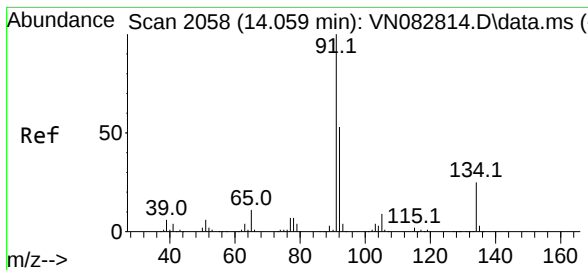


#88
 1,4-Dichlorobenzene
 Concen: 47.385 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.001 min
 Lab File: VN082994.D
 Acq: 19 Jul 2024 17:23



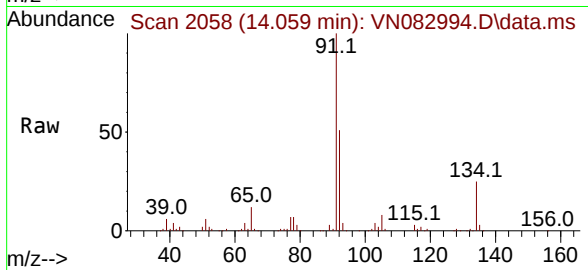
Tgt Ion:146 Resp: 116313
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.1 60.3
 148 63.8 32.2 96.6





#89
n-Butylbenzene
Concen: 49.914 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

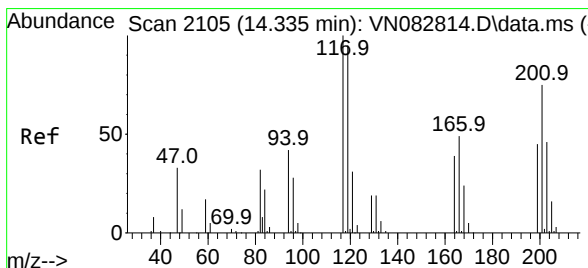
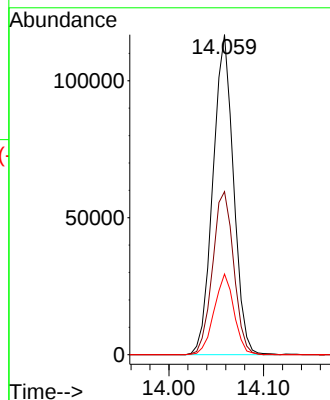
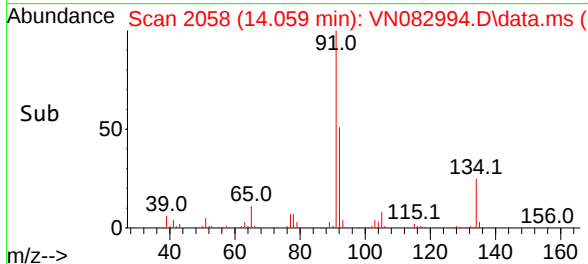
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 175962
Ion Ratio Lower Upper
91 100
92 52.4 26.1 78.3
134 24.5 12.1 36.3

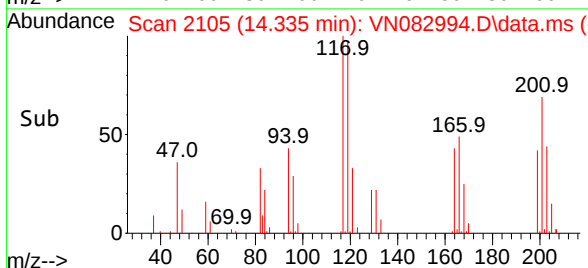
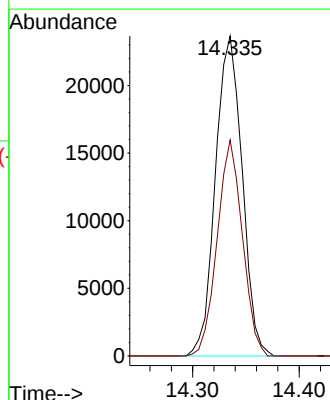
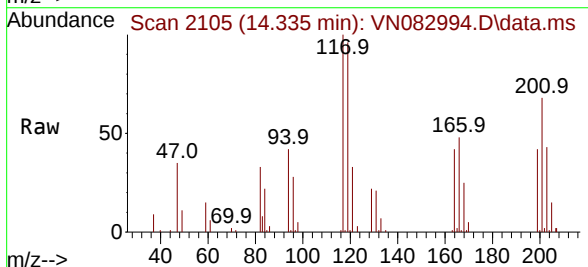
Manual Integrations
APPROVED

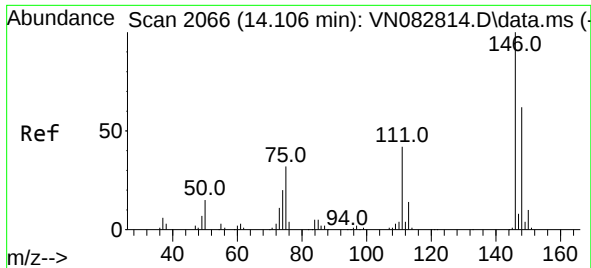
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#90
Hexachloroethane
Concen: 47.342 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

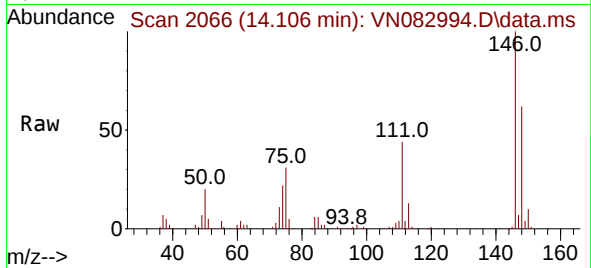
Tgt Ion:117 Resp: 41220
Ion Ratio Lower Upper
117 100
201 63.7 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 50.336 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

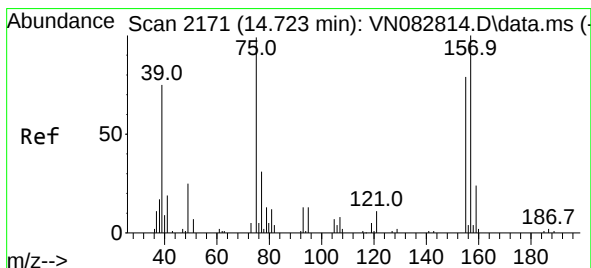
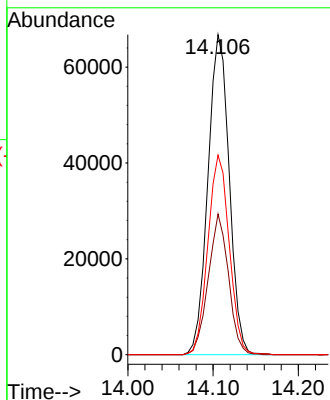
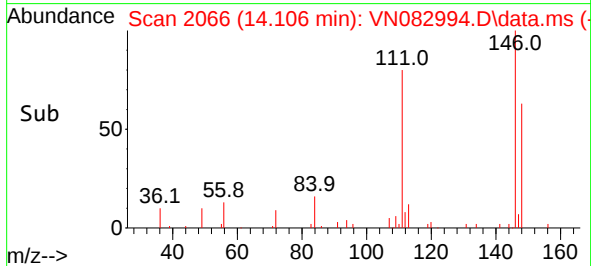
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



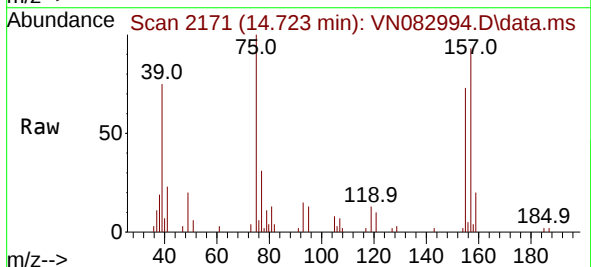
Tgt Ion:146 Resp: 116002
Ion Ratio Lower Upper
146 100
111 41.9 21.4 64.2
148 62.5 32.1 96.5

Manual Integrations
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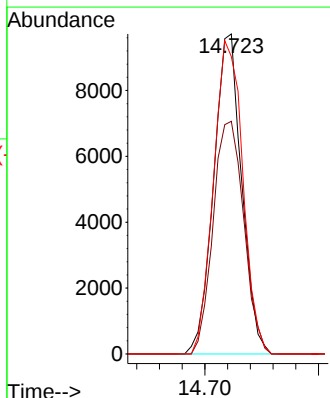
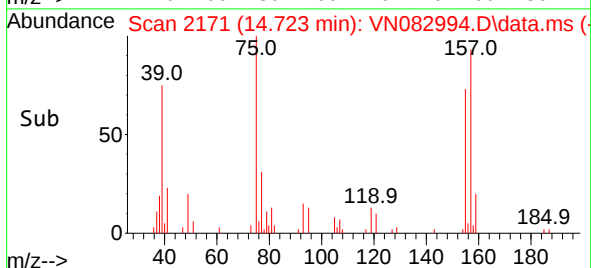
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024

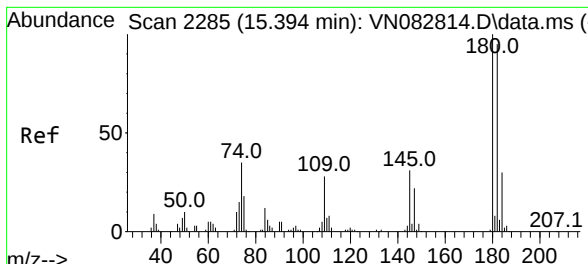


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.090 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23



Tgt Ion: 75 Resp: 16617
Ion Ratio Lower Upper
75 100
155 79.5 36.6 109.8
157 102.2 46.9 140.6





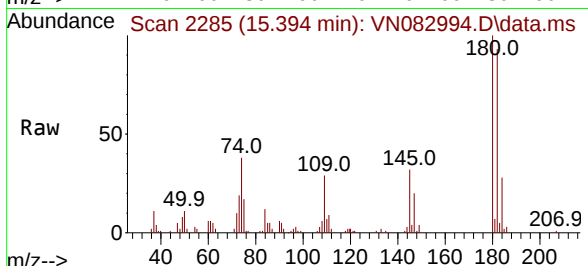
#93
1,2,4-Trichlorobenzene
Concen: 45.014 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



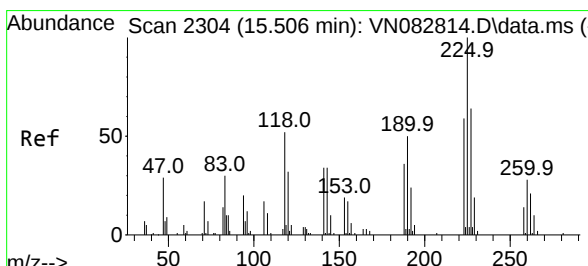
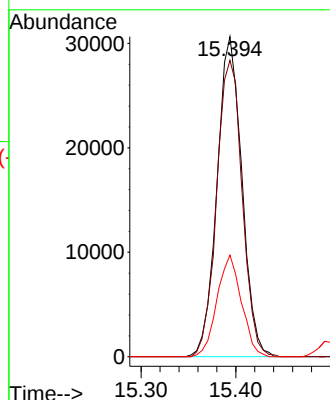
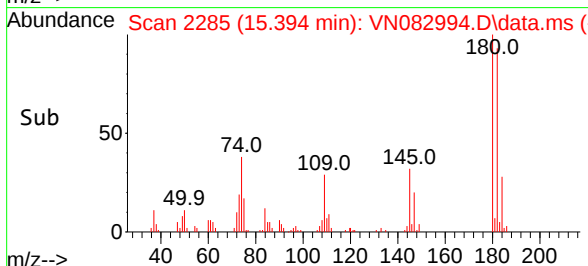
Tgt Ion:180 Resp: 55878
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.8
145 31.1 15.7 47.1

Manual Integrations

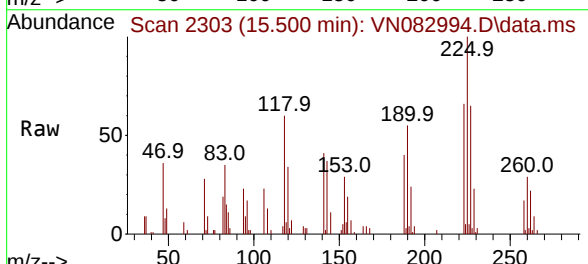
APPROVED

Reviewed By :John Carlone 07/22/2024

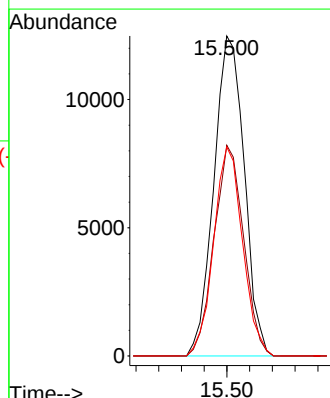
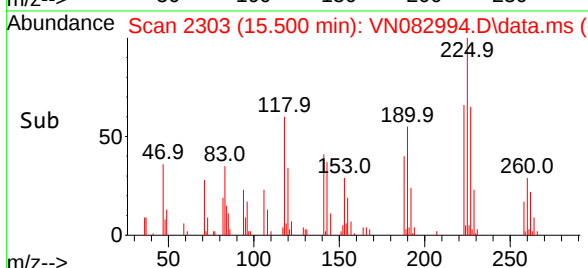
Supervised By :Mahesh Dadoda 07/22/2024

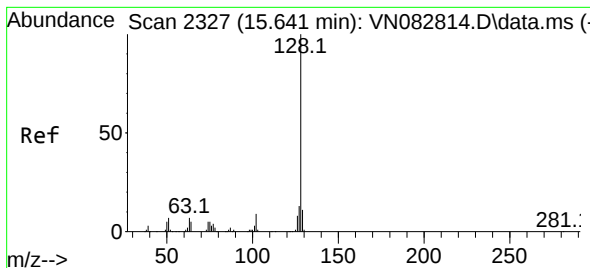


#94
Hexachlorobutadiene
Concen: 42.128 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23



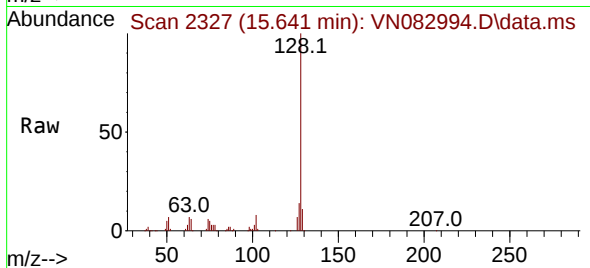
Tgt Ion:225 Resp: 23183
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.7
227 62.2 32.5 97.5





#95
Naphthalene
Concen: 47.254 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23

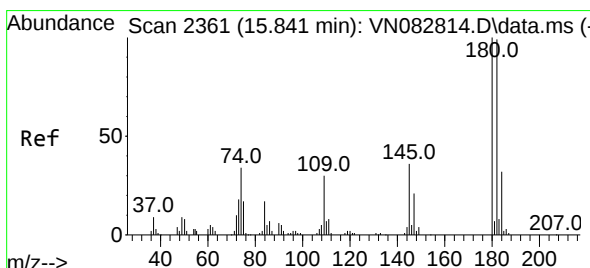
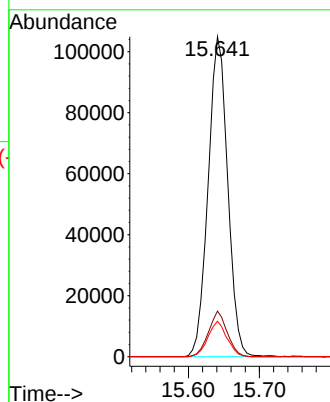
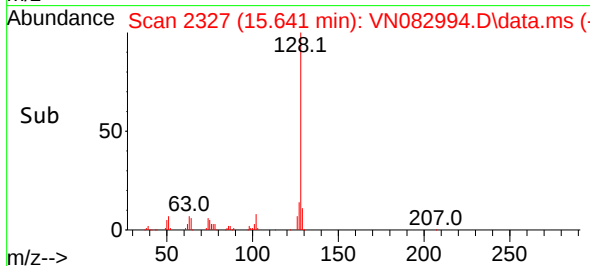
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



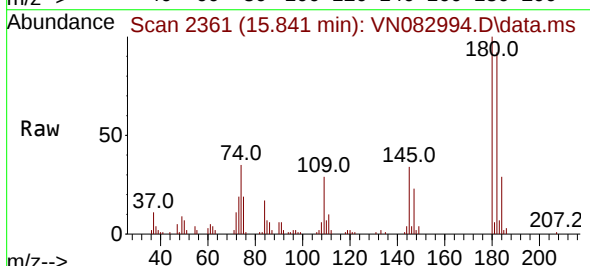
Tgt Ion:128 Resp: 200907
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/22/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.456 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082994.D
Acq: 19 Jul 2024 17:23



Tgt Ion:180 Resp: 58017
Ion Ratio Lower Upper
180 100
182 93.9 48.9 146.8
145 32.6 16.8 50.4

