

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082813.D
 Acq On : 08 Jul 2024 10:45
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 08 13:21:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:14:54 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/08/2024
 Supervised By : Mahesh Dadoda 07/09/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	170046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	252876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	231552	97.140	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 194.280%#			
35) Dibromofluoromethane	8.165	113	182218	102.601	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 205.200%#			
50) Toluene-d8	10.571	98	692251	105.533	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 211.060%#			
62) 4-Bromofluorobenzene	12.853	95	254553	108.032	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 216.060%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	224175	101.828	ug/l	98
3) Chloromethane	2.359	50	193464	92.664	ug/l	97
4) Vinyl Chloride	2.512	62	211587	96.496	ug/l	98
5) Bromomethane	2.924	94	136772	86.512	ug/l	95
6) Chloroethane	3.101	64	140836	93.859	ug/l	99
7) Trichlorofluoromethane	3.489	101	302865	96.034	ug/l	98
8) Diethyl Ether	3.959	74	108523	100.546	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.365	101	181961	101.943	ug/l	98
10) Methyl Iodide	4.589	142	214305	117.107	ug/l	97
11) Tert butyl alcohol	5.524	59	181010	451.482	ug/l	99
12) 1,1-Dichloroethene	4.336	96	169392	97.582	ug/l	91
13) Acrolein	4.177	56	137594	475.353	ug/l	99
14) Allyl chloride	5.018	41	276706	102.234	ug/l	91
15) Acrylonitrile	5.718	53	425604	461.916	ug/l	99
16) Acetone	4.424	43	374671	446.442	ug/l	96
17) Carbon Disulfide	4.712	76	479944	92.526	ug/l	100
18) Methyl Acetate	5.024	43	197765	89.055	ug/l #	89
19) Methyl tert-butyl Ether	5.795	73	575792	96.158	ug/l	98
20) Methylene Chloride	5.277	84	184241	90.903	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	176920	94.061	ug/l	90
22) Diisopropyl ether	6.671	45	550894	97.289	ug/l #	94
23) Vinyl Acetate	6.600	43	2236112	497.274	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	330368	96.185	ug/l	99
25) 2-Butanone	7.483	43	584964	461.617	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	319484	100.042	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	213265	96.849	ug/l	90
28) Bromochloromethane	7.812	49	127358	86.434	ug/l #	79
29) Tetrahydrofuran	7.841	42	371683	465.900	ug/l #	84
30) Chloroform	7.965	83	344230	94.470	ug/l	99
31) Cyclohexane	8.253	56	285847	91.724	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	327909	96.926	ug/l	96
36) 1,1-Dichloropropene	8.371	75	251097	102.546	ug/l	98
37) Ethyl Acetate	7.559	43	232750	93.364	ug/l #	92
38) Carbon Tetrachloride	8.365	117	297355	100.859	ug/l	97
39) Methylcyclohexane	9.600	83	287011	108.512	ug/l	92
40) Benzene	8.606	78	746736	99.141	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	130837	97.418	ug/l	92
42) 1,2-Dichloroethane	8.671	62	268937	99.182	ug/l	97
43) Isopropyl Acetate	8.688	43	456602	100.046	ug/l #	95
44) Trichloroethene	9.353	130	190789	98.870	ug/l	99
45) 1,2-Dichloropropane	9.624	63	178056	101.257	ug/l	97
46) Dibromomethane	9.712	93	137322	100.240	ug/l	96
47) Bromodichloromethane	9.888	83	283175	100.041	ug/l	100
48) Methyl methacrylate	9.683	41	194887	99.700	ug/l #	87
49) 1,4-Dioxane	9.700	88	83025	1991.628	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	1218194	492.908	ug/l	92
52) Toluene	10.630	92	486911	103.486	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	307694	105.519	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	318526	103.198	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	175030	101.165	ug/l	97
56) Ethyl methacrylate	10.877	69	298342	110.836	ug/l	86
57) 1,3-Dichloropropane	11.165	76	304772	99.515	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	774051	560.414	ug/l	94
59) 2-Hexanone	11.200	43	943309	513.372	ug/l	91
60) Dibromochloromethane	11.365	129	226293	102.691	ug/l	98
61) 1,2-Dibromoethane	11.471	107	185817	101.133	ug/l	97
64) Tetrachloroethene	11.106	164	186469	98.837	ug/l	97
65) Chlorobenzene	11.894	112	531983	98.175	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	190259	98.711	ug/l	100
67) Ethyl Benzene	11.965	91	948093	104.103	ug/l	97
68) m/p-Xylenes	12.071	106	740222	215.285	ug/l	96
69) o-Xylene	12.400	106	351703	106.753	ug/l	96
70) Styrene	12.412	104	607659	111.629	ug/l	99
71) Bromoform	12.582	173	161030	106.234	ug/l #	99
73) Isopropylbenzene	12.694	105	911755	101.275	ug/l	99
74) N-amyl acetate	12.494	43	378542	101.653	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	240715	89.278	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	198609m	81.041	ug/l	
77) Bromobenzene	12.982	156	222012	95.590	ug/l	93
78) n-propylbenzene	13.035	91	1059303	102.337	ug/l	98
79) 2-Chlorotoluene	13.129	91	641186	97.219	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	756363	103.937	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	105277	96.932	ug/l	91
82) 4-Chlorotoluene	13.223	91	646816	99.083	ug/l	97
83) tert-Butylbenzene	13.441	119	647370	100.344	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	770478	103.879	ug/l	99
85) sec-Butylbenzene	13.618	105	904225	103.717	ug/l	98
86) p-Isopropyltoluene	13.729	119	776569	106.762	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	412668	98.356	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	404769	96.136	ug/l	100
89) n-Butylbenzene	14.059	91	666661	106.980	ug/l	98
90) Hexachloroethane	14.335	117	149483	97.123	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	382528	93.902	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56255	90.185	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	225354	102.700	ug/l	99
94) Hexachlorobutadiene	15.506	225	92807	95.406	ug/l	98
95) Naphthalene	15.641	128	758751	100.957	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	222840	98.769	ug/l	98

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MSVOA_N
ClientSampleId :
VSTDICC100

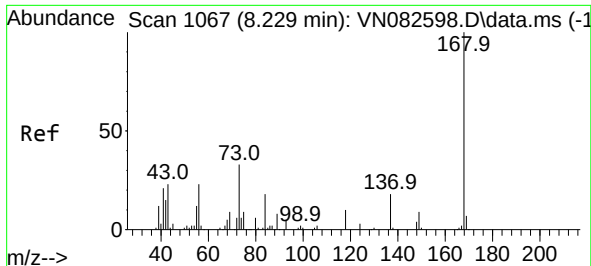
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/09/2024

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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:14:54 2024
Response via : Initial Calibration

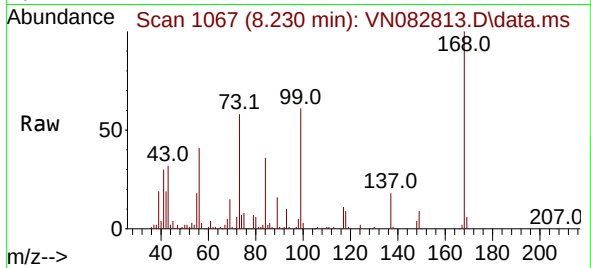
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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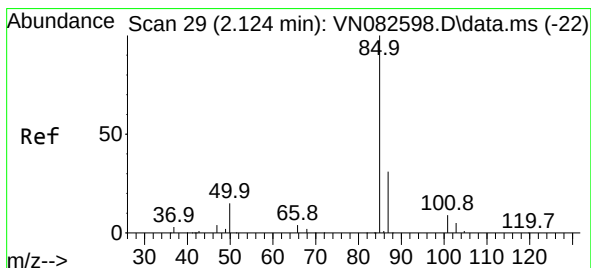
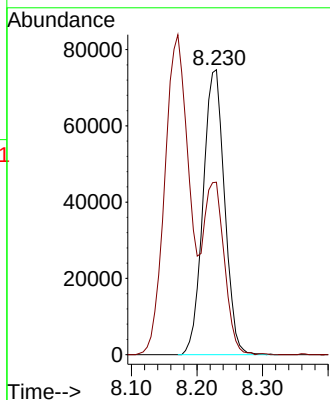
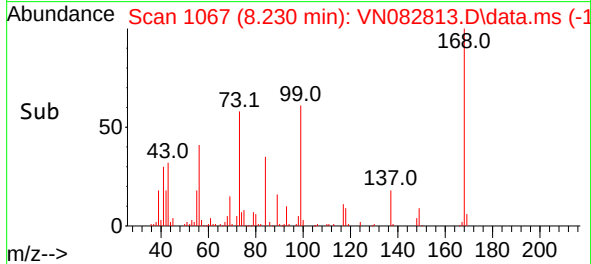
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 170040
Ion Ratio Lower Upper
168 100
99 60.5 48.2 72.4

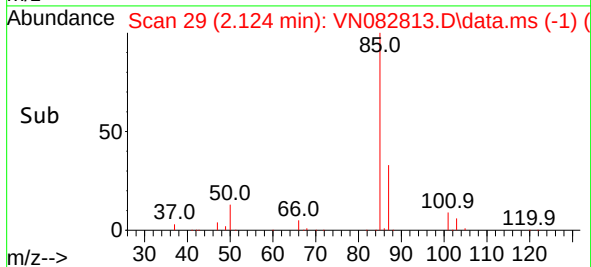
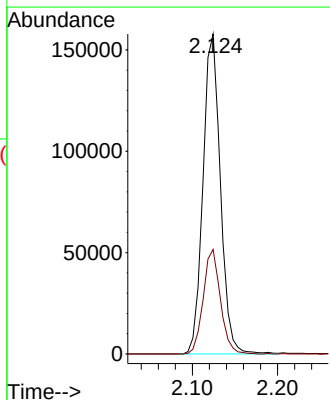
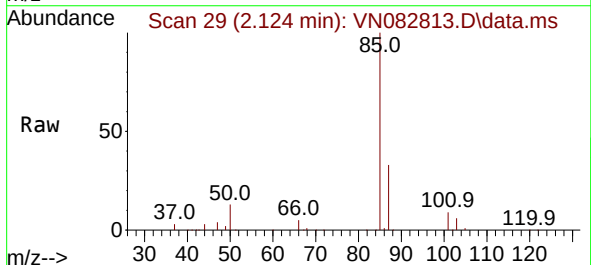
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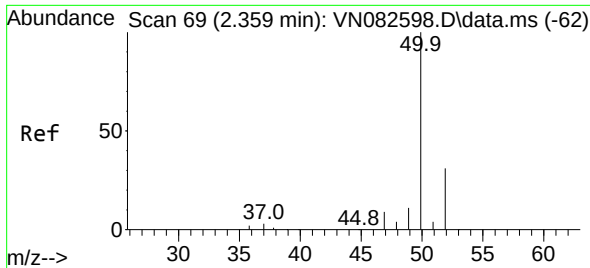
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#2
Dichlorodifluoromethane
Concen: 101.828 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion: 85 Resp: 224175
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.0





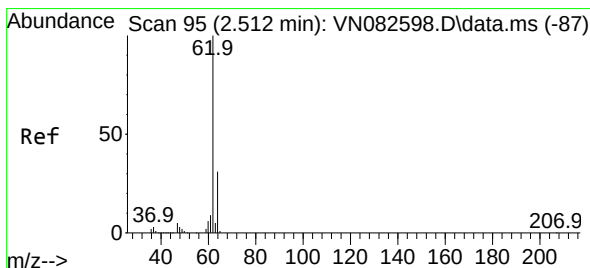
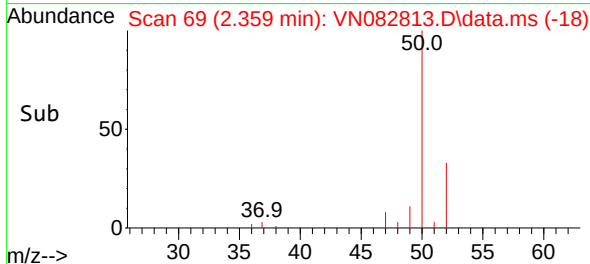
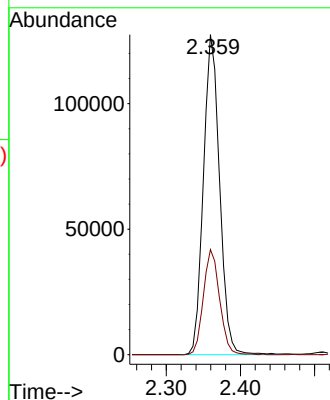
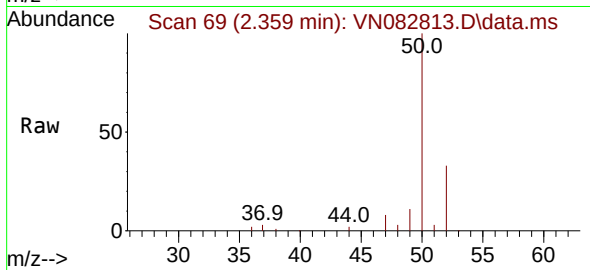
#3
Chloromethane
Concen: 92.664 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 193464
Ion Ratio Lower Upper
50 100
52 32.9 25.0 37.4

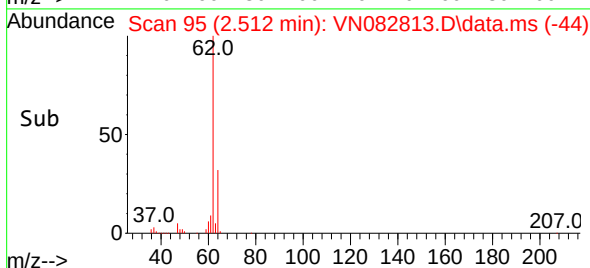
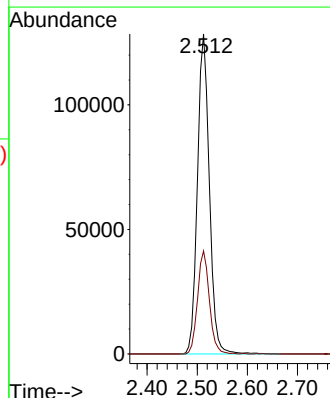
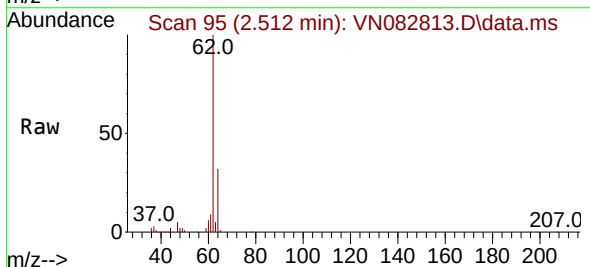
Manual Integrations
APPROVED

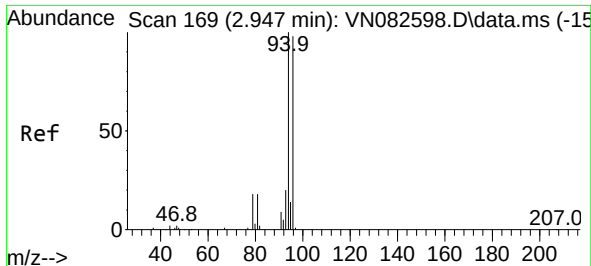
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#4
Vinyl Chloride
Concen: 96.496 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

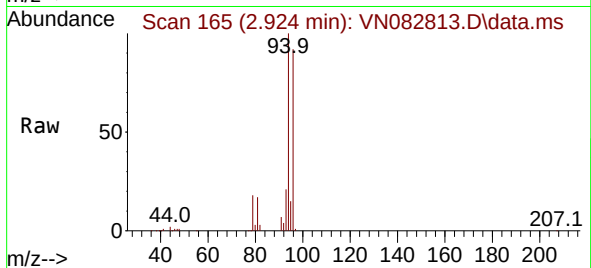
Tgt Ion: 62 Resp: 211587
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6





#5
Bromomethane
Concen: 86.512 ug/l
RT: 2.924 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

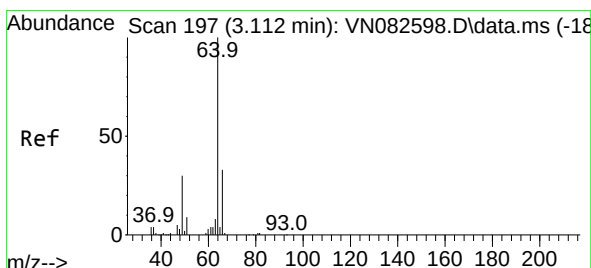
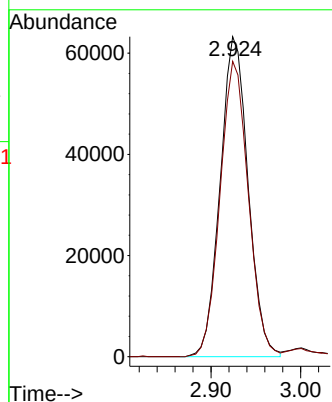
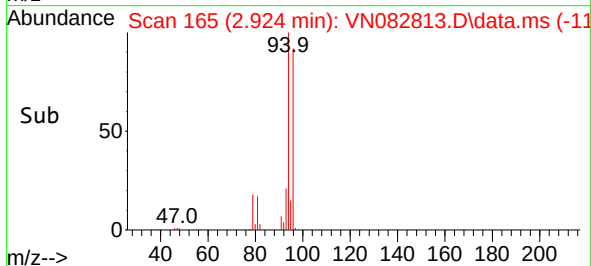
Instrument :
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Tgt Ion: 94 Resp: 136772
Ion Ratio Lower Upper
94 100
96 92.3 78.0 117.0

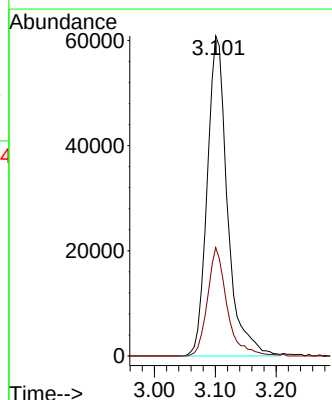
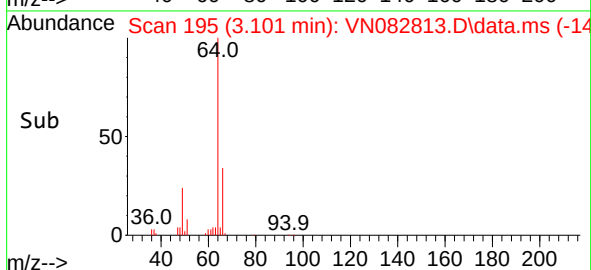
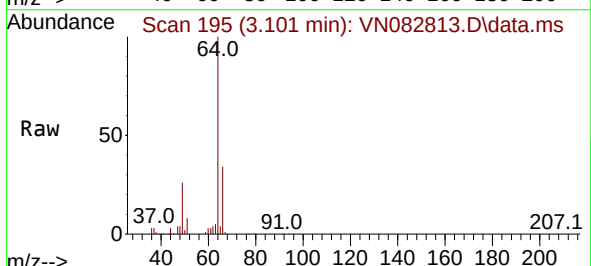
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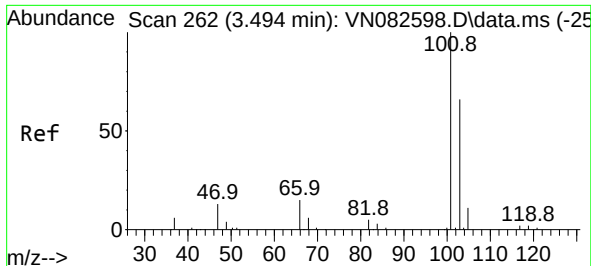
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#6
Chloroethane
Concen: 93.859 ug/l
RT: 3.101 min Scan# 195
Delta R.T. -0.011 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

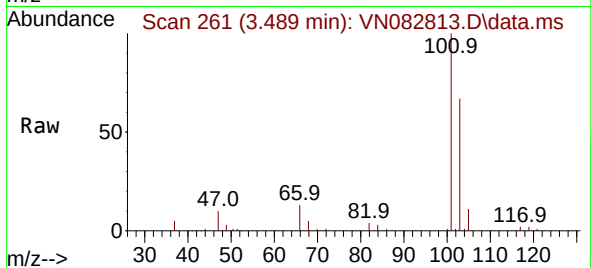
Tgt Ion: 64 Resp: 140836
Ion Ratio Lower Upper
64 100
66 33.9 26.6 40.0





#7
Trichlorofluoromethane
Concen: 96.034 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.005 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

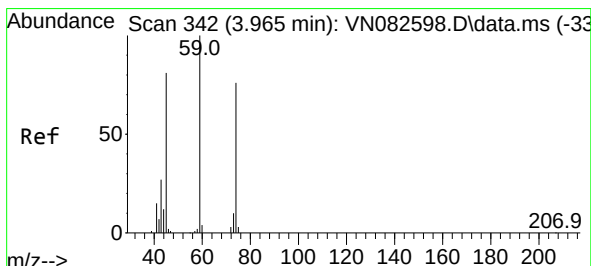
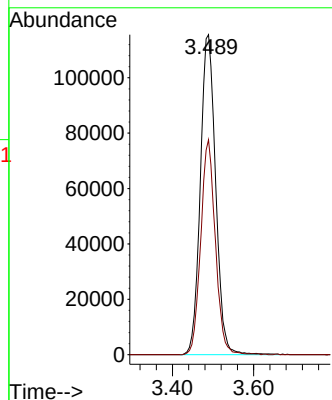
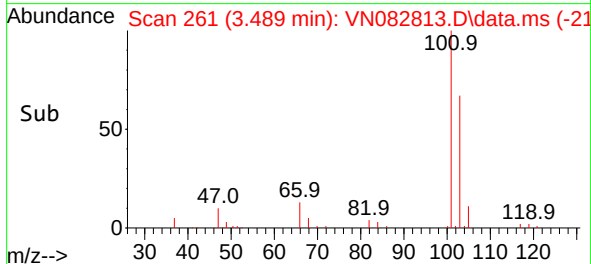
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 30286
Ion Ratio Lower Upper
101 100
103 67.1 52.7 79.1

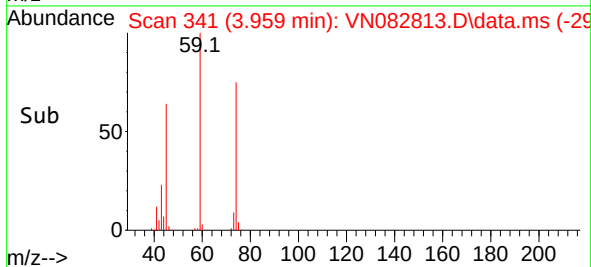
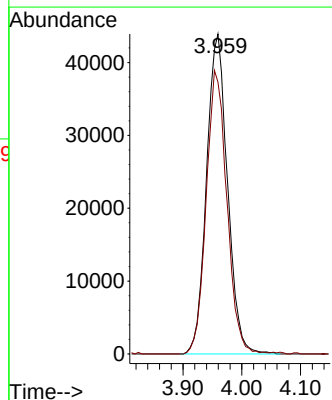
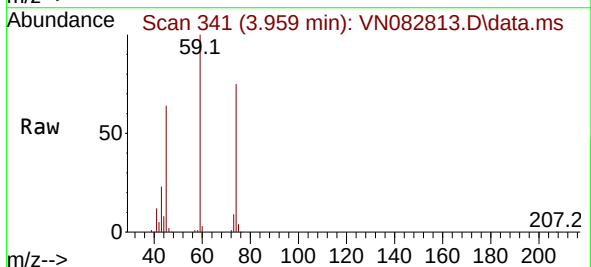
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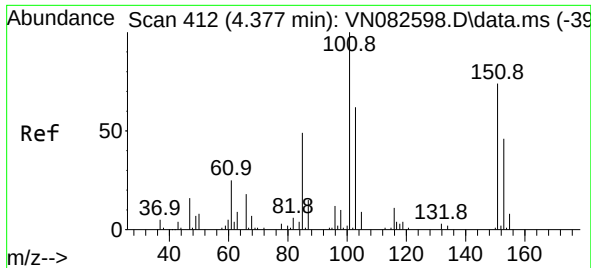
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#8
Diethyl Ether
Concen: 100.546 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082813.D
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Tgt Ion: 74 Resp: 108523
Ion Ratio Lower Upper
74 100
45 87.6 55.5 166.3





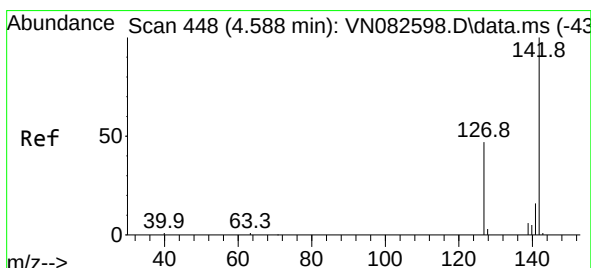
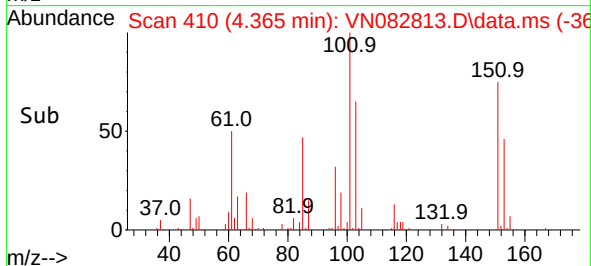
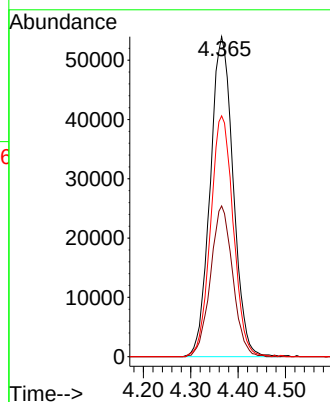
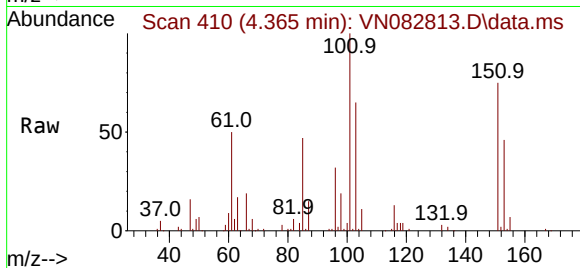
#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.943 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 18196
Ion Ratio Lower Upper
101 100
85 45.5 38.3 57.5
151 74.3 59.3 88.9

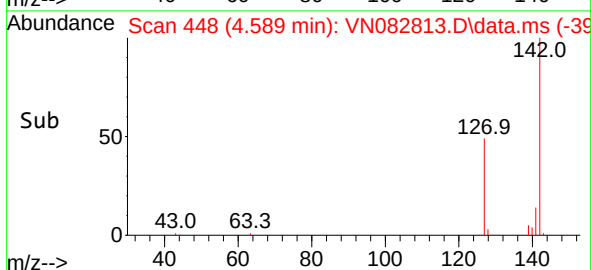
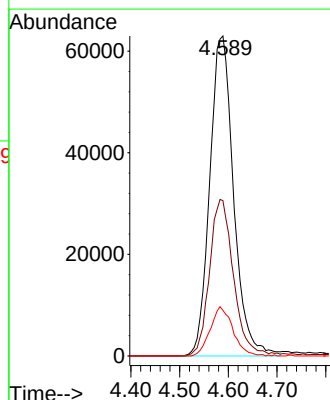
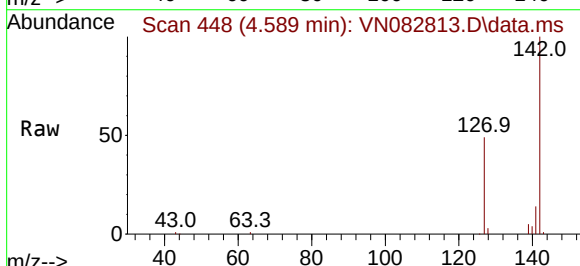
Manual Integrations
APPROVED

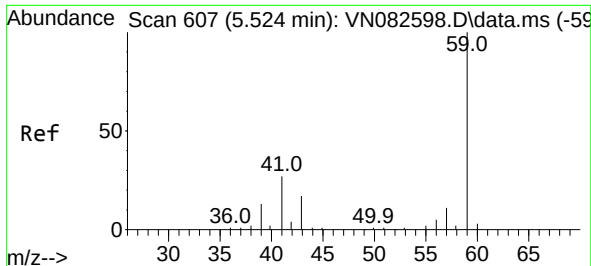
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#10
Methyl Iodide
Concen: 117.107 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

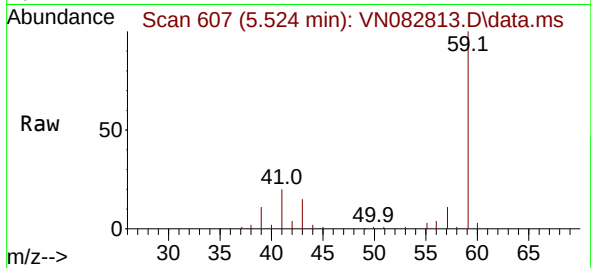
Tgt Ion:142 Resp: 214305
Ion Ratio Lower Upper
142 100
127 48.6 37.5 56.3
141 14.3 13.1 19.7





#11
Tert butyl alcohol
Concen: 451.482 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

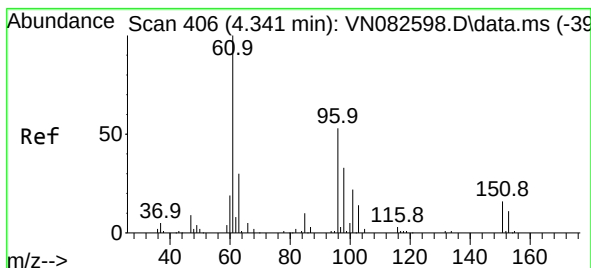
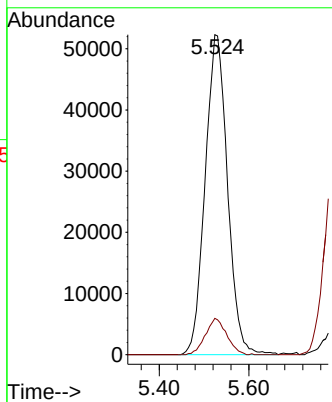
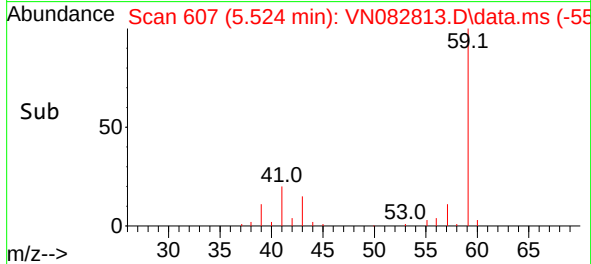
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC100



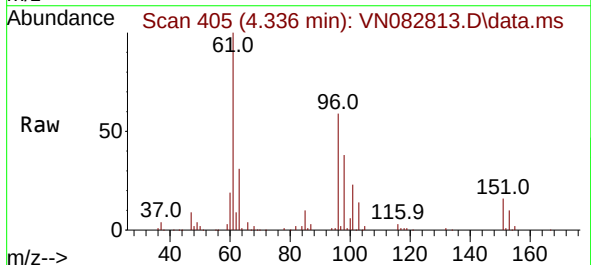
Tgt Ion: 59 Resp: 181010
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3

Manual Integrations
APPROVED

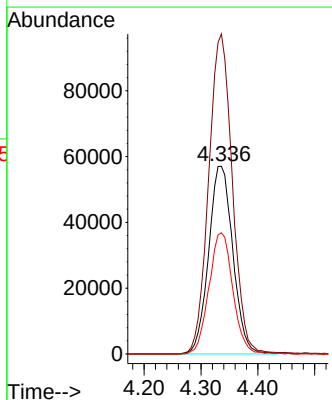
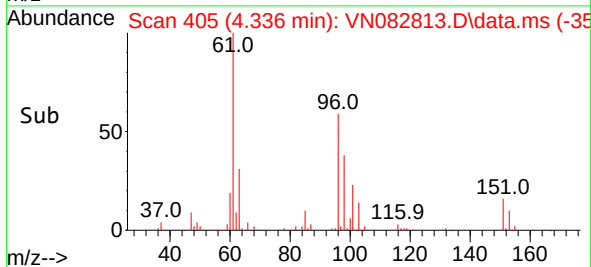
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

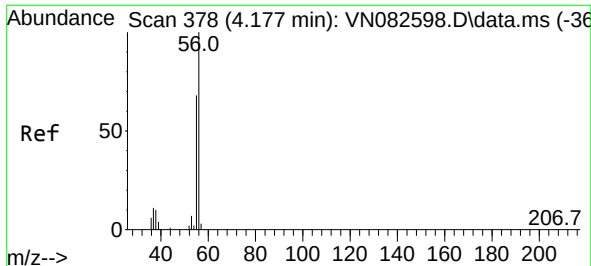


#12
1,1-Dichloroethene
Concen: 97.582 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45



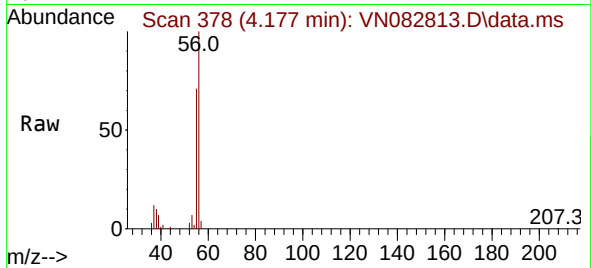
Tgt Ion: 96 Resp: 169392
Ion Ratio Lower Upper
96 100
61 170.6 149.7 224.5
98 64.6 50.1 75.1





#13
Acrolein
Concen: 475.353 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

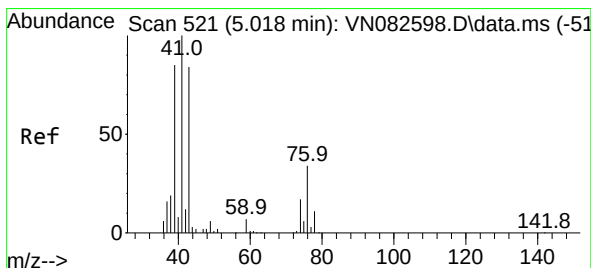
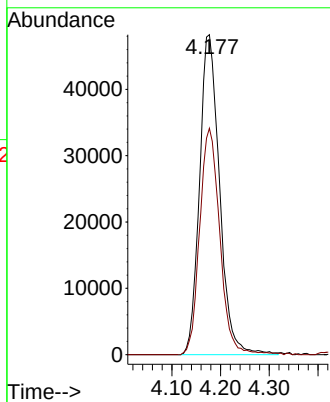
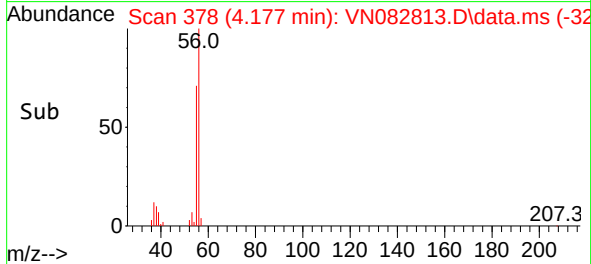
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 137594
Ion Ratio Lower Upper
56 100
55 71.1 56.4 84.6

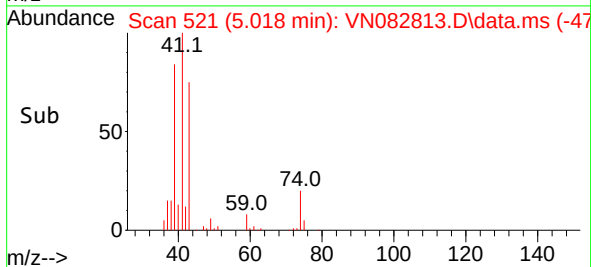
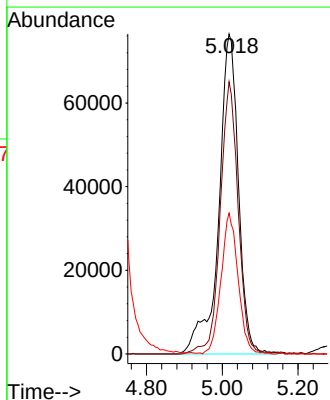
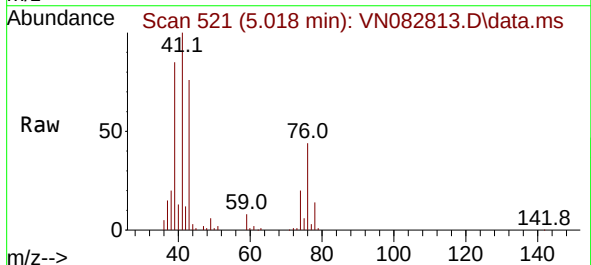
Manual Integrations
APPROVED

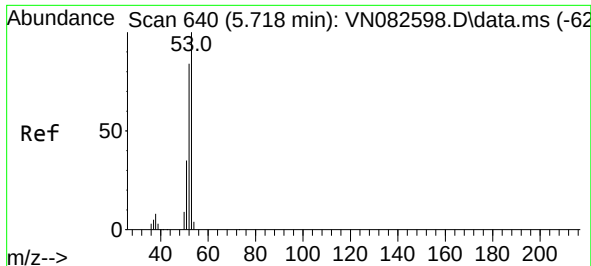
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#14
Allyl chloride
Concen: 102.234 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

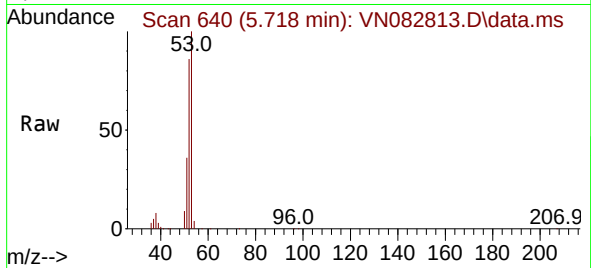
Tgt Ion: 41 Resp: 276706
Ion Ratio Lower Upper
41 100
39 77.3 67.8 101.6
76 38.2 25.8 38.8





#15
Acrylonitrile
Concen: 461.916 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

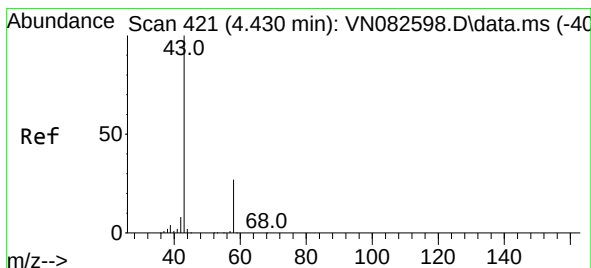
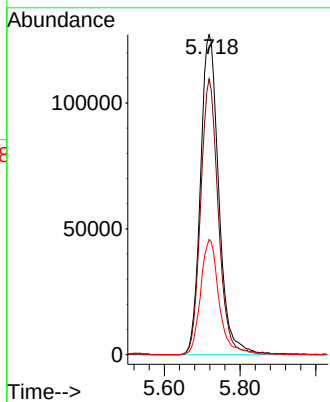
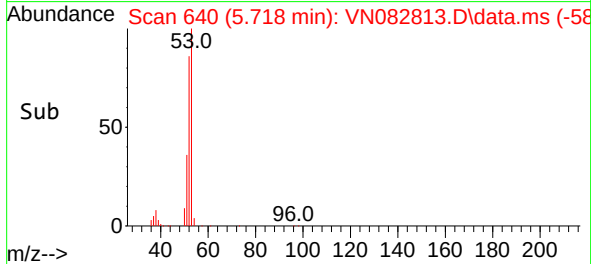
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



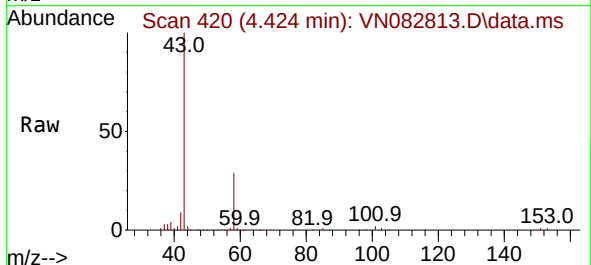
Tgt Ion: 53 Resp: 425604
Ion Ratio Lower Upper
53 100
52 83.4 66.6 100.0
51 36.5 30.1 45.1

Manual Integrations
APPROVED

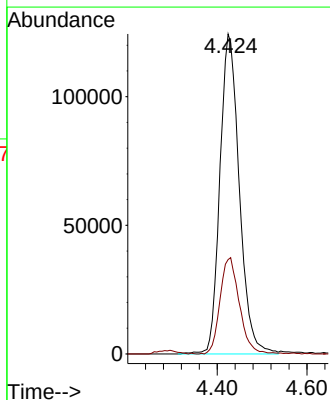
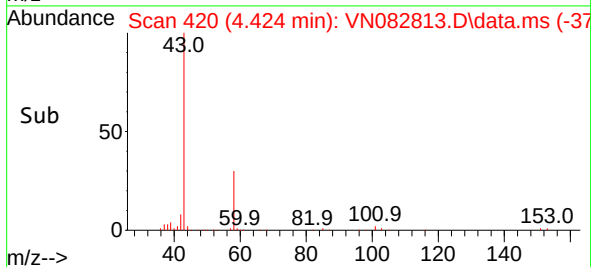
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

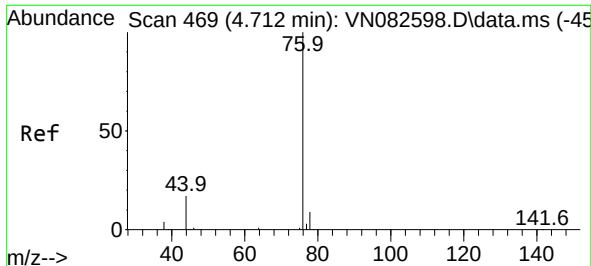


#16
Acetone
Concen: 446.442 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45



Tgt Ion: 43 Resp: 374671
Ion Ratio Lower Upper
43 100
58 29.2 21.8 32.6





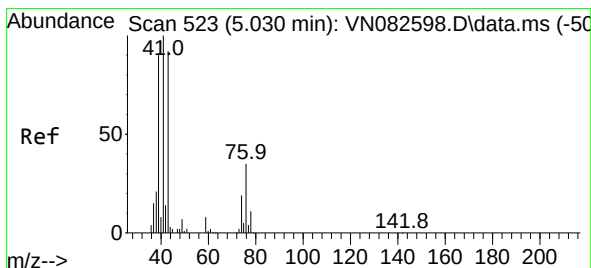
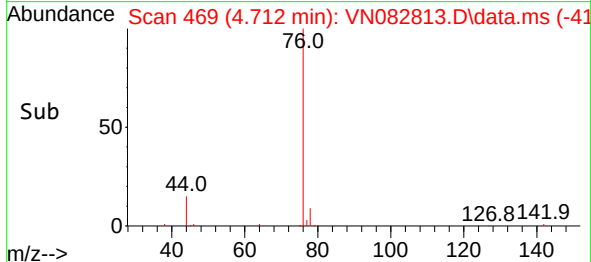
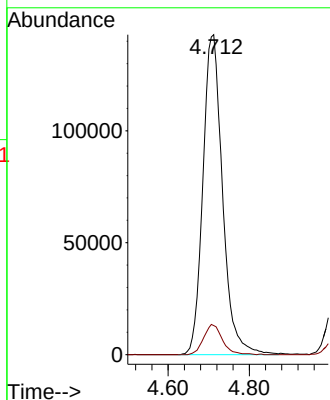
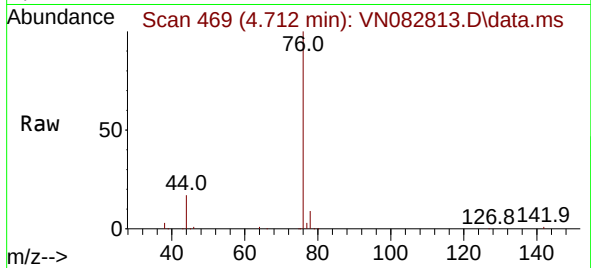
#17
Carbon Disulfide
Concen: 92.526 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 479944
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

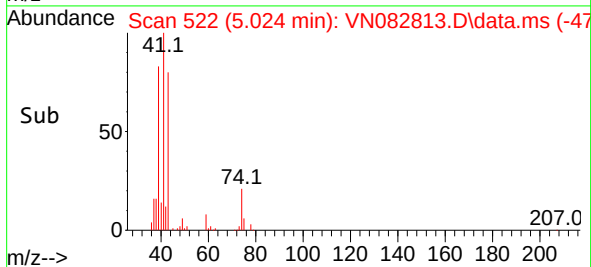
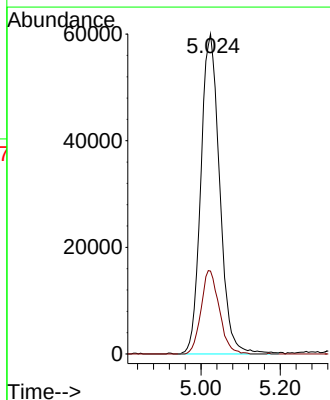
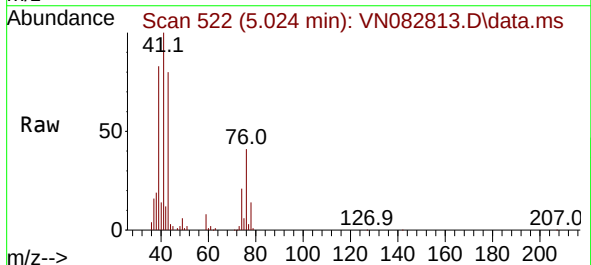
Manual Integrations
APPROVED

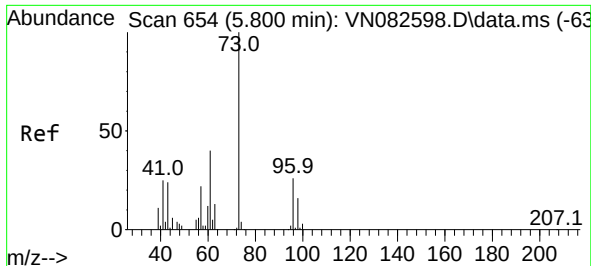
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#18
Methyl Acetate
Concen: 89.055 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion: 43 Resp: 197765
Ion Ratio Lower Upper
43 100
74 25.3 16.3 24.5#





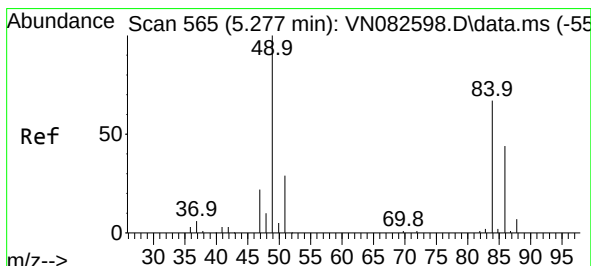
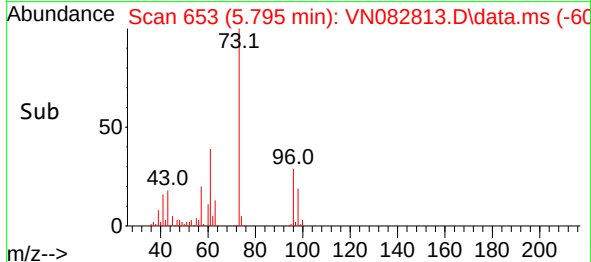
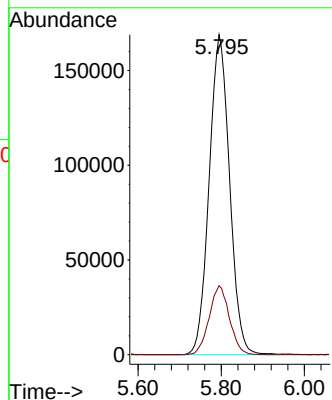
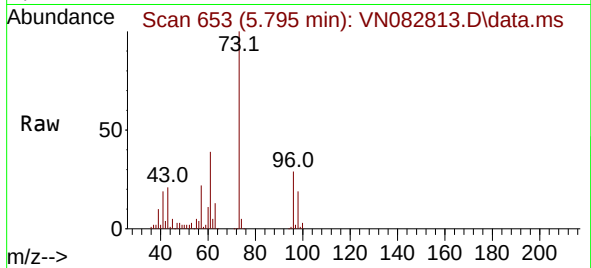
#19
Methyl tert-butyl Ether
Concen: 96.158 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 575792
Ion Ratio Lower Upper
73 100
57 21.6 17.9 26.9

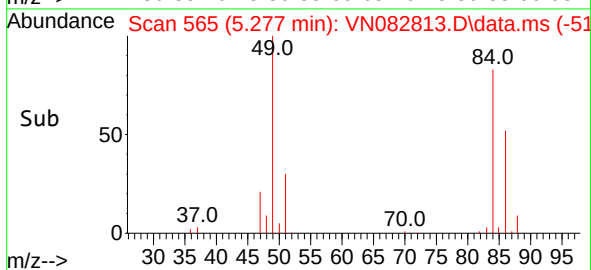
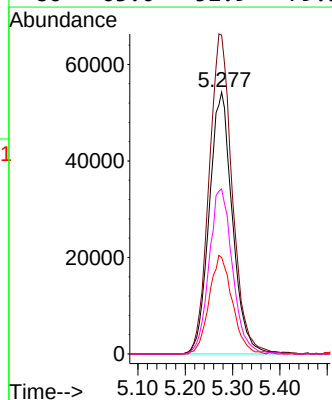
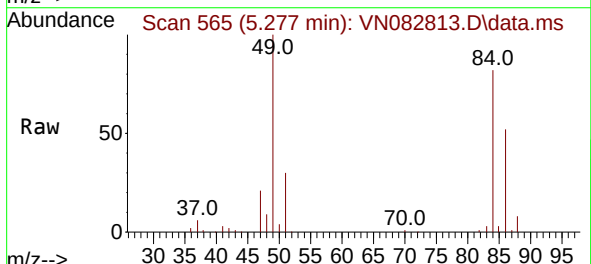
Manual Integrations
APPROVED

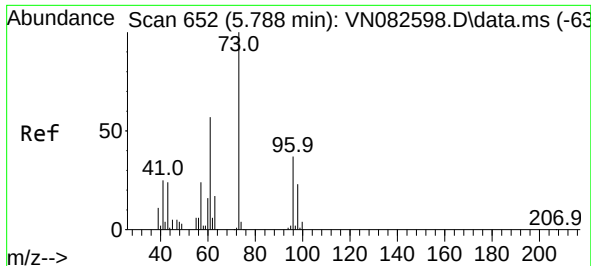
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#20
Methylene Chloride
Concen: 90.903 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion: 84 Resp: 184241
Ion Ratio Lower Upper
84 100
49 121.8 119.6 179.4
51 36.8 34.8 52.2
86 63.0 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 94.061 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

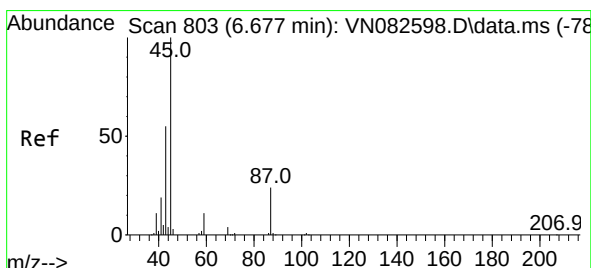
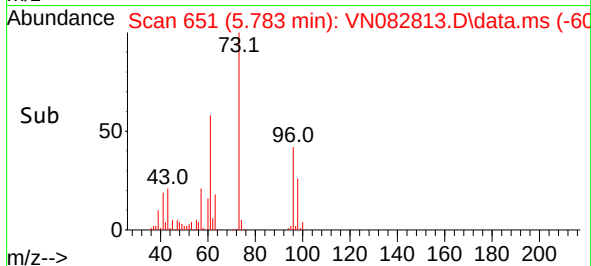
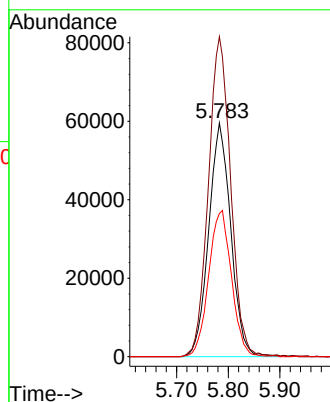
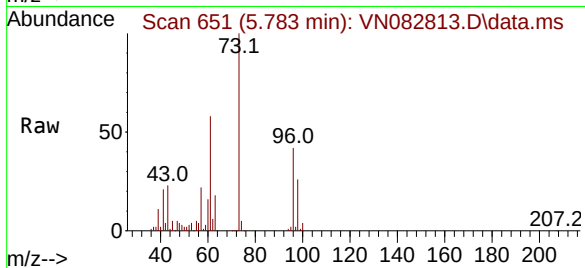
Tgt Ion: 96 Resp: 176920
Ion Ratio Lower Upper
96 100
61 136.9 123.4 185.2
98 61.3 49.3 73.9

Manual Integrations

APPROVED

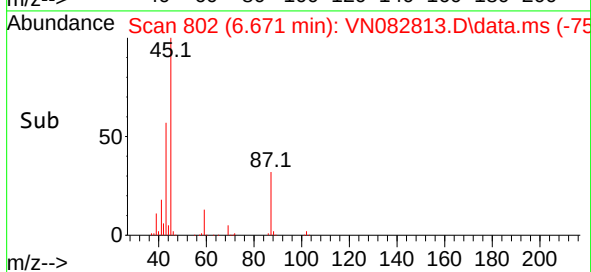
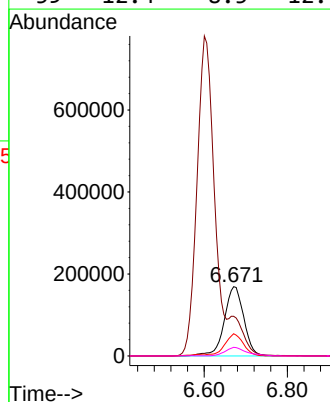
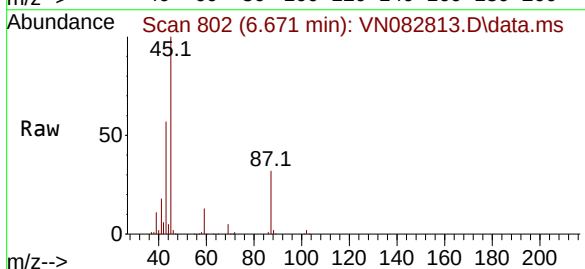
Reviewed By :John Carlone 07/08/2024

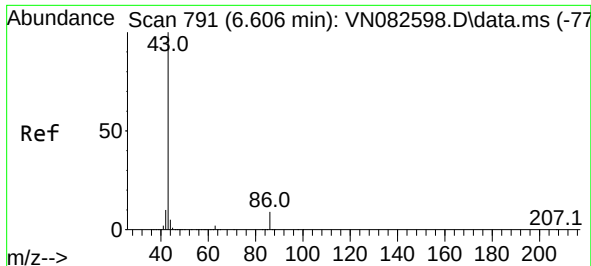
Supervised By :Mahesh Dadoda 07/09/2024



#22
Diisopropyl ether
Concen: 97.289 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

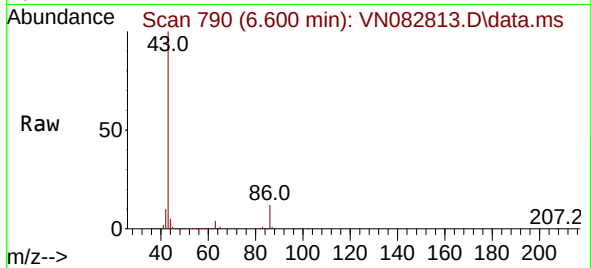
Tgt Ion: 45 Resp: 550894
Ion Ratio Lower Upper
45 100
43 56.7 44.0 66.0
87 31.9 19.7 29.5#
59 12.4 8.5 12.7





#23
 Vinyl Acetate
 Concen: 497.274 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN082813.D
 Acq: 08 Jul 2024 10:45

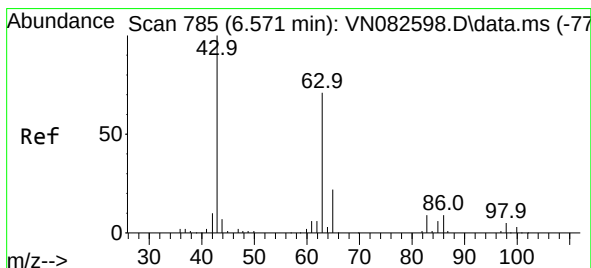
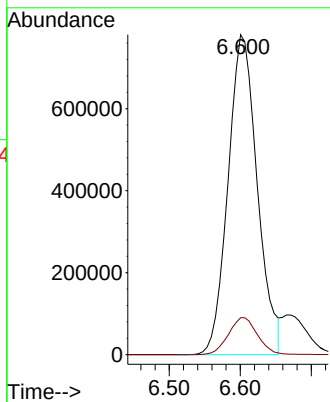
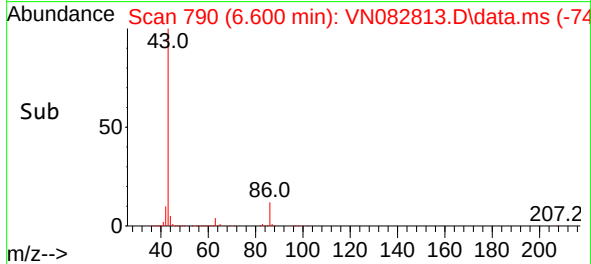
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 43 Resp: 223611
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.3 10.9

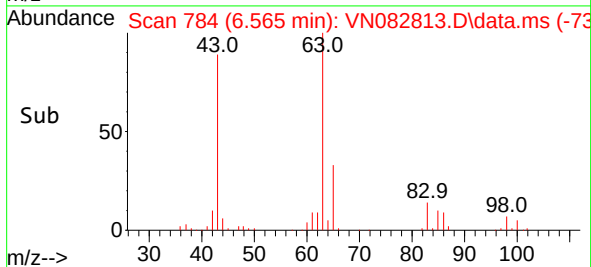
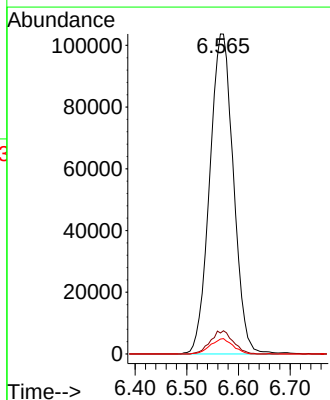
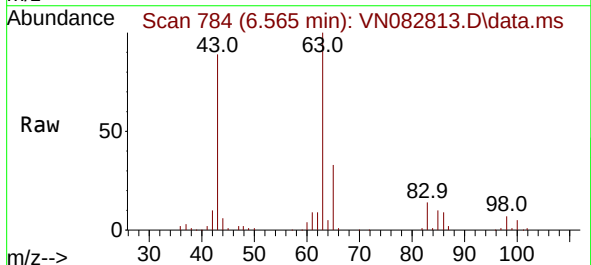
Manual Integrations
 APPROVED

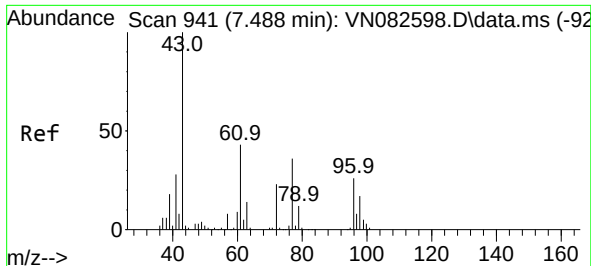
Reviewed By :John Carlone 07/08/2024
 Supervised By :Mahesh Dadoda 07/09/2024



#24
 1,1-Dichloroethane
 Concen: 96.185 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082813.D
 Acq: 08 Jul 2024 10:45

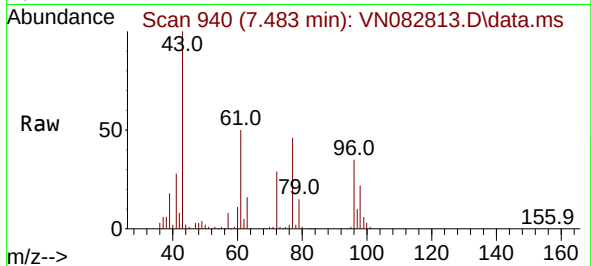
Tgt Ion: 63 Resp: 330368
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.7 2.0 6.0





#25
2-Butanone
Concen: 461.617 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

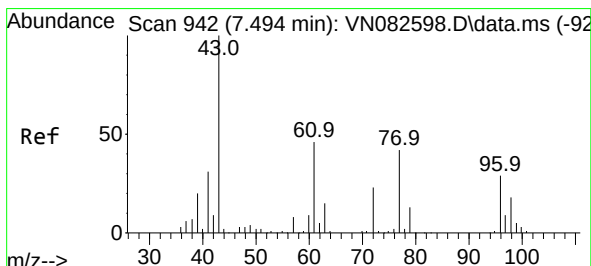
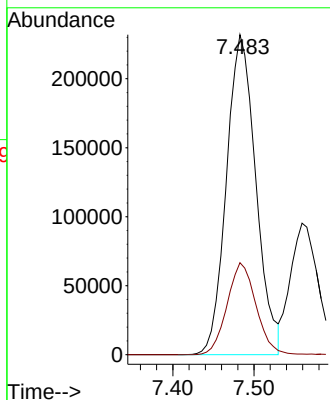
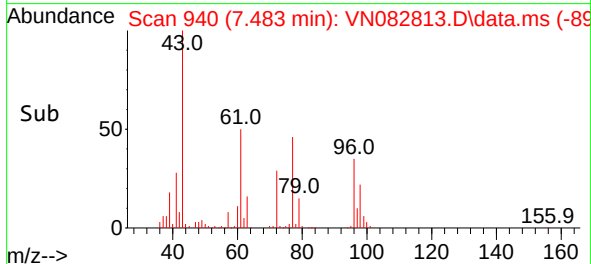
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 584964
Ion Ratio Lower Upper
43 100
72 28.8 18.2 27.2

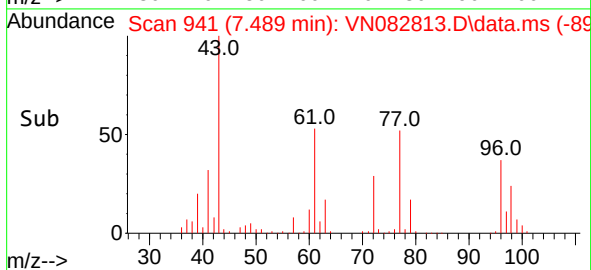
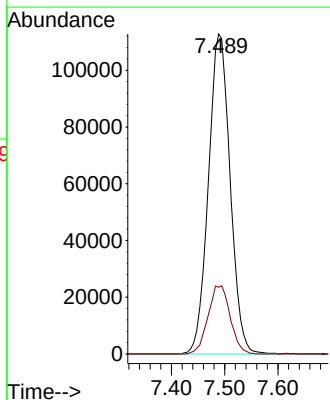
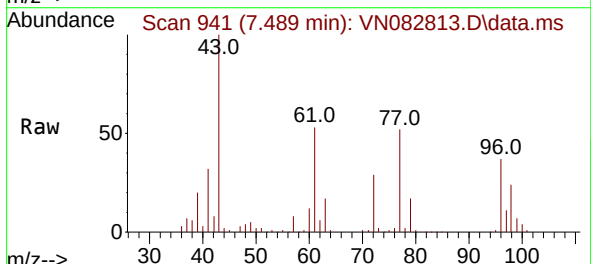
Manual Integrations
APPROVED

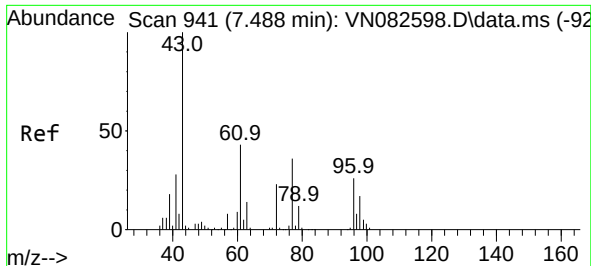
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#26
2,2-Dichloropropane
Concen: 100.042 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

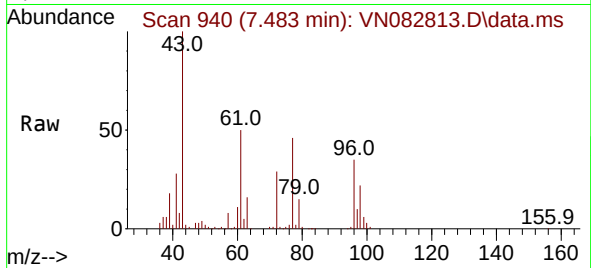
Tgt Ion: 77 Resp: 319484
Ion Ratio Lower Upper
77 100
97 21.7 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 96.849 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.005 min
 Lab File: VN082813.D
 Acq: 08 Jul 2024 10:45

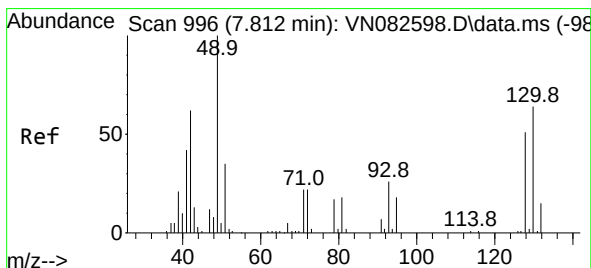
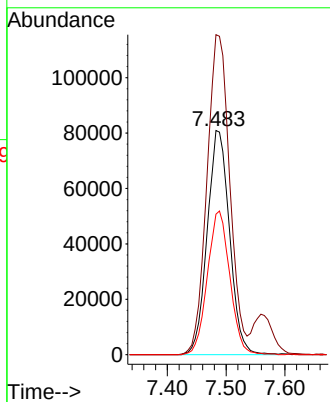
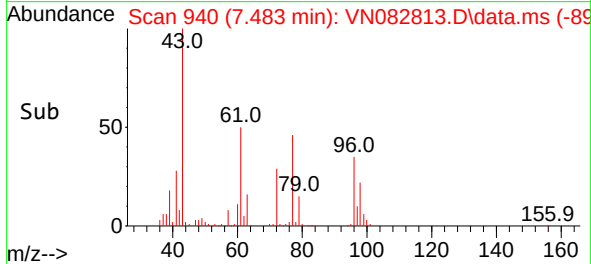
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 21326
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 329.6
 98 64.4 0.0 128.6

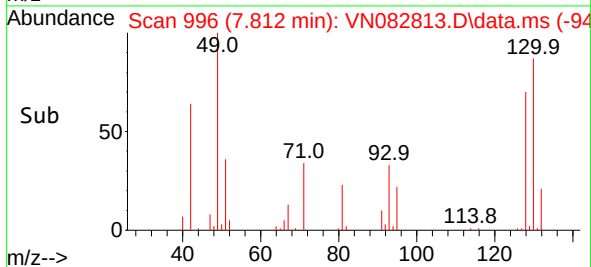
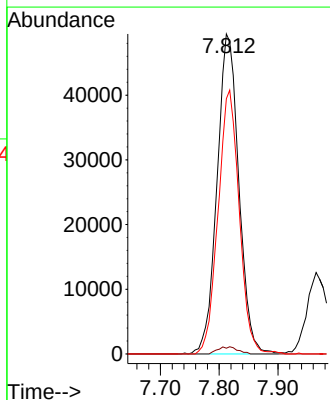
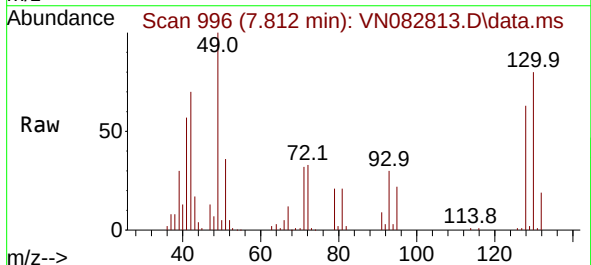
Manual Integrations
 APPROVED

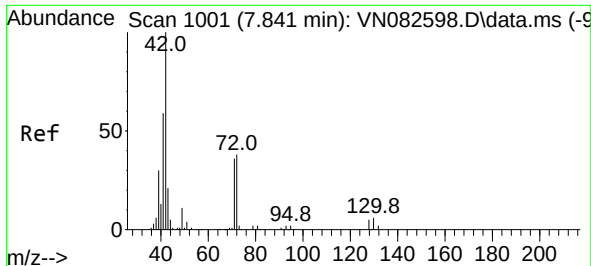
Reviewed By :John Carlone 07/08/2024
 Supervised By :Mahesh Dadoda 07/09/2024



#28
 Bromochloromethane
 Concen: 86.434 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082813.D
 Acq: 08 Jul 2024 10:45

Tgt Ion: 49 Resp: 127358
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 80.1 50.5 75.7#





#29

Tetrahydrofuran

Concen: 465.900 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082813.D

Acq: 08 Jul 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 37168

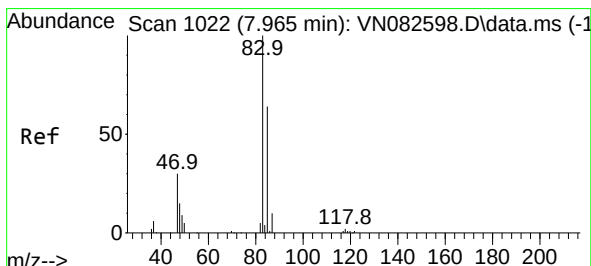
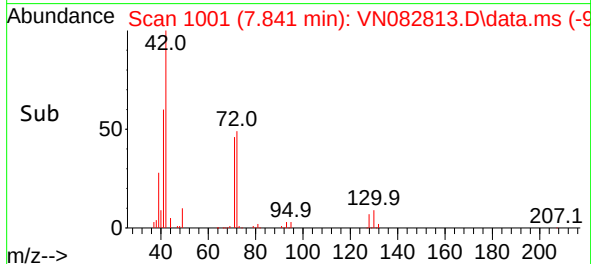
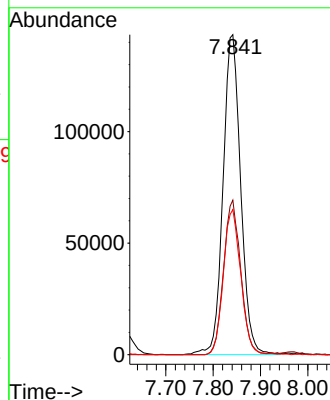
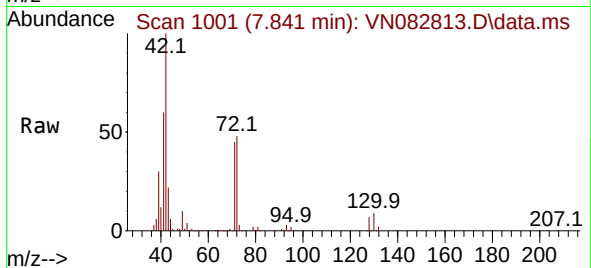
Ion	Ratio	Lower	Upper
42	100		
72	47.0	30.0	45.0
71	44.9	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#30

Chloroform

Concen: 94.470 ug/l

RT: 7.965 min Scan# 1022

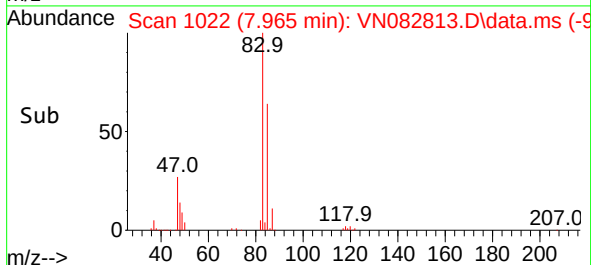
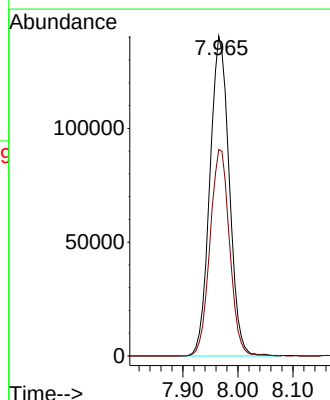
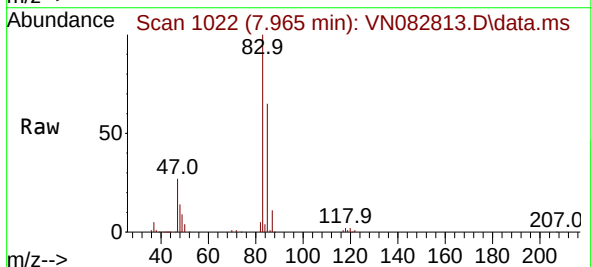
Delta R.T. 0.000 min

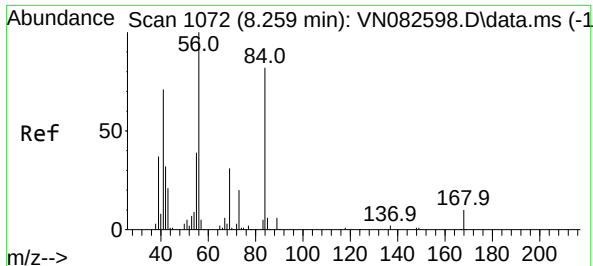
Lab File: VN082813.D

Acq: 08 Jul 2024 10:45

Tgt Ion: 83 Resp: 344230

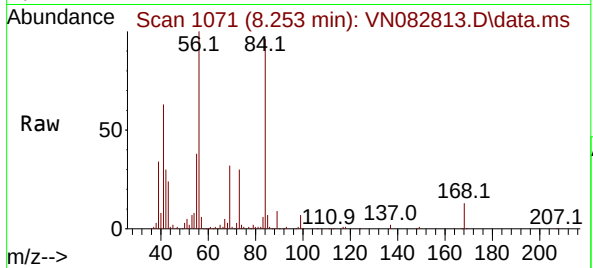
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.9	76.3





#31
Cyclohexane
Concen: 91.724 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

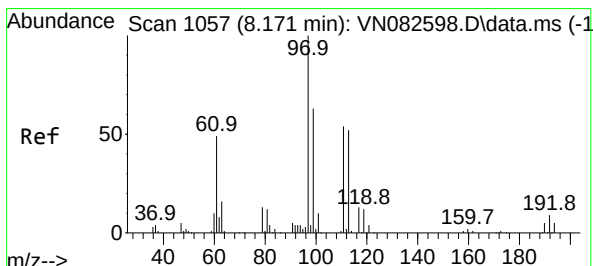
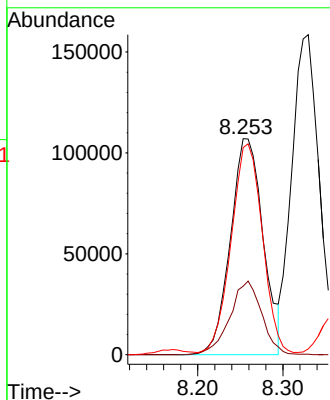
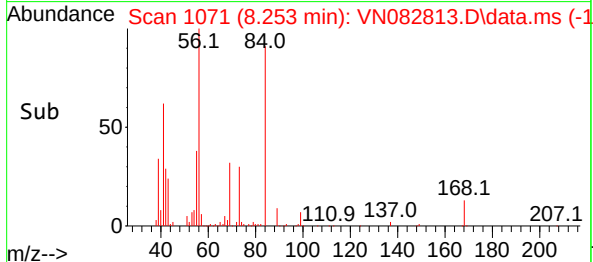
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



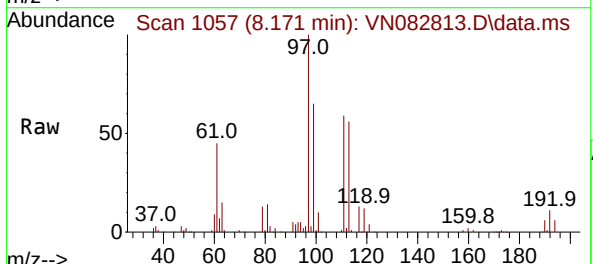
Tgt Ion: 56 Resp: 28584
Ion Ratio Lower Upper
56 100
69 31.7 24.5 36.7
84 93.8 66.0 99.0

Manual Integrations
APPROVED

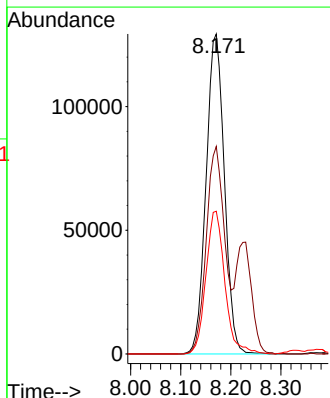
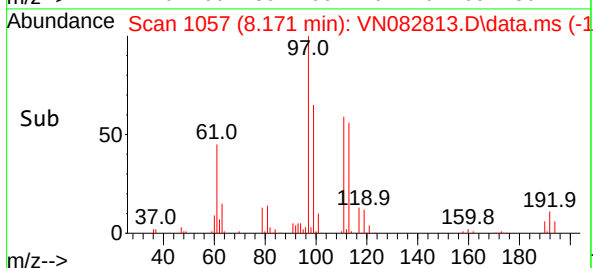
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

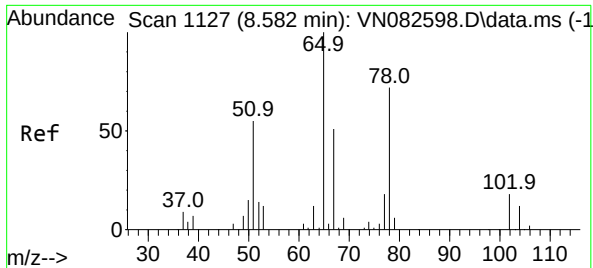


#32
1,1,1-Trichloroethane
Concen: 96.926 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45



Tgt Ion: 97 Resp: 327909
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 46.3 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 97.140 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

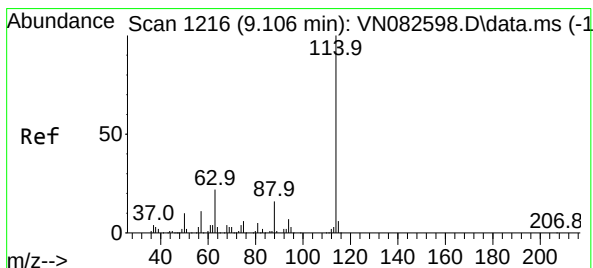
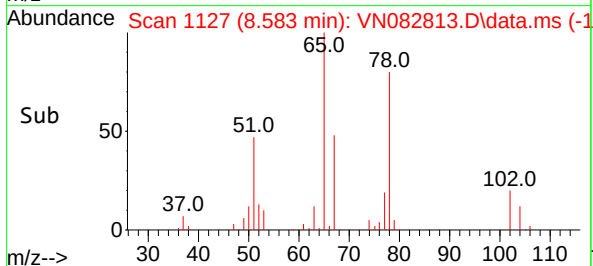
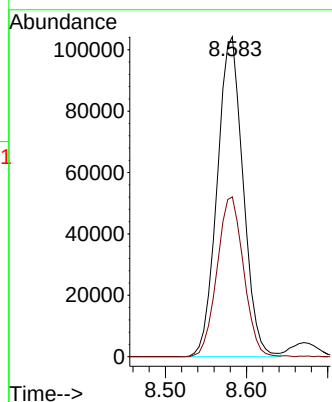
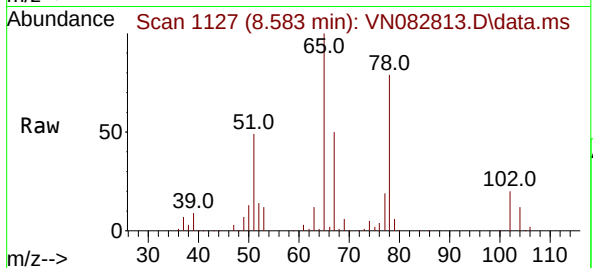
Tgt Ion: 65 Resp: 231552
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4

Manual Integrations

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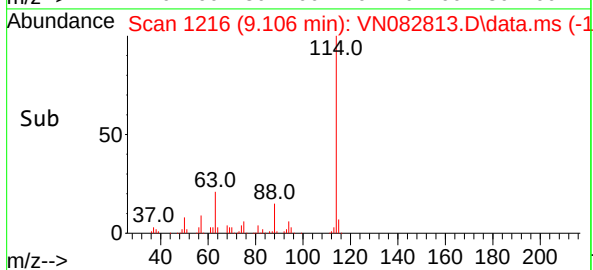
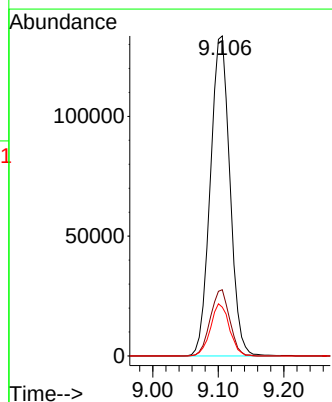
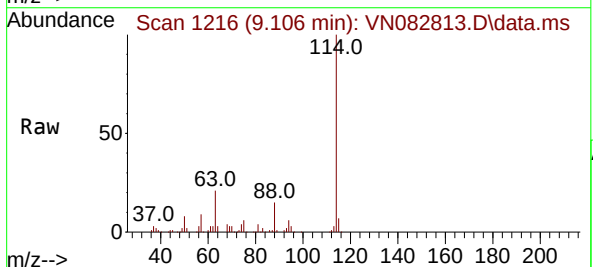
Reviewed By :John Carlone 07/08/2024

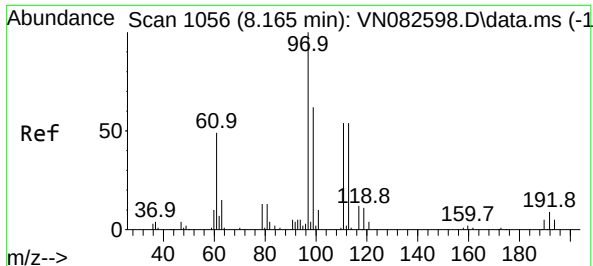
Supervised By :Mahesh Dadoda 07/09/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

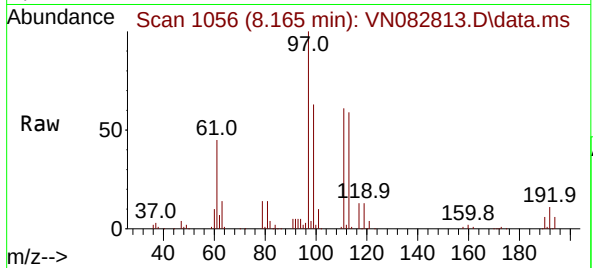
Tgt Ion:114 Resp: 276775
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.6
88 15.2 0.0 31.4





#35
Dibromofluoromethane
Concen: 102.601 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

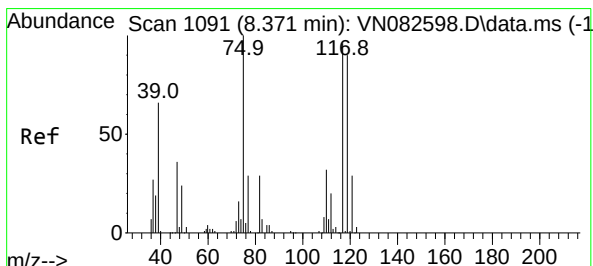
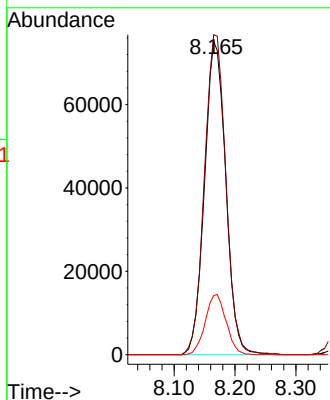
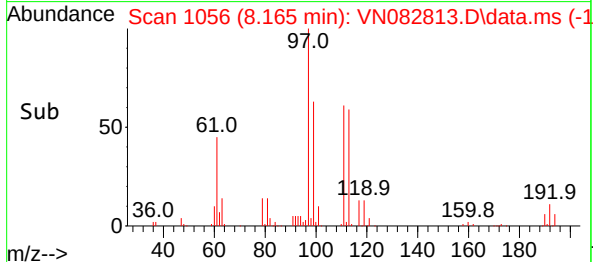
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 113 Resp: 182218
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 18.8 14.9 22.3

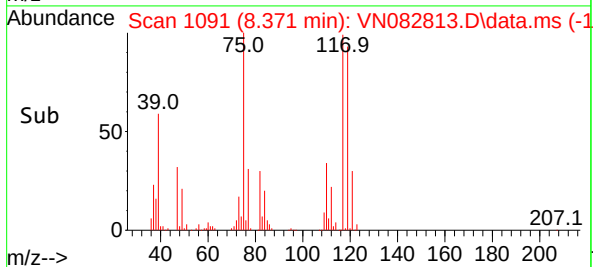
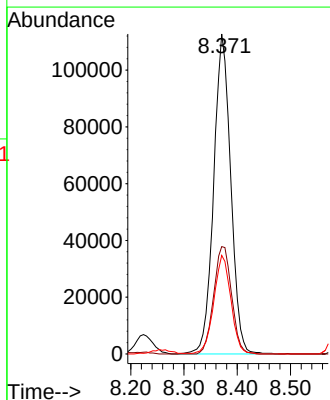
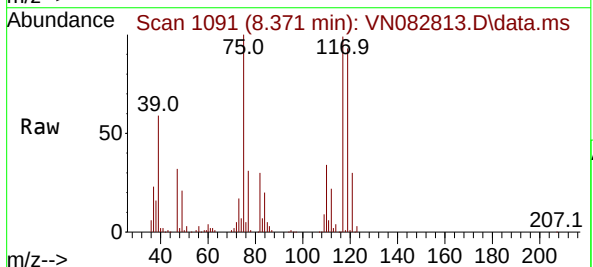
Manual Integrations
APPROVED

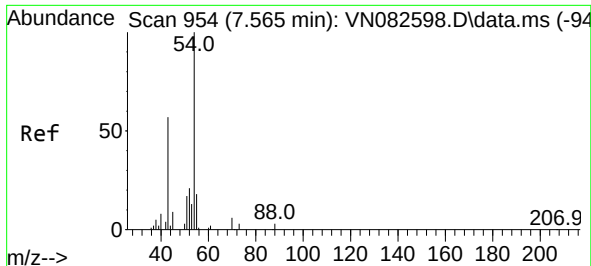
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#36
1,1-Dichloropropene
Concen: 102.546 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

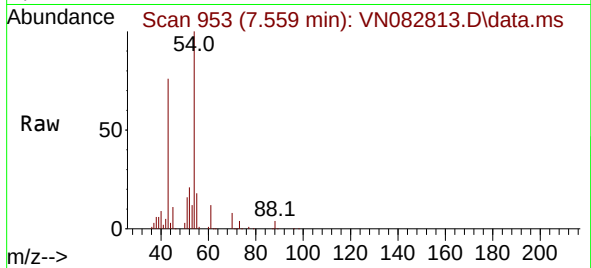
Tgt Ion: 75 Resp: 251097
Ion Ratio Lower Upper
75 100
110 35.1 16.3 48.9
77 30.8 24.6 37.0





#37
Ethyl Acetate
Concen: 93.364 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

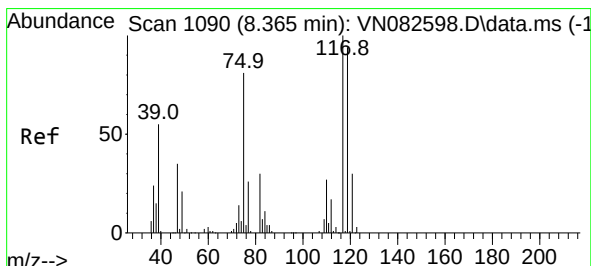
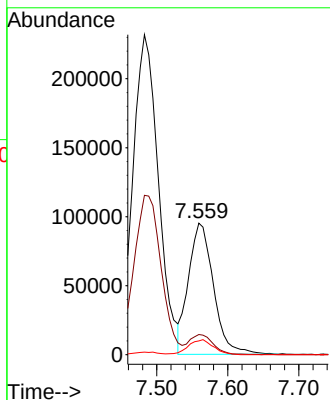
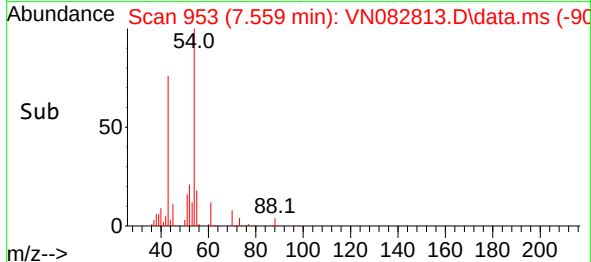
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 232750
Ion Ratio Lower Upper
43 100
61 14.9 9.3 13.9
70 11.5 7.0 10.6

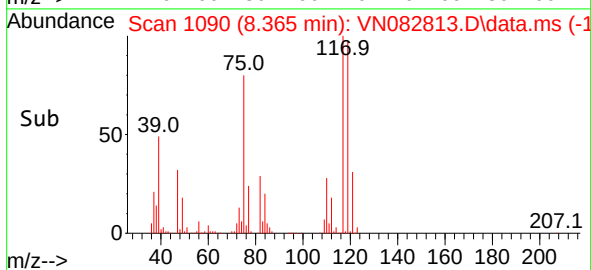
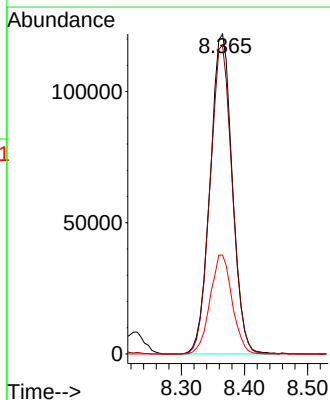
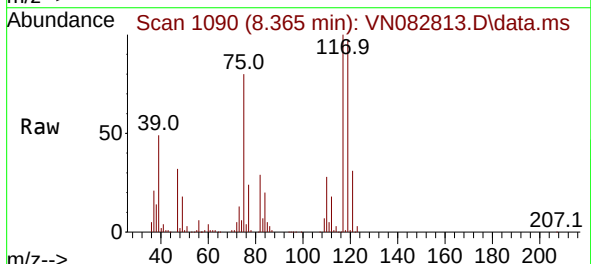
Manual Integrations
APPROVED

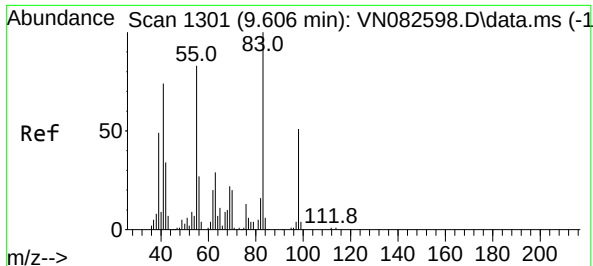
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#38
Carbon Tetrachloride
Concen: 100.859 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion:117 Resp: 297355
Ion Ratio Lower Upper
117 100
119 96.5 74.9 112.3
121 30.9 24.3 36.5





#39

Methylcyclohexane

Concen: 108.512 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN082813.D

Acq: 08 Jul 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

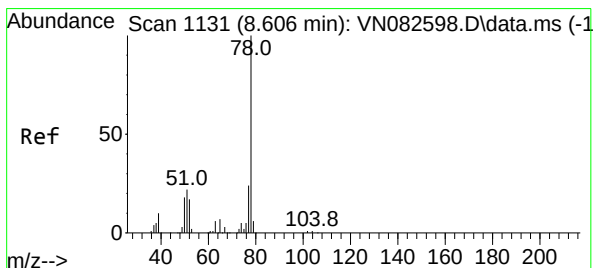
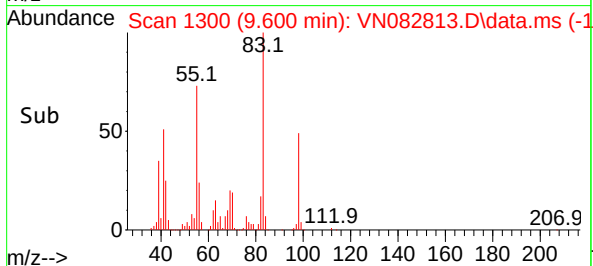
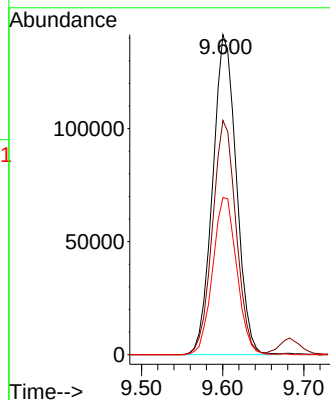
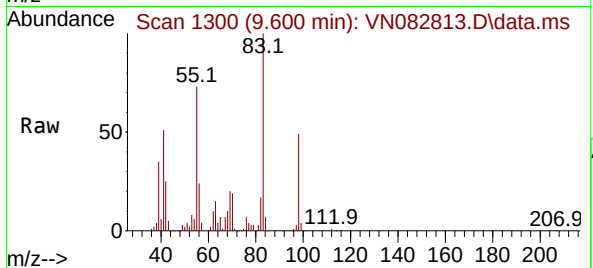
Tgt Ion:	83	Resp:	28701
Ion	Ratio	Lower	Upper
83	100		
55	73.2	66.4	99.6
98	49.1	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#40

Benzene

Concen: 99.141 ug/l

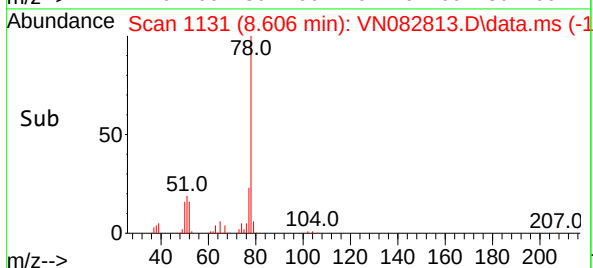
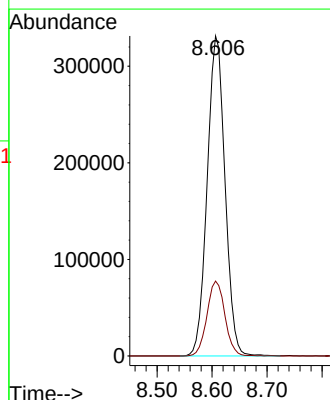
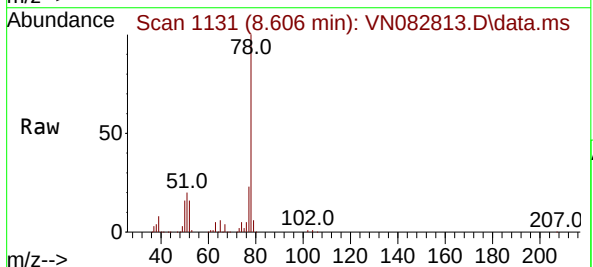
RT: 8.606 min Scan# 1131

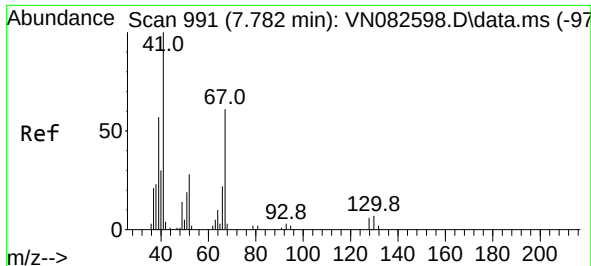
Delta R.T. 0.000 min

Lab File: VN082813.D

Acq: 08 Jul 2024 10:45

Tgt Ion:	78	Resp:	746736
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





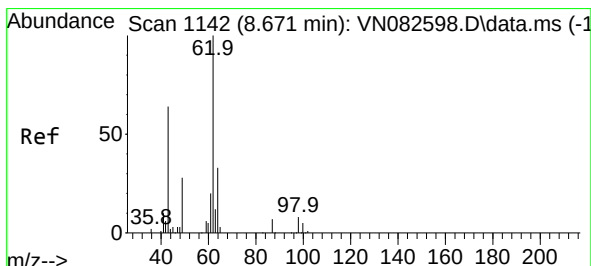
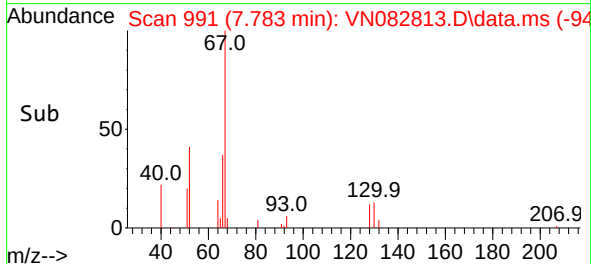
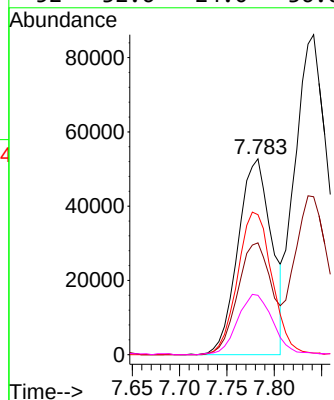
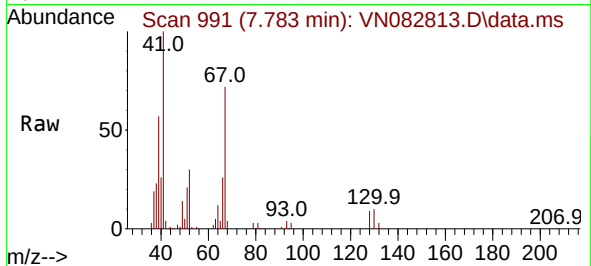
#41
Methacrylonitrile
Concen: 97.418 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 13083
Ion Ratio Lower Upper
41 100
39 58.0 45.5 68.3
67 74.5 50.5 75.7
52 32.6 24.0 36.0

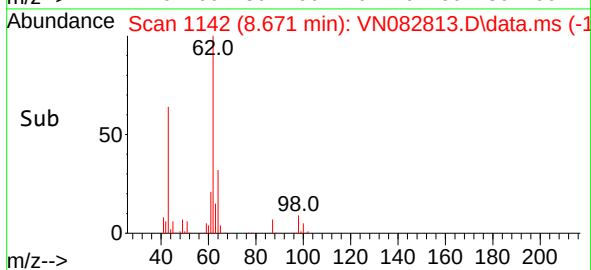
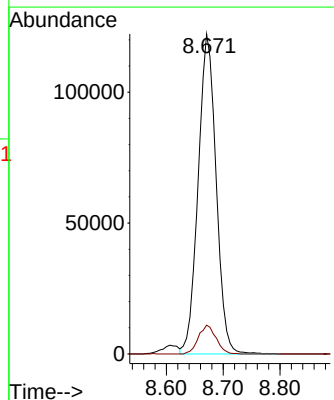
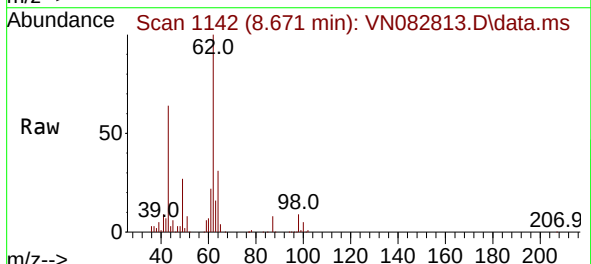
Manual Integrations
APPROVED

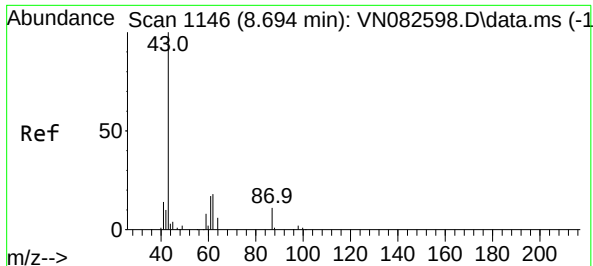
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#42
1,2-Dichloroethane
Concen: 99.182 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion: 62 Resp: 268937
Ion Ratio Lower Upper
62 100
98 8.8 0.0 15.8





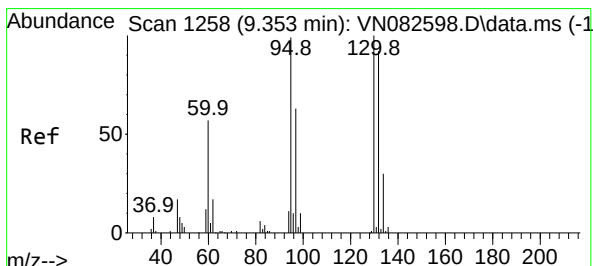
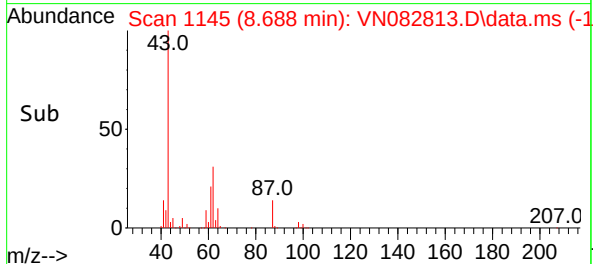
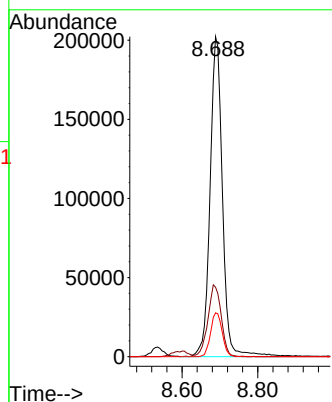
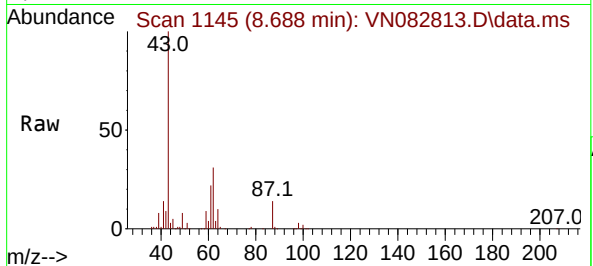
#43
Isopropyl Acetate
Concen: 100.046 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 456602
Ion Ratio Lower Upper
43 100
61 24.1 17.8 26.6
87 12.9 8.2 12.2

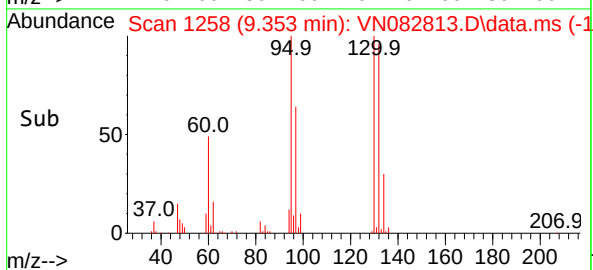
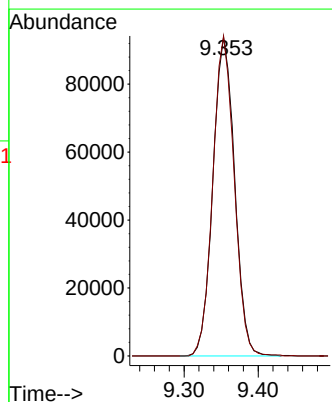
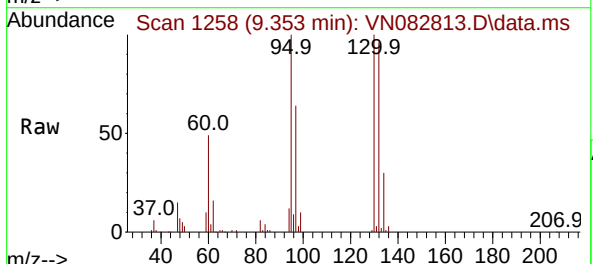
Manual Integrations
APPROVED

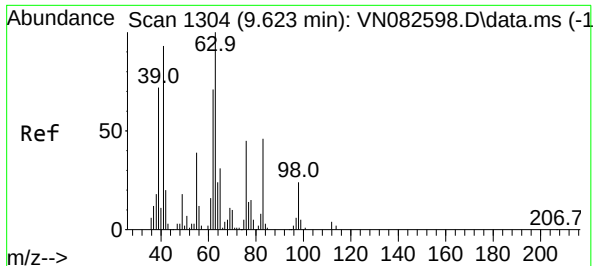
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#44
Trichloroethene
Concen: 98.870 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion:130 Resp: 190789
Ion Ratio Lower Upper
130 100
95 100.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 101.257 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN082813.D

Acq: 08 Jul 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 17805

Ion Ratio Lower Upper

63 100

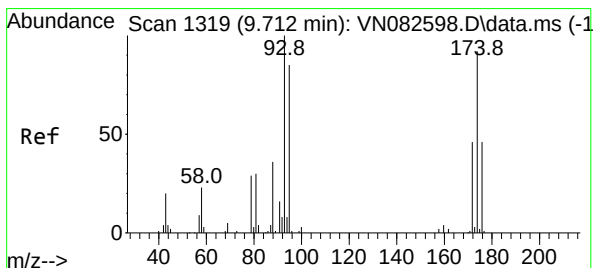
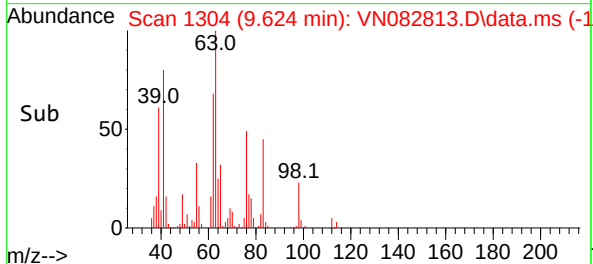
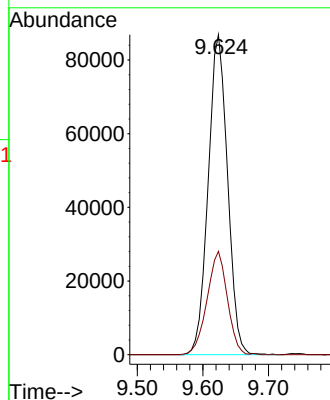
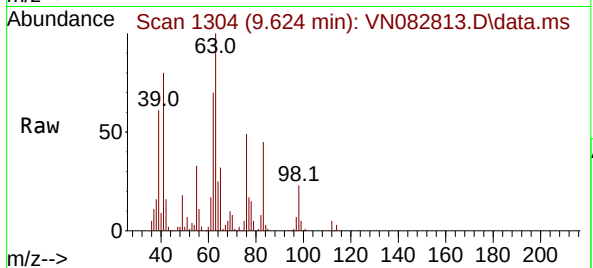
65 32.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#46

Dibromomethane

Concen: 100.240 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082813.D

Acq: 08 Jul 2024 10:45

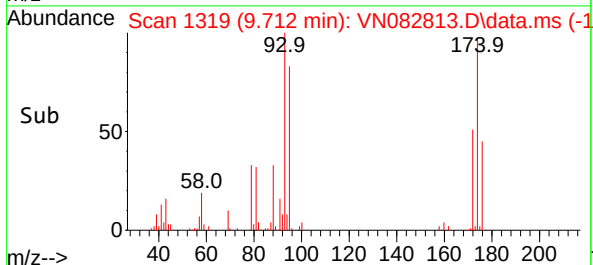
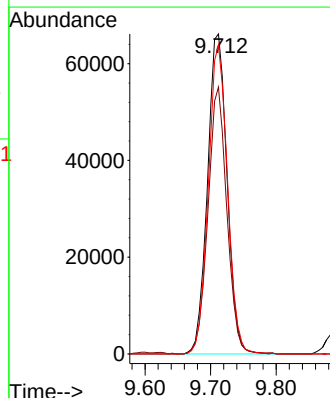
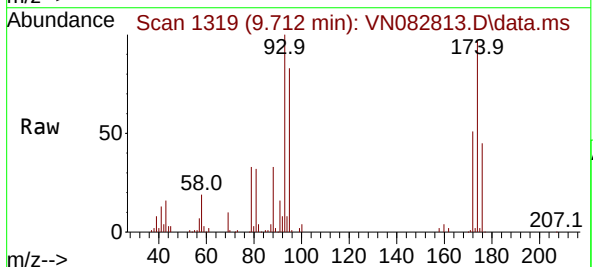
Tgt Ion: 93 Resp: 137322

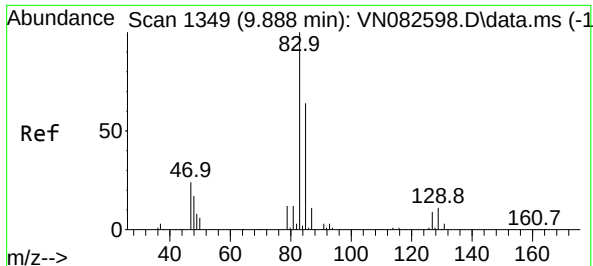
Ion Ratio Lower Upper

93 100

95 80.6 65.8 98.6

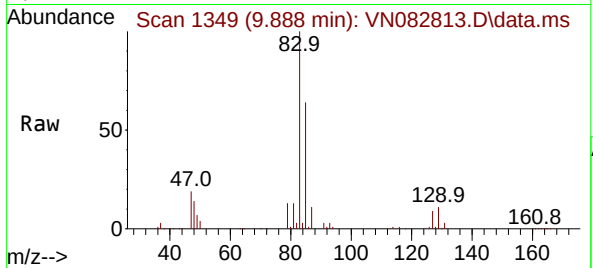
174 95.1 71.7 107.5





#47
Bromodichloromethane
Concen: 100.041 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

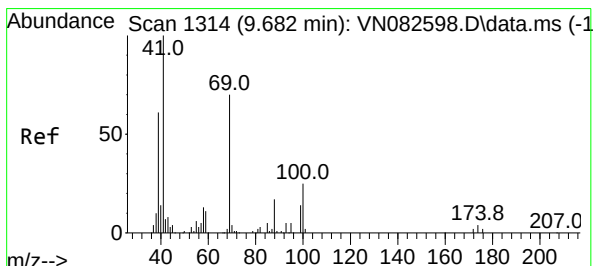
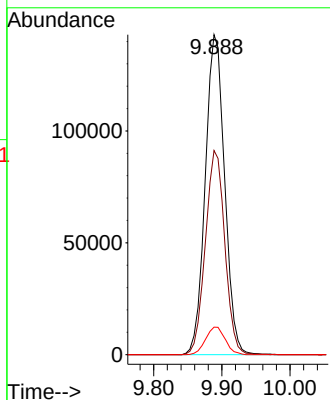
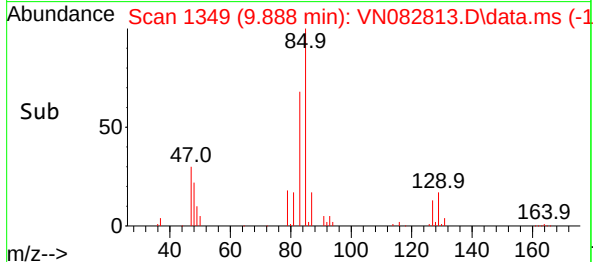
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



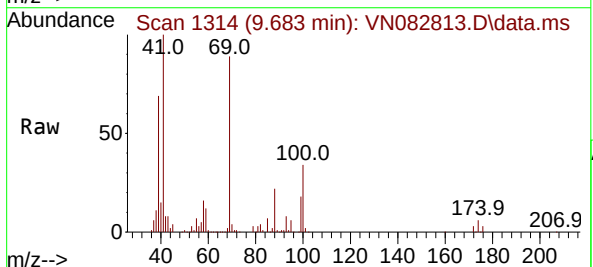
Tgt Ion: 83 Resp: 28317
Ion Ratio Lower Upper
83 100
85 63.8 51.1 76.7
127 8.6 7.2 10.8

Manual Integrations
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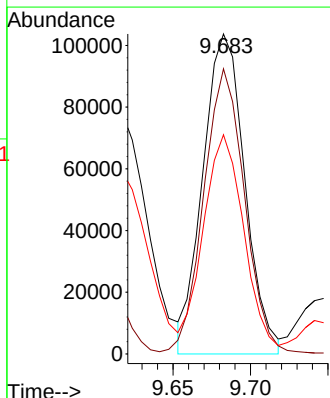
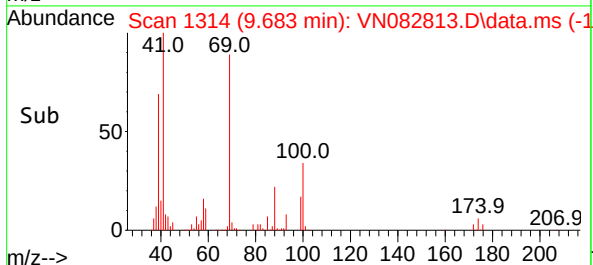
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

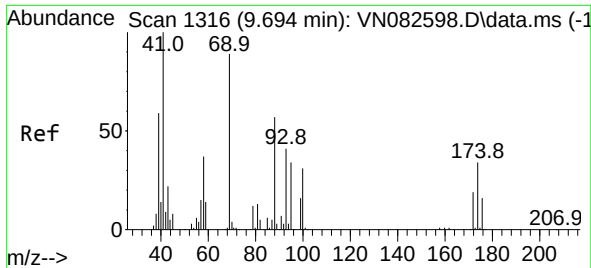


#48
Methyl methacrylate
Concen: 99.700 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45



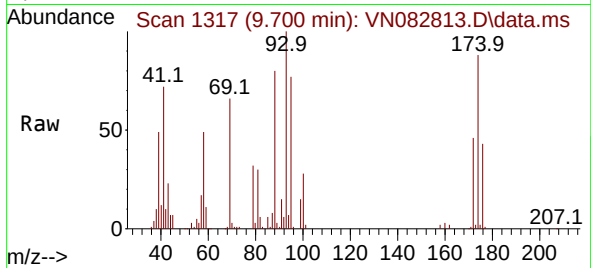
Tgt Ion: 41 Resp: 194887
Ion Ratio Lower Upper
41 100
69 87.4 56.3 84.5#
39 67.0 50.3 75.5





#49
1,4-Dioxane
Concen: 1991.628 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

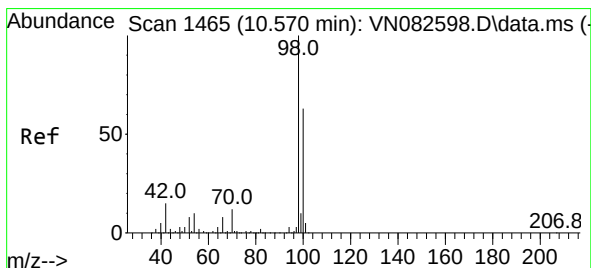
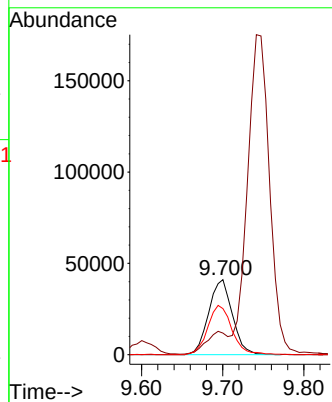
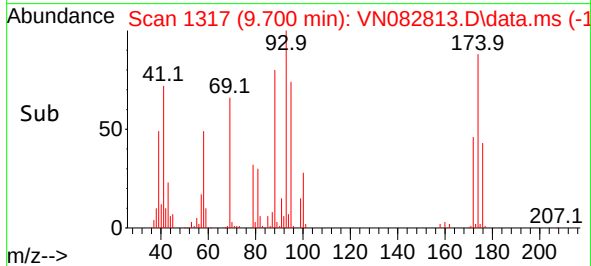
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 83025
Ion Ratio Lower Upper
88 100
43 27.4 27.8 41.8
58 67.8 59.4 89.0

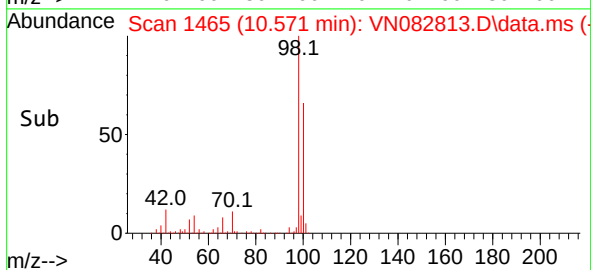
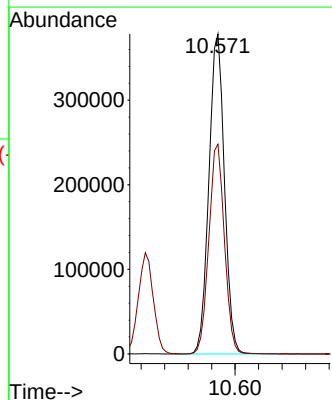
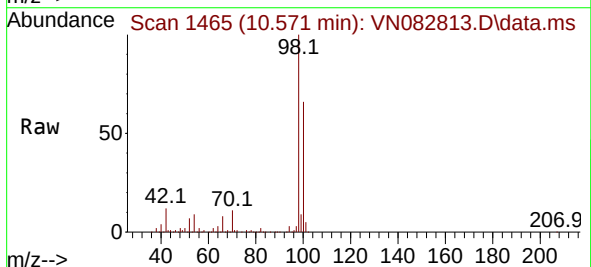
Manual Integrations
APPROVED

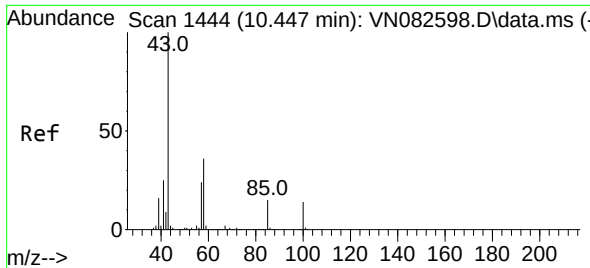
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#50
Toluene-d8
Concen: 105.533 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

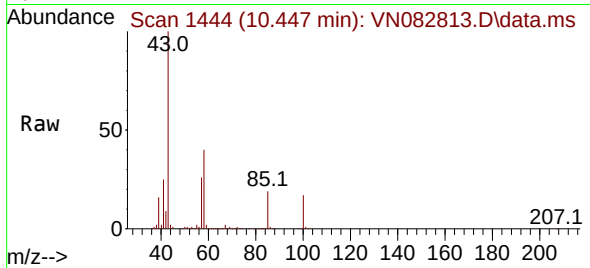
Tgt Ion: 98 Resp: 692251
Ion Ratio Lower Upper
98 100
100 65.8 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 492.908 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

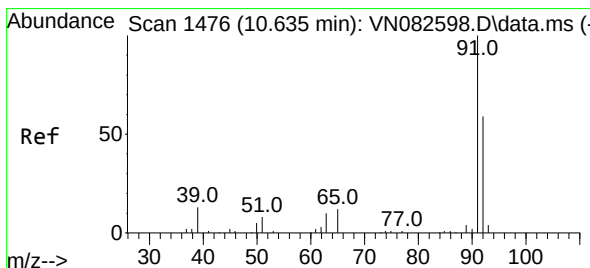
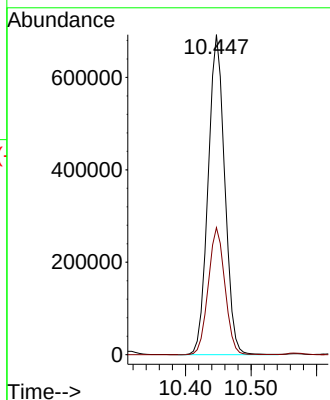
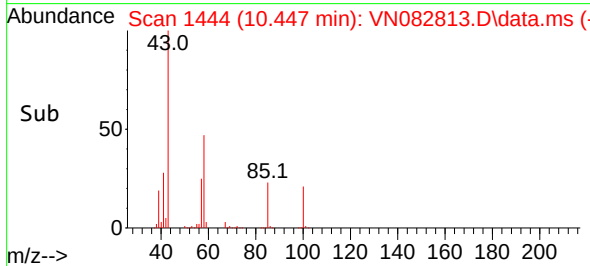
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



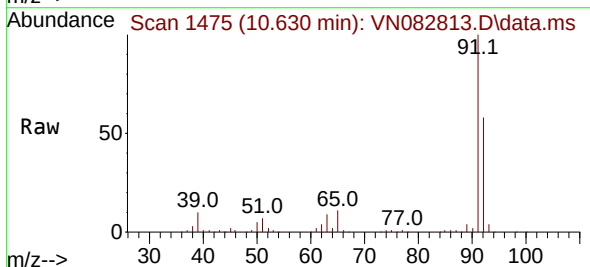
Tgt Ion: 43 Resp: 1218194
Ion Ratio Lower Upper
43 100
58 39.8 28.2 42.4

Manual Integrations
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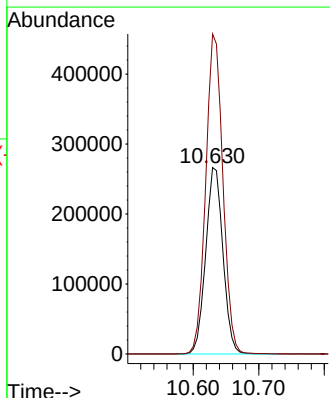
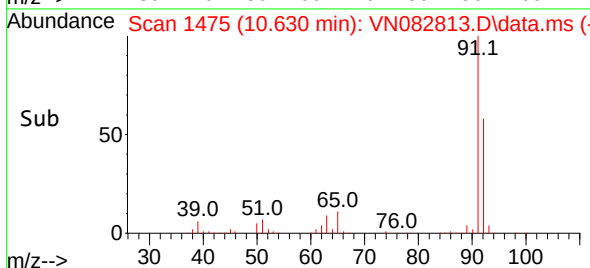
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

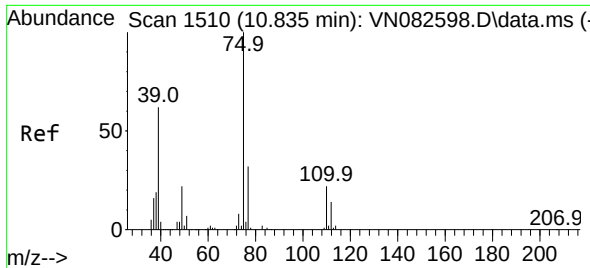


#52
Toluene
Concen: 103.486 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45



Tgt Ion: 92 Resp: 486911
Ion Ratio Lower Upper
92 100
91 170.9 139.4 209.0





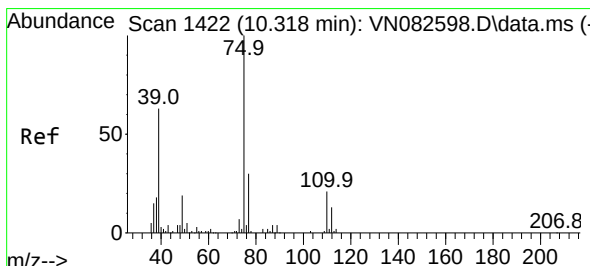
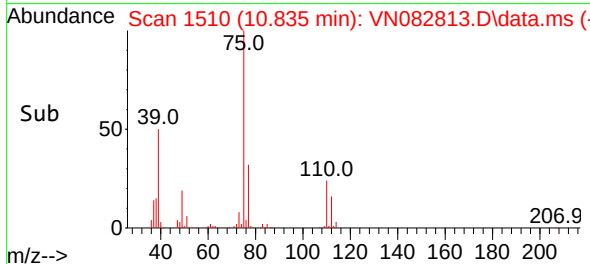
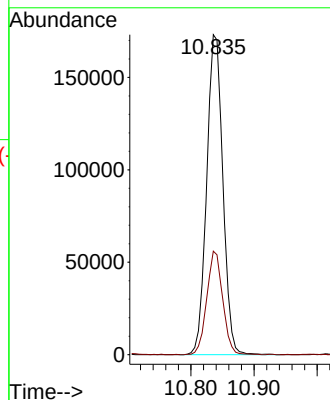
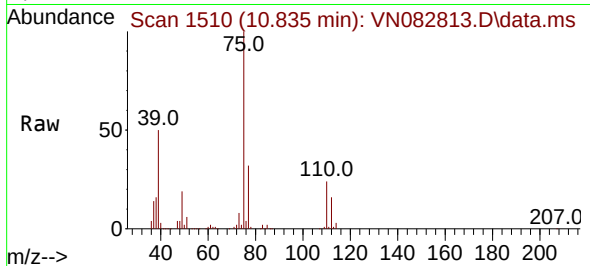
#53
 t-1,3-Dichloropropene
 Concen: 105.519 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082813.D
 Acq: 08 Jul 2024 10:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 307694
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.7 38.5

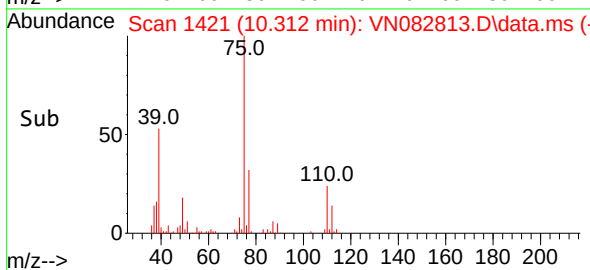
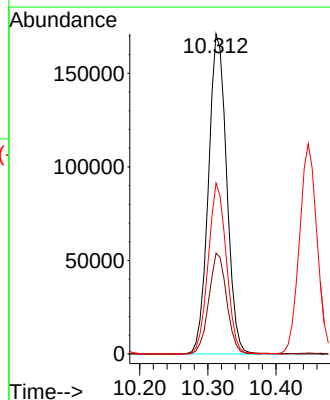
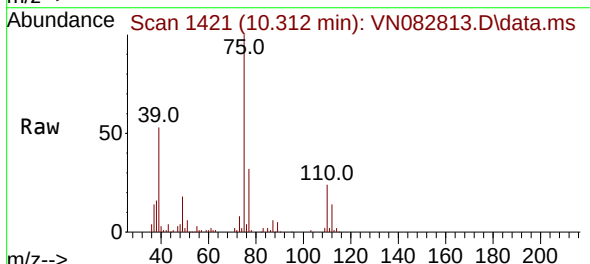
Manual Integrations
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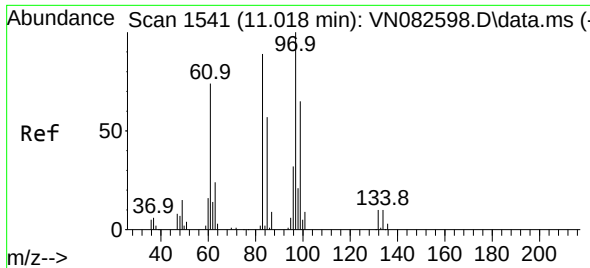
Reviewed By :John Carlone 07/08/2024
 Supervised By :Mahesh Dadoda 07/09/2024



#54
 cis-1,3-Dichloropropene
 Concen: 103.198 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN082813.D
 Acq: 08 Jul 2024 10:45

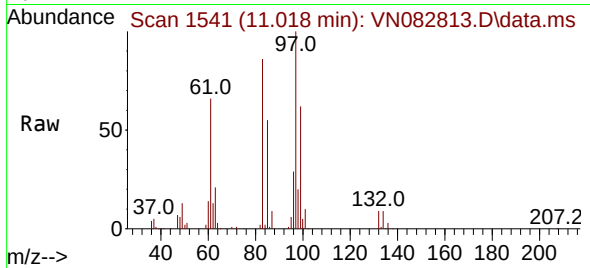
Tgt Ion: 75 Resp: 318526
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.3 36.5
 39 53.4 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 101.165 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

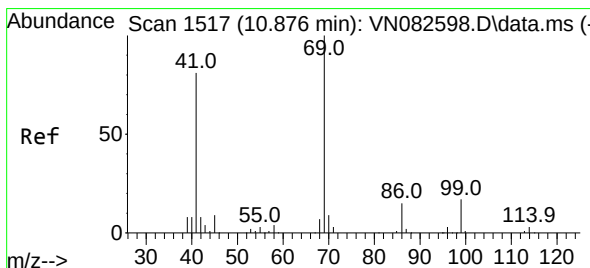
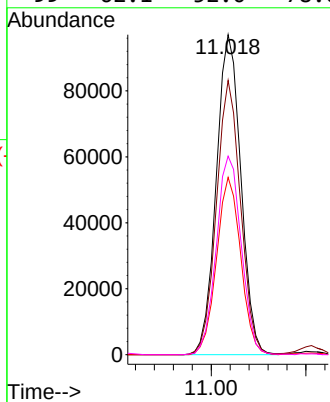
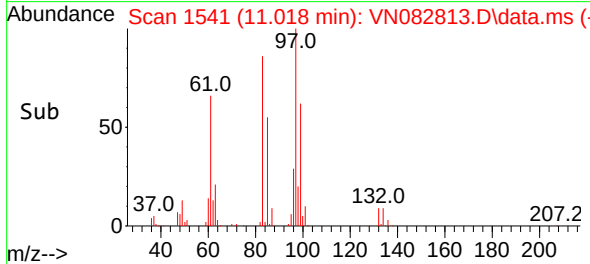
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



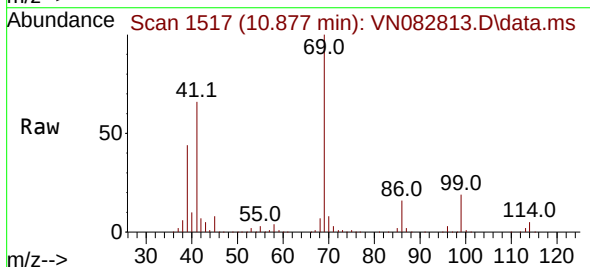
Tgt Ion: 97 Resp: 175030
Ion Ratio Lower Upper
97 100
83 85.7 71.4 107.0
85 55.4 45.8 68.6
99 62.1 52.0 78.0

Manual Integrations
APPROVED

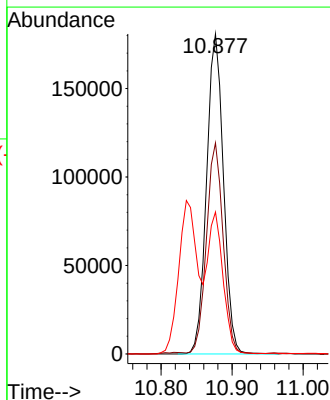
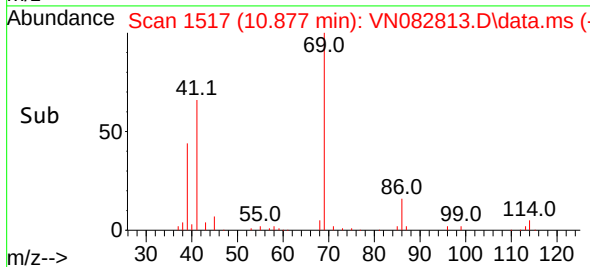
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

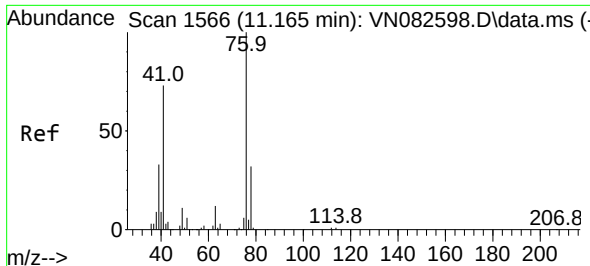


#56
Ethyl methacrylate
Concen: 110.836 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45



Tgt Ion: 69 Resp: 298342
Ion Ratio Lower Upper
69 100
41 64.8 63.4 95.2
39 39.8 37.4 56.0





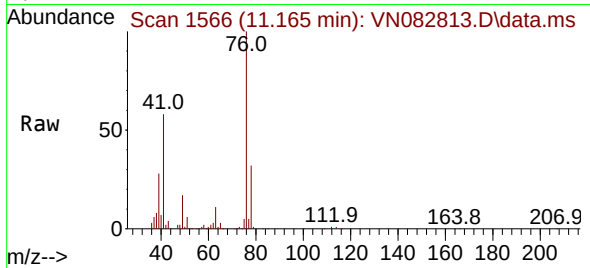
#57
1,3-Dichloropropane
Concen: 99.515 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



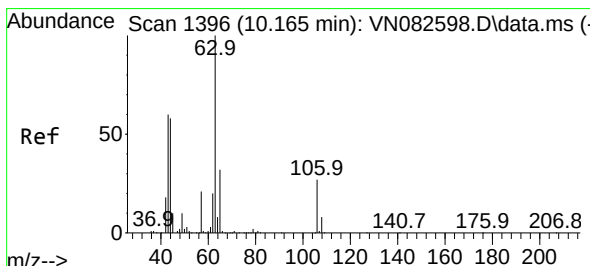
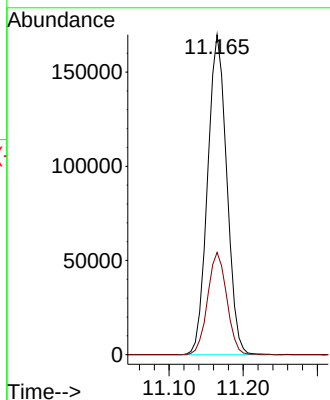
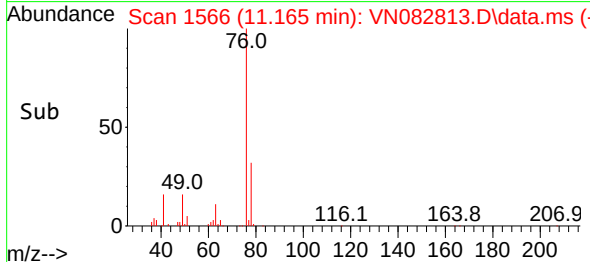
Tgt Ion: 76 Resp: 304772
Ion Ratio Lower Upper
76 100
78 31.9 25.6 38.4

Manual Integrations

APPROVED

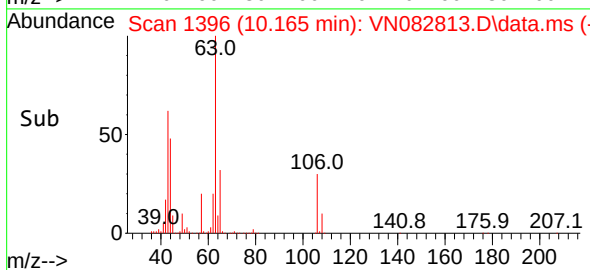
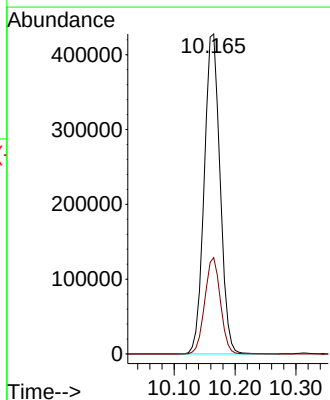
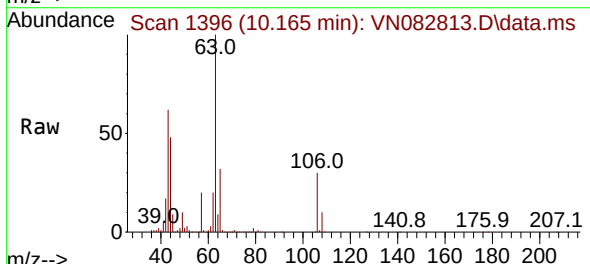
Reviewed By :John Carlone 07/08/2024

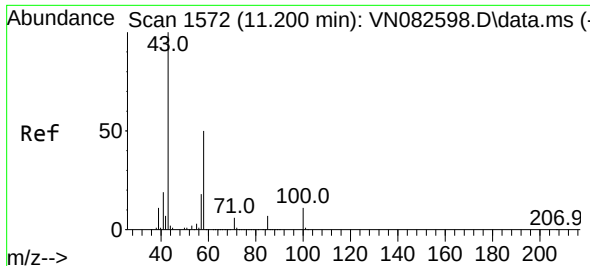
Supervised By :Mahesh Dadoda 07/09/2024



#58
2-Chloroethyl Vinyl ether
Concen: 560.414 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion: 63 Resp: 774051
Ion Ratio Lower Upper
63 100
106 29.7 21.4 32.0





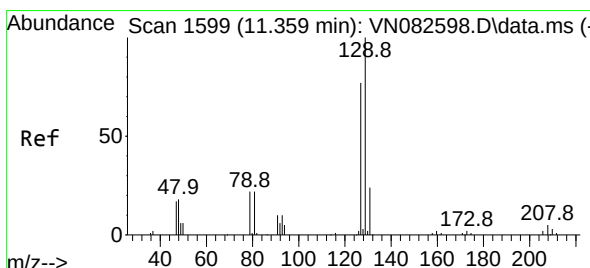
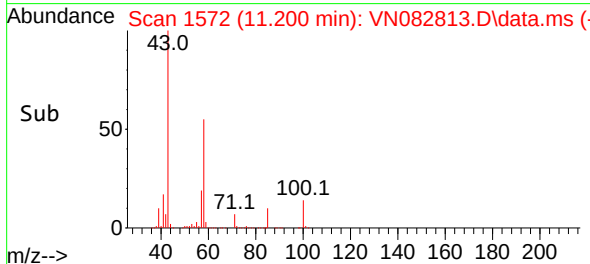
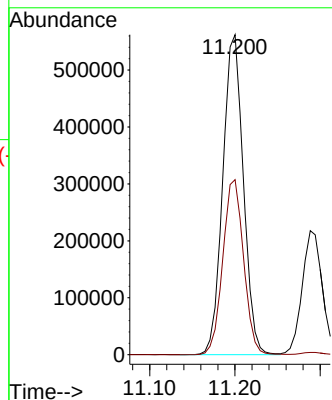
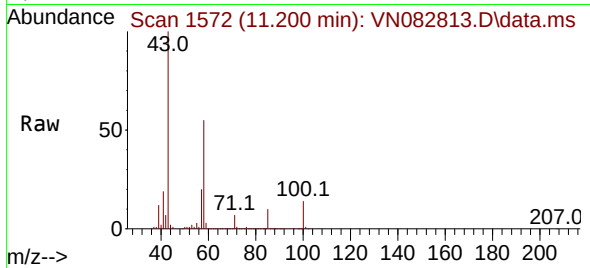
#59
2-Hexanone
Concen: 513.372 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 943309
Ion Ratio Lower Upper
43 100
58 55.2 24.6 73.8

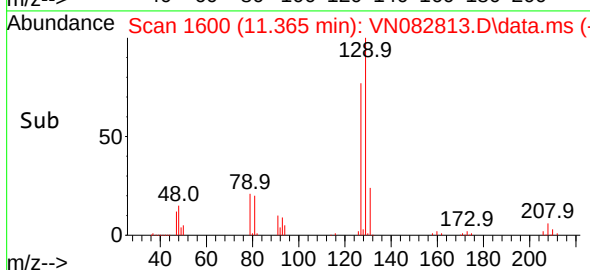
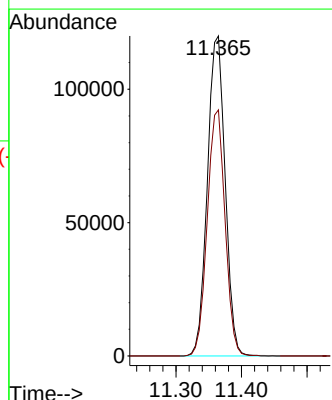
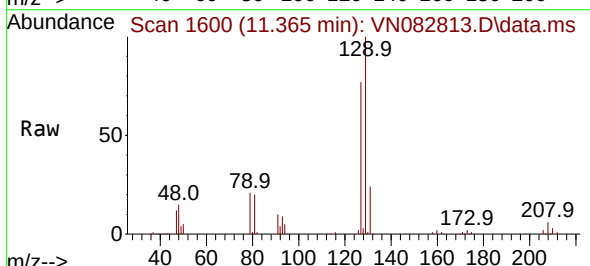
Manual Integrations
APPROVED

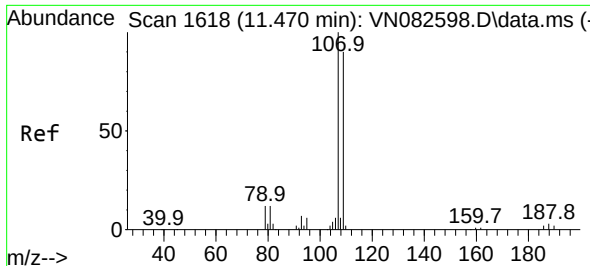
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#60
Dibromochloromethane
Concen: 102.691 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion:129 Resp: 226293
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





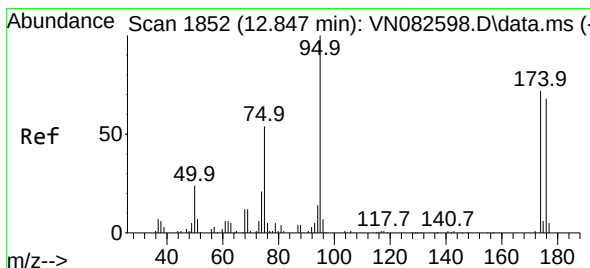
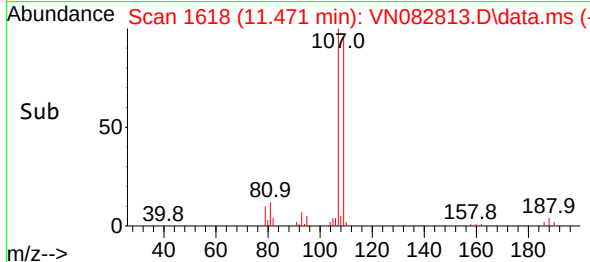
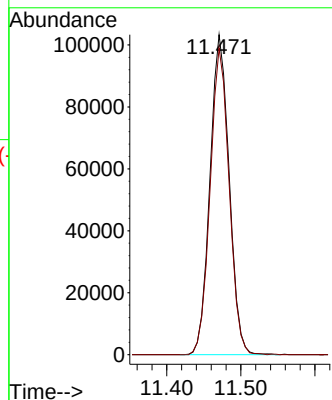
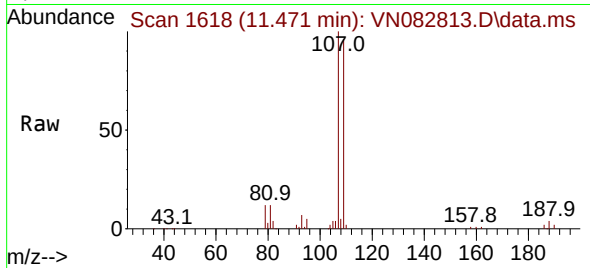
#61
1,2-Dibromoethane
Concen: 101.133 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 18581
Ion Ratio Lower Upper
107 100
109 94.8 73.7 110.5

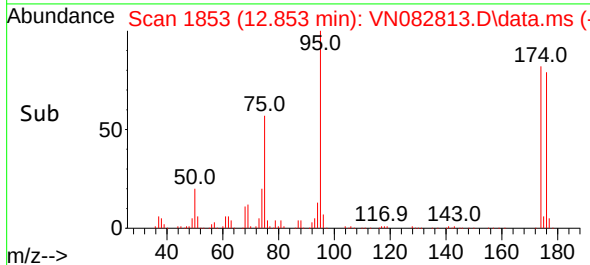
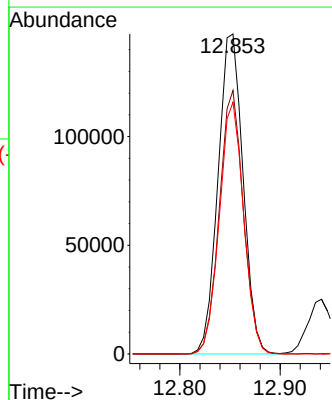
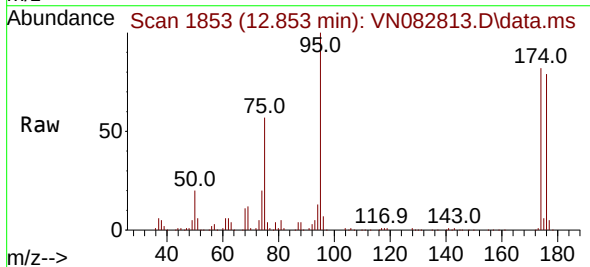
Manual Integrations
APPROVED

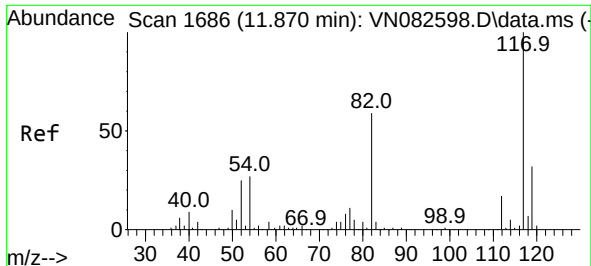
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#62
4-Bromofluorobenzene
Concen: 108.032 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion: 95 Resp: 254553
Ion Ratio Lower Upper
95 100
174 79.2 0.0 159.2
176 76.2 0.0 147.6





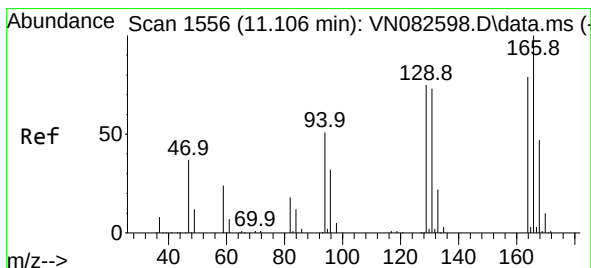
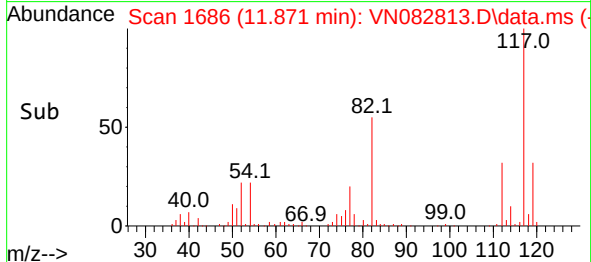
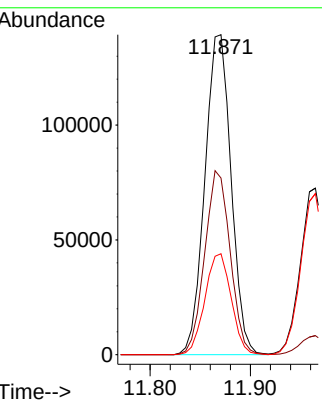
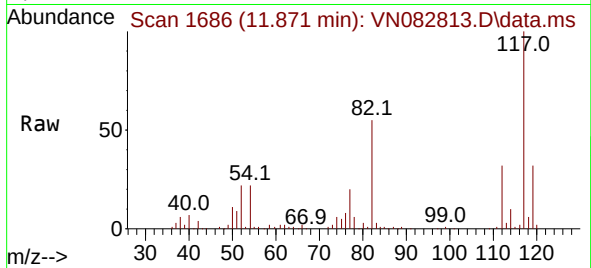
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1168
Delta R.T. 0.001 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 252870
Ion Ratio Lower Upper
117 100
82 55.2 47.5 71.3
119 31.5 25.6 38.4

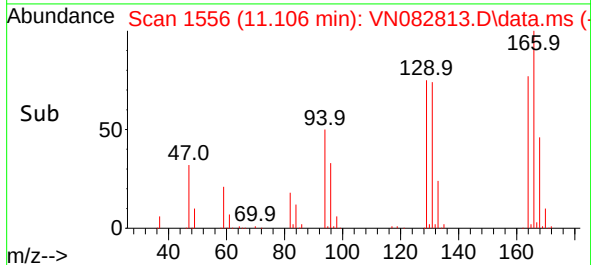
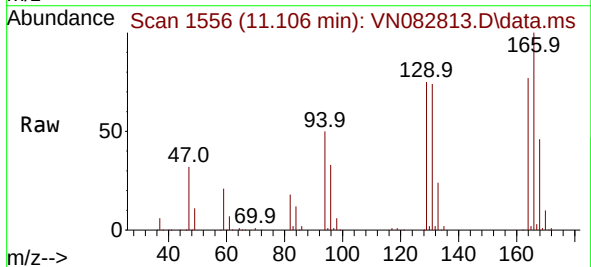
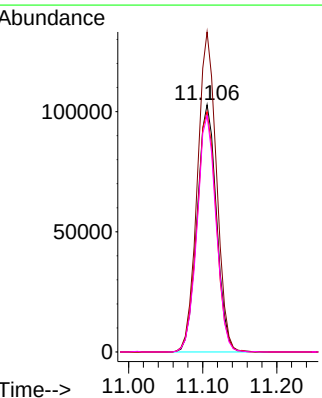
Manual Integrations
APPROVED

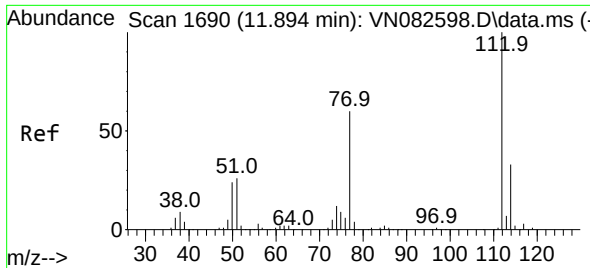
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#64
Tetrachloroethene
Concen: 98.837 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion:164 Resp: 186469
Ion Ratio Lower Upper
164 100
166 129.4 101.4 152.0
129 97.1 75.7 113.5
131 95.5 73.8 110.6





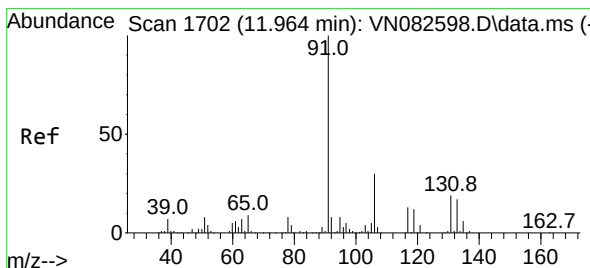
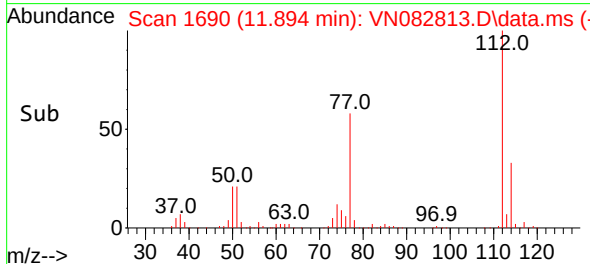
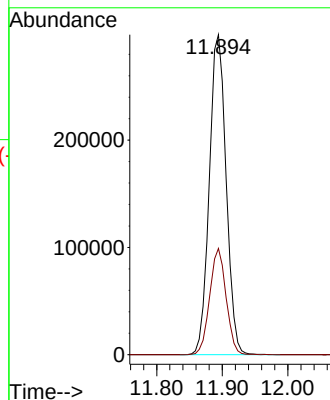
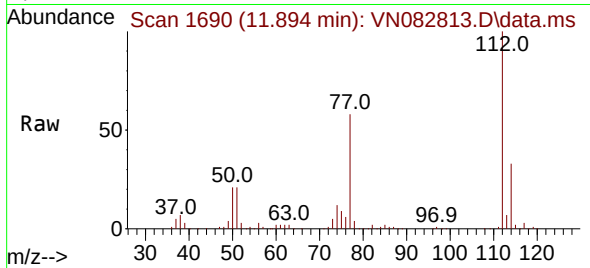
#65
Chlorobenzene
Concen: 98.175 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 53198
Ion Ratio Lower Upper
112 100
114 33.2 26.2 39.2

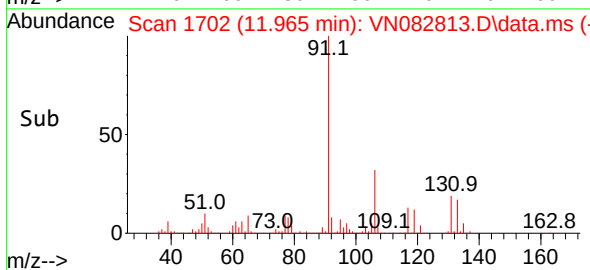
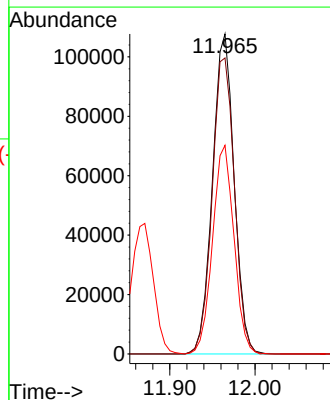
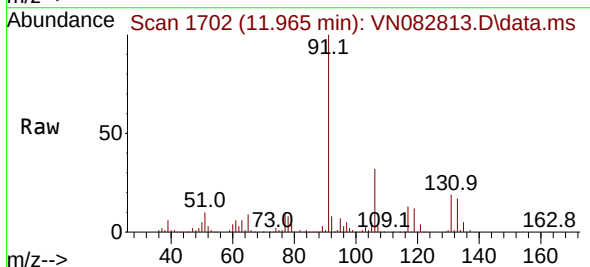
Manual Integrations
APPROVED

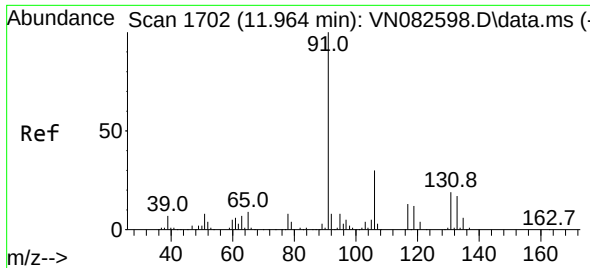
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 98.711 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion:131 Resp: 190259
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 64.7 32.5 97.4





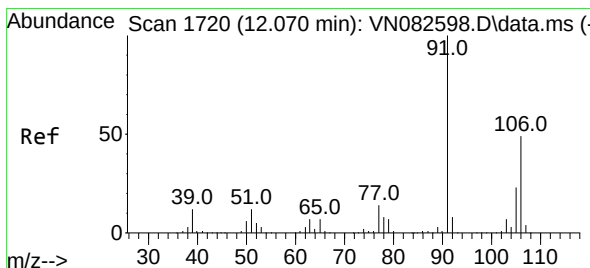
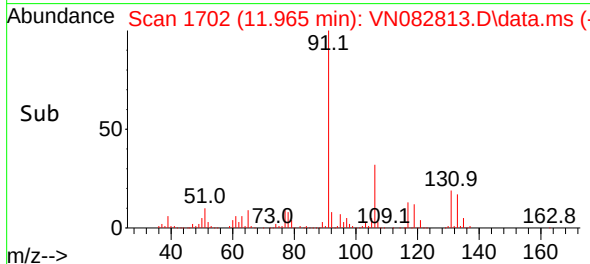
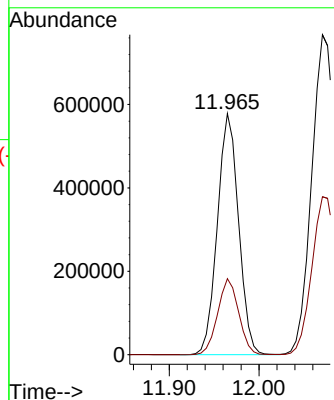
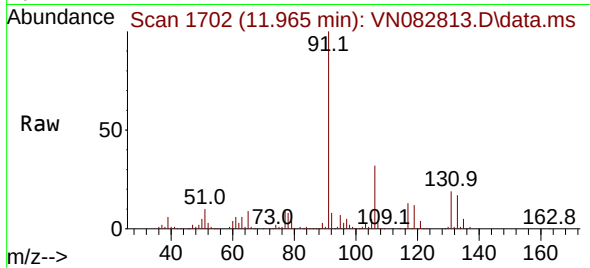
#67
Ethyl Benzene
Concen: 104.103 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 948093
Ion Ratio Lower Upper
91 100
106 31.6 24.0 36.0

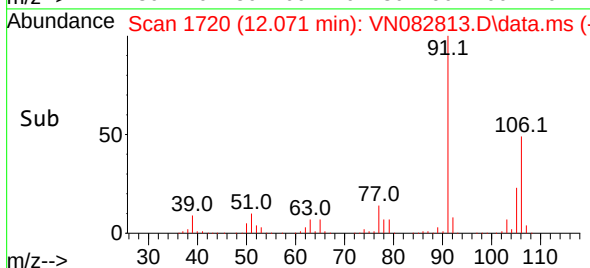
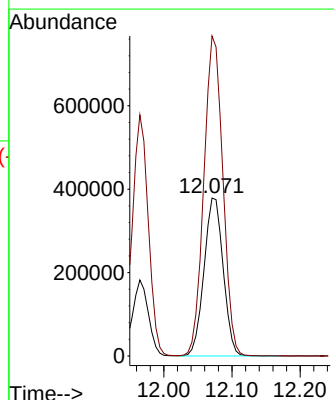
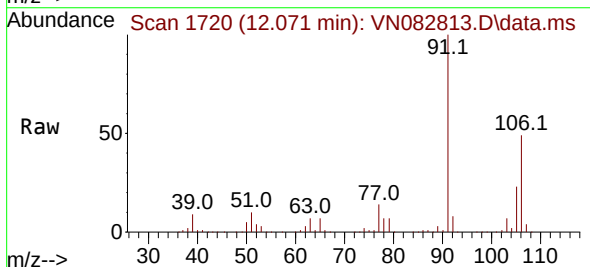
Manual Integrations
APPROVED

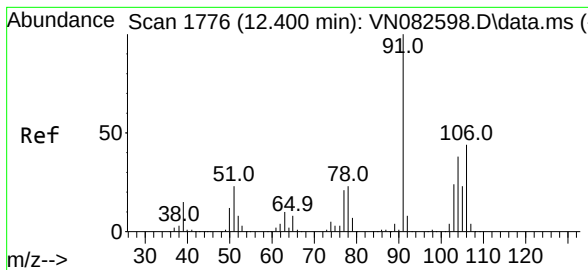
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#68
m/p-Xylenes
Concen: 215.285 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion:106 Resp: 740222
Ion Ratio Lower Upper
106 100
91 201.1 166.1 249.1





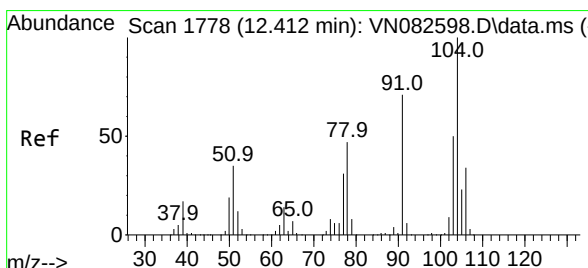
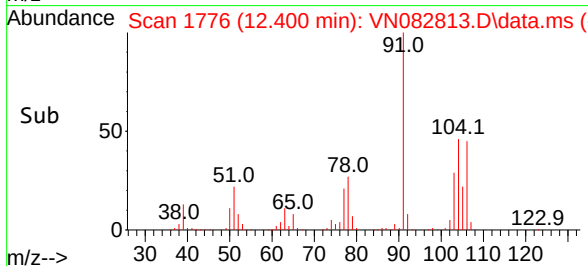
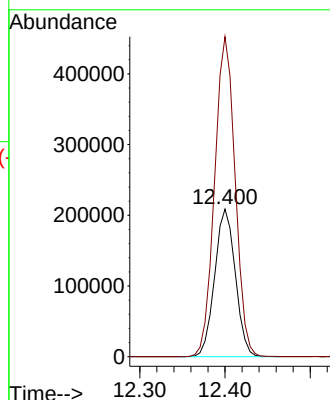
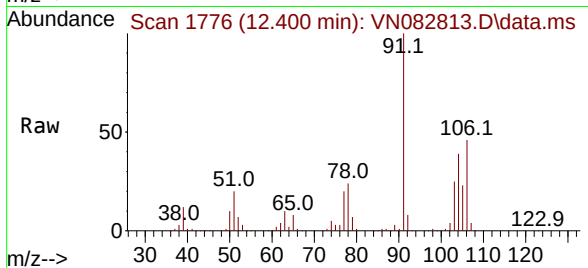
#69
o-Xylene
Concen: 106.753 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 35170
Ion Ratio Lower Upper
106 100
91 216.0 111.3 333.9

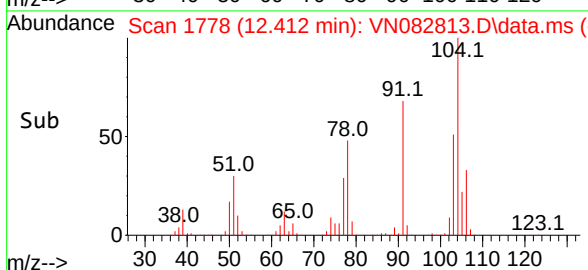
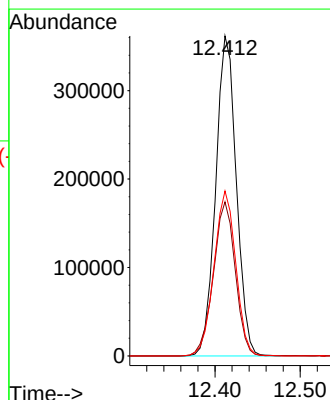
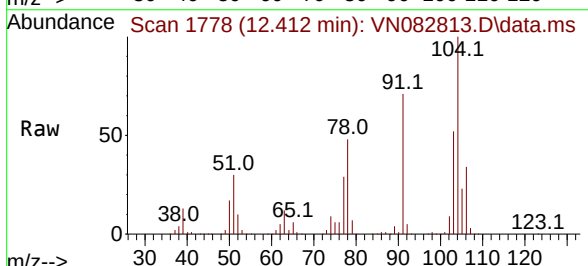
Manual Integrations
APPROVED

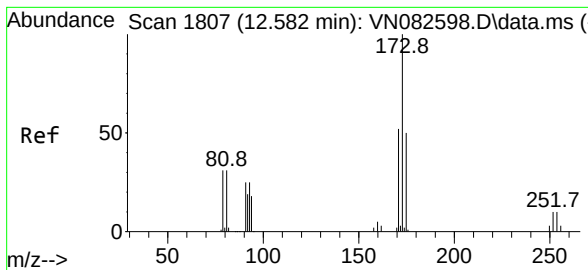
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#70
Styrene
Concen: 111.629 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

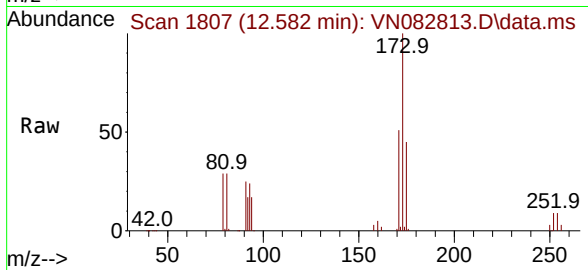
Tgt Ion:104 Resp: 607659
Ion Ratio Lower Upper
104 100
78 51.1 41.6 62.4
103 54.5 44.0 66.0





#71
Bromoform
Concen: 106.234 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

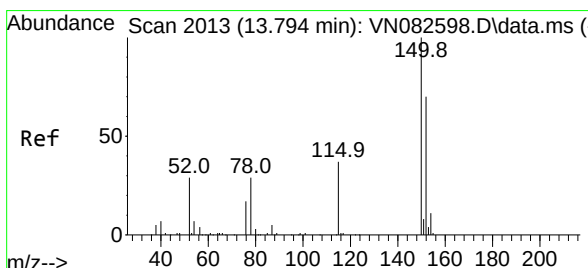
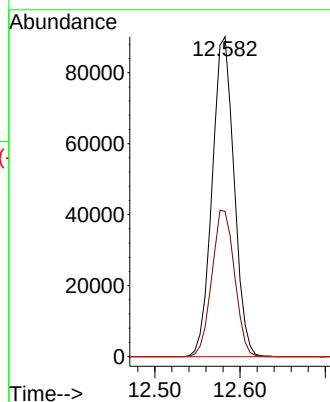
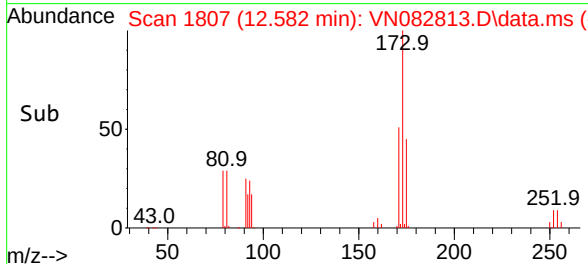
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



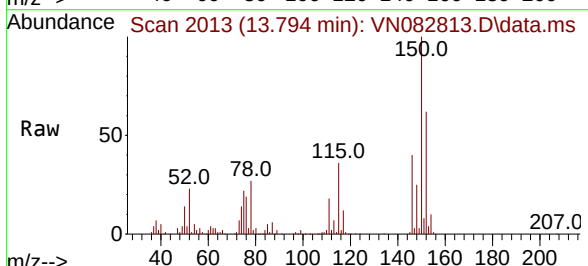
Tgt Ion:173 Resp: 161030
Ion Ratio Lower Upper
173 100
175 47.5 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

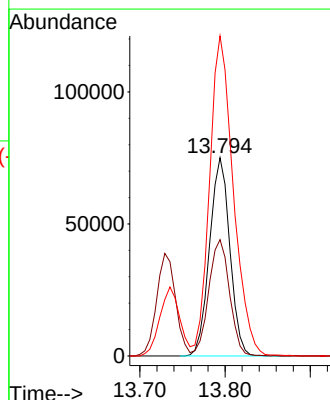
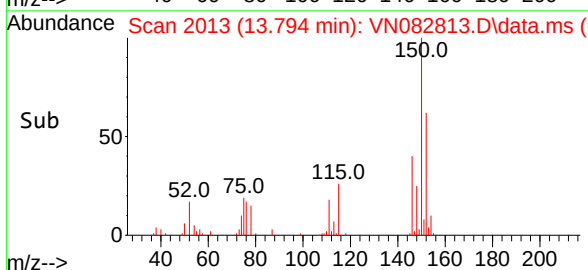
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

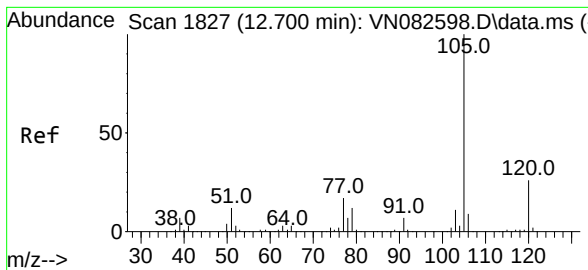


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45



Tgt Ion:152 Resp: 123895
Ion Ratio Lower Upper
152 100
115 60.3 30.6 91.6
150 189.4 0.0 348.6





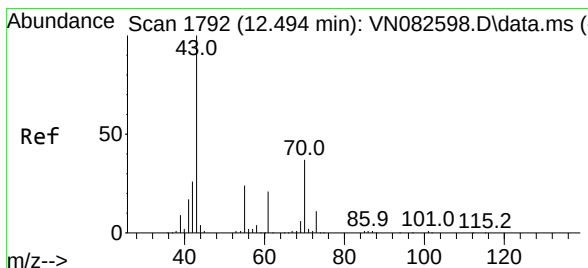
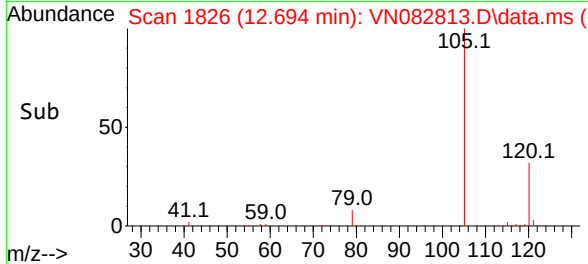
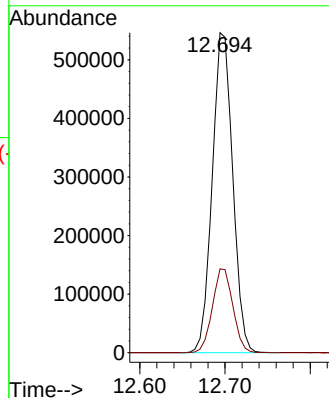
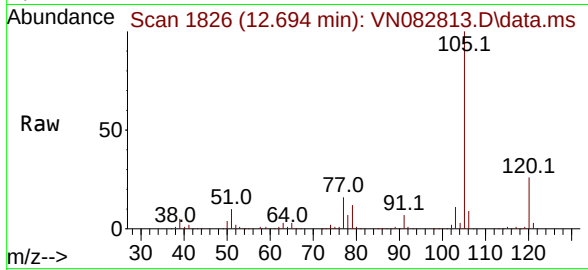
#73
Isopropylbenzene
Concen: 101.275 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 91175
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

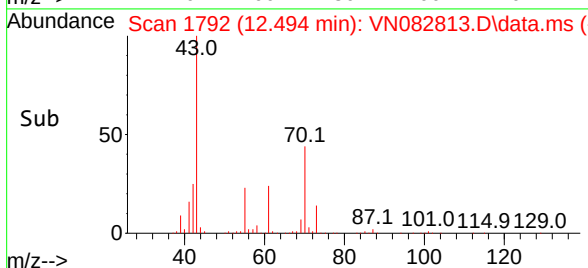
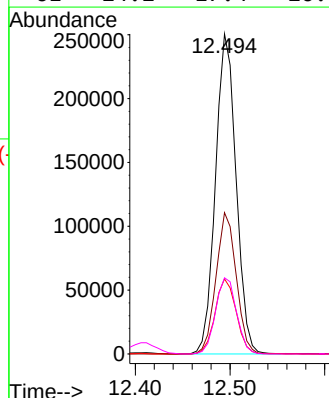
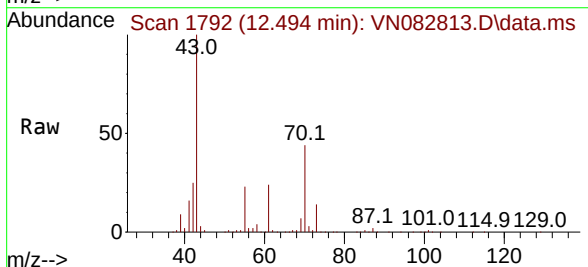
Manual Integrations
APPROVED

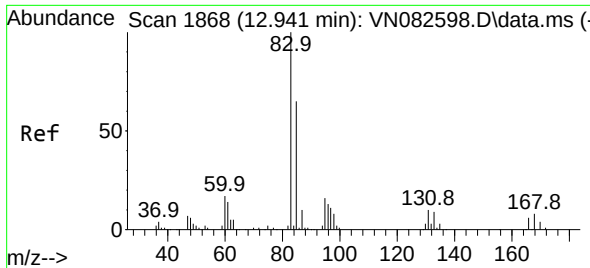
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#74
N-ethyl acetate
Concen: 101.653 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

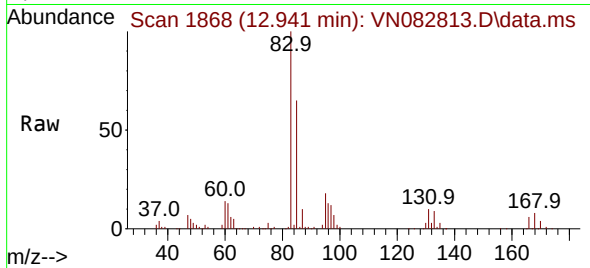
Tgt Ion: 43 Resp: 378542
Ion Ratio Lower Upper
43 100
70 43.4 29.8 44.6
55 24.1 18.7 28.1
61 24.2 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 89.278 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

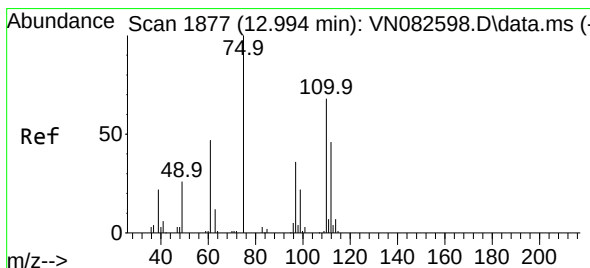
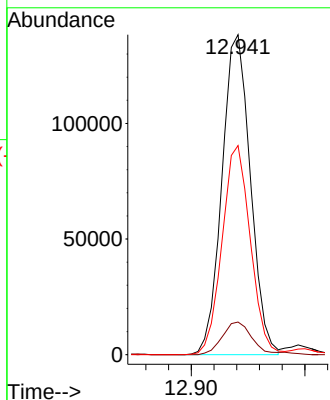
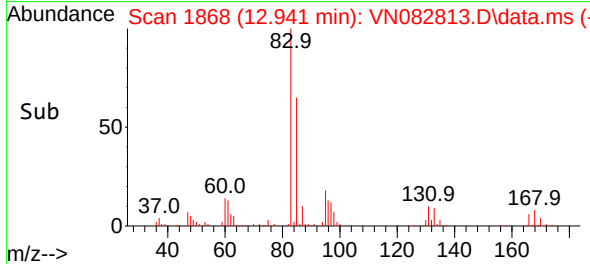
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 240715
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 65.0 31.9 95.7

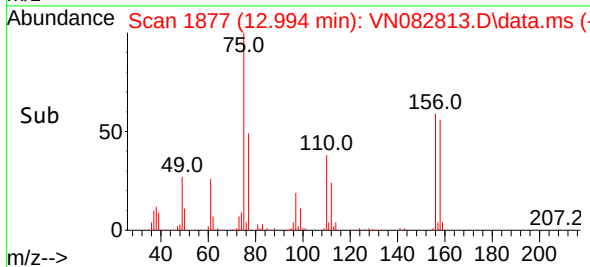
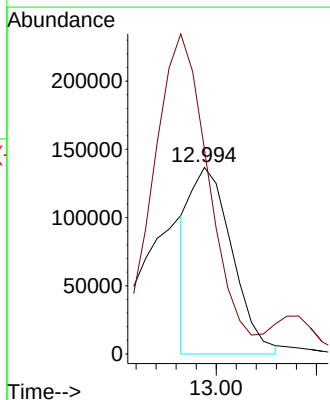
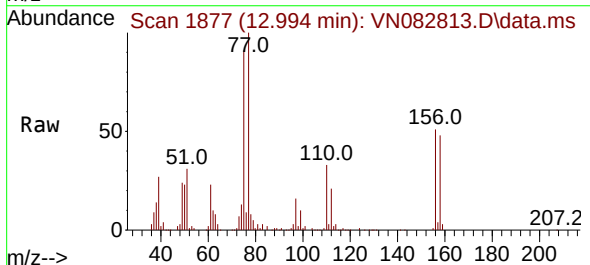
Manual Integrations
APPROVED

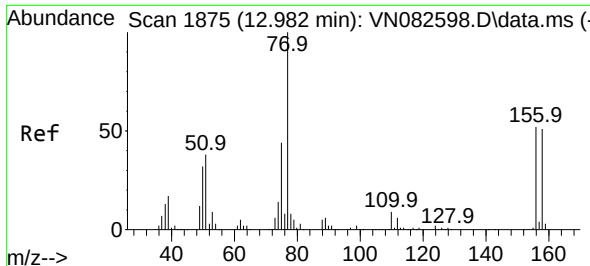
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#76
1,2,3-Trichloropropane
Concen: 81.041 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

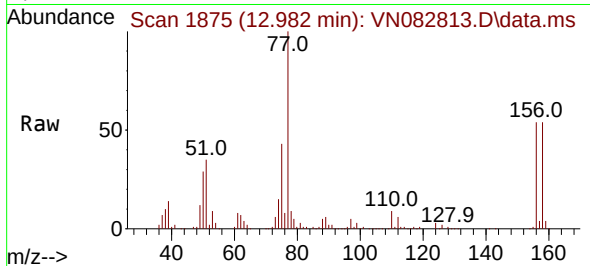
Tgt Ion: 75 Resp: 198609
Ion Ratio Lower Upper
75 100
77 230.2 110.9 332.6





#77
Bromobenzene
Concen: 95.590 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

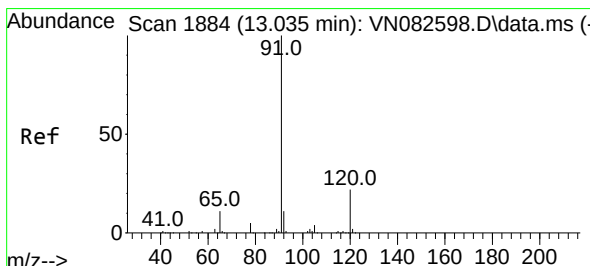
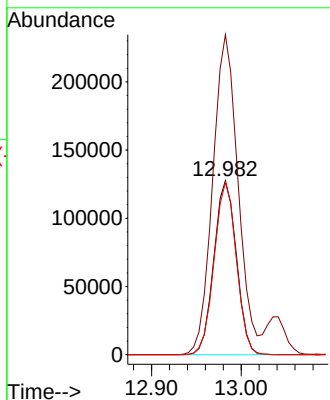
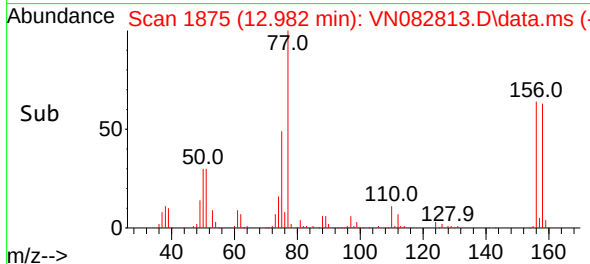
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:156 Resp: 222012
Ion Ratio Lower Upper
156 100
77 205.9 111.3 333.8
158 97.4 48.3 144.9

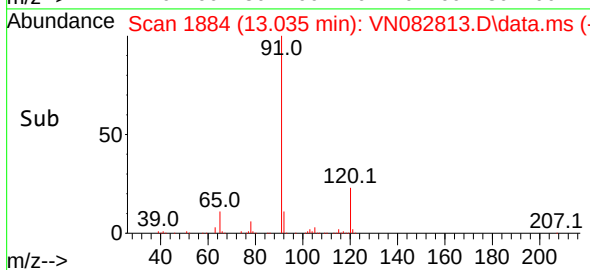
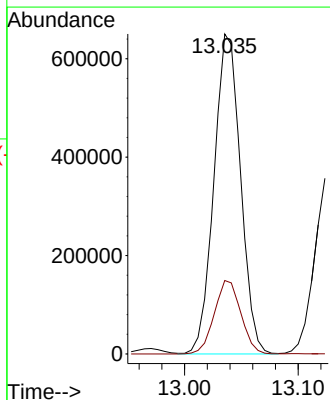
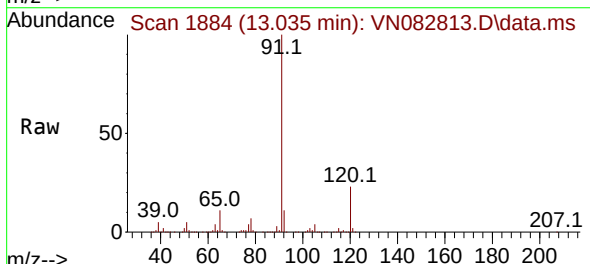
Manual Integrations
APPROVED

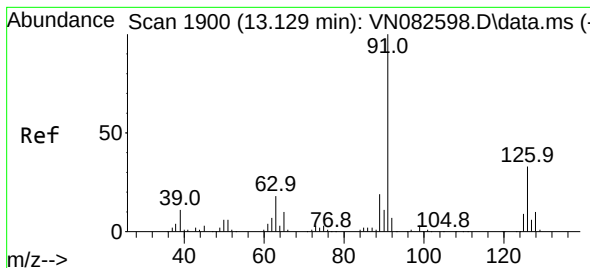
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#78
n-propylbenzene
Concen: 102.337 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion: 91 Resp: 1059303
Ion Ratio Lower Upper
91 100
120 22.9 10.9 32.9





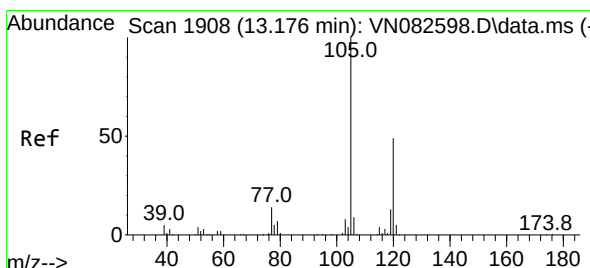
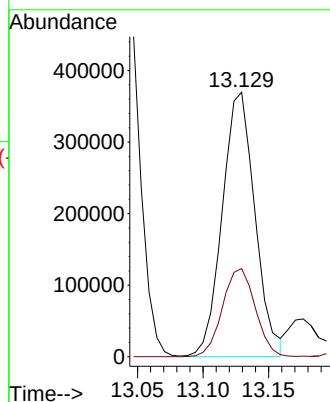
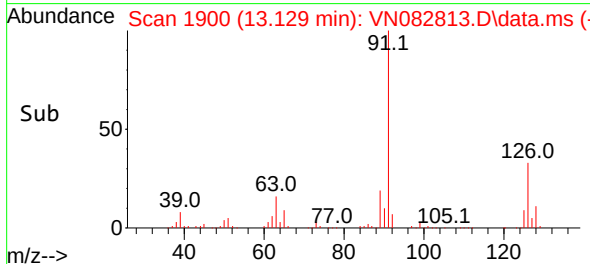
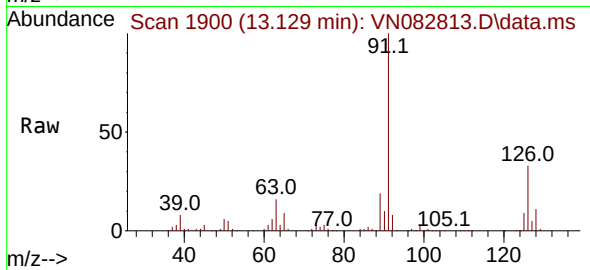
#79
2-Chlorotoluene
Concen: 97.219 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 641180
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6

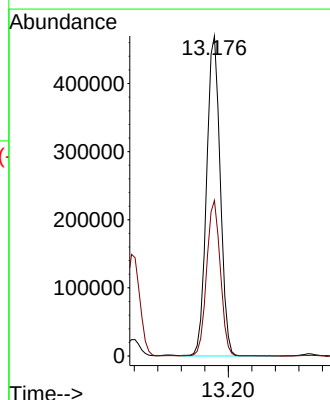
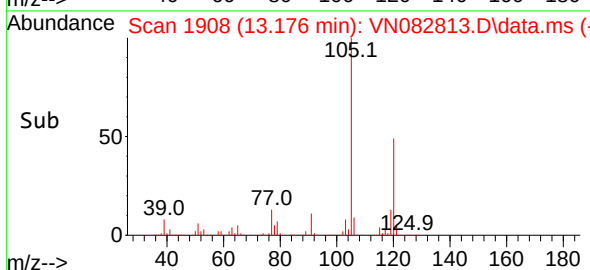
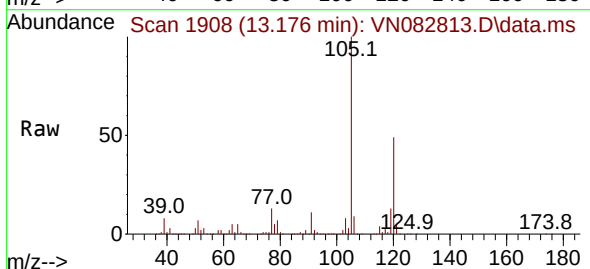
Manual Integrations
APPROVED

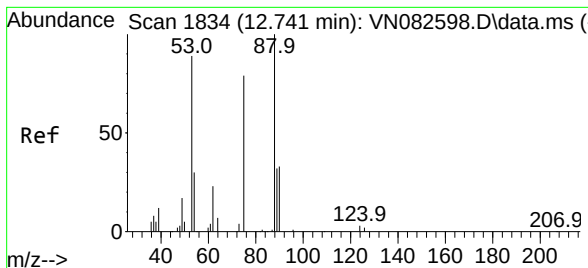
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#80
1,3,5-Trimethylbenzene
Concen: 103.937 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

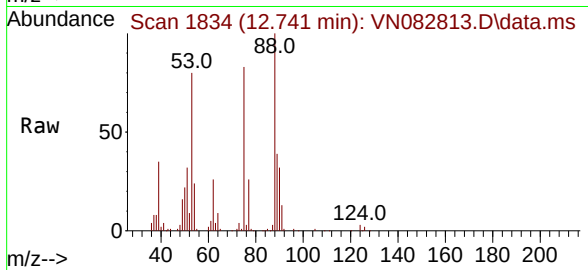
Tgt Ion:105 Resp: 756363
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 96.932 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

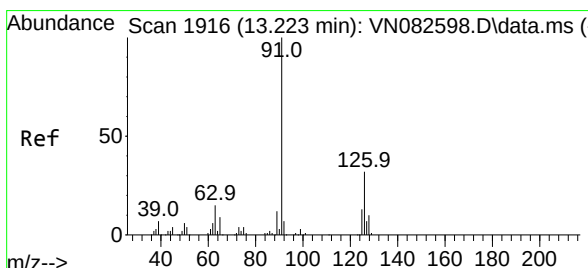
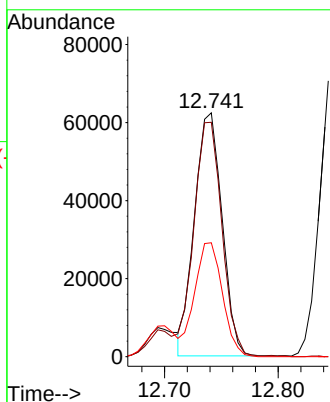
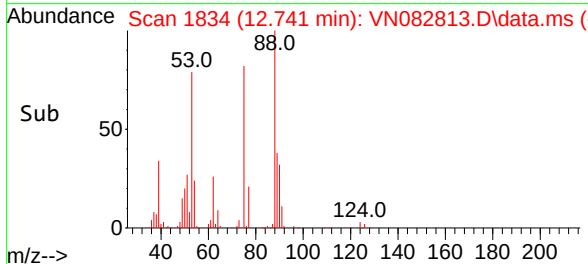
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 10527
Ion Ratio Lower Upper
75 100
53 98.9 88.4 132.6
89 47.5 36.3 54.5

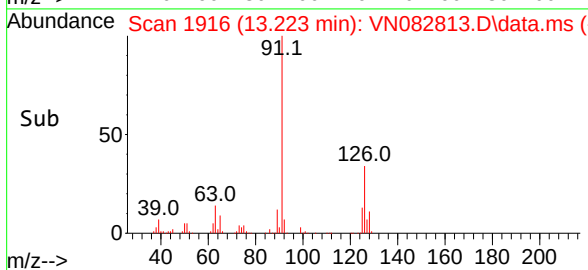
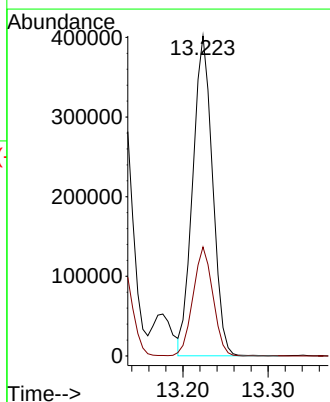
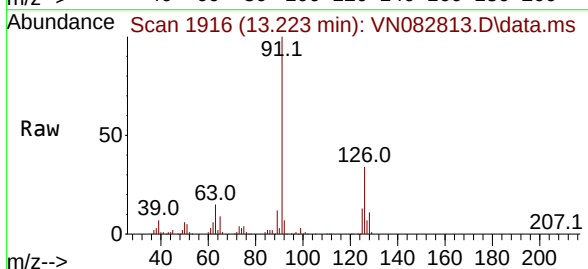
Manual Integrations
APPROVED

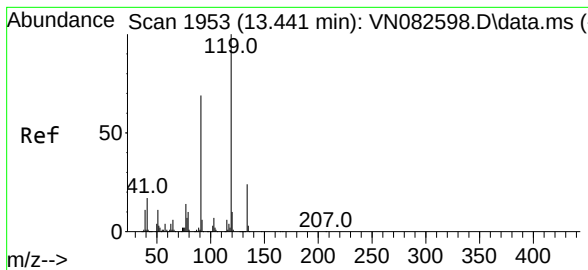
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#82
4-Chlorotoluene
Concen: 99.083 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion: 91 Resp: 646816
Ion Ratio Lower Upper
91 100
126 34.2 16.2 48.6





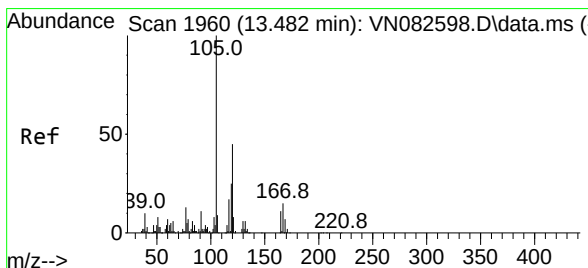
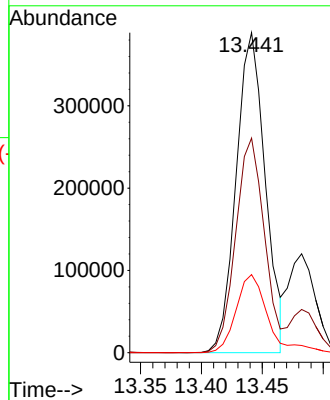
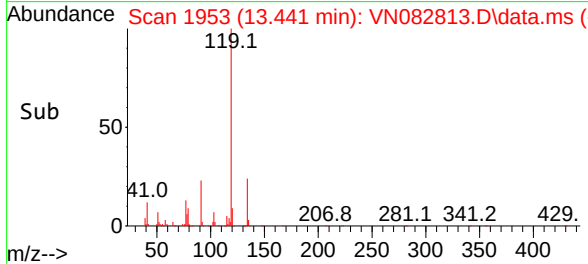
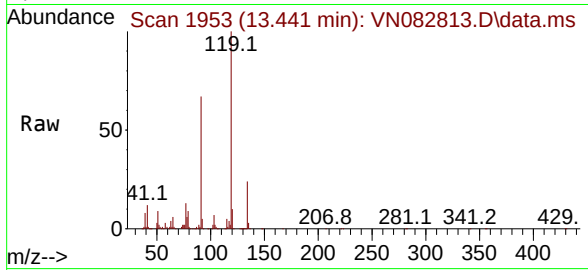
#83
tert-Butylbenzene
Concen: 100.344 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 647370
Ion Ratio Lower Upper
119 100
91 67.7 35.0 105.1
134 26.6 13.3 39.8

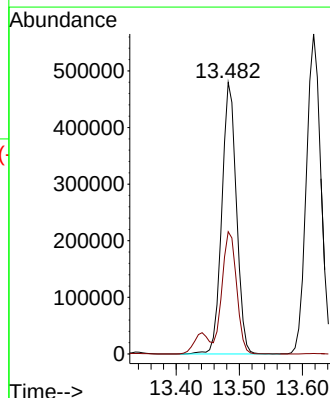
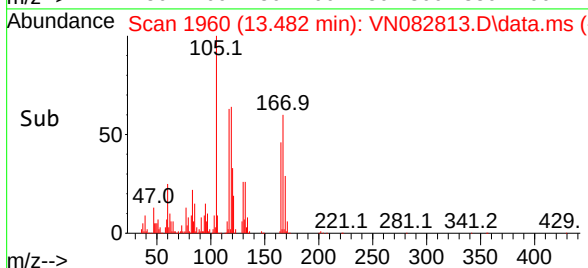
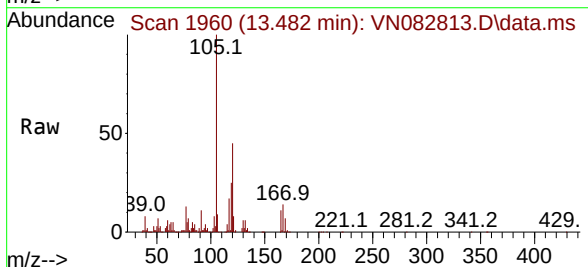
Manual Integrations
APPROVED

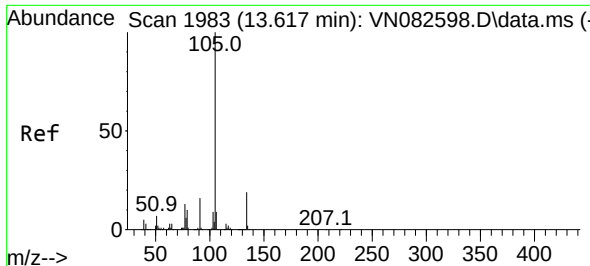
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024



#84
1,2,4-Trimethylbenzene
Concen: 103.879 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

Tgt Ion:105 Resp: 770478
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.8





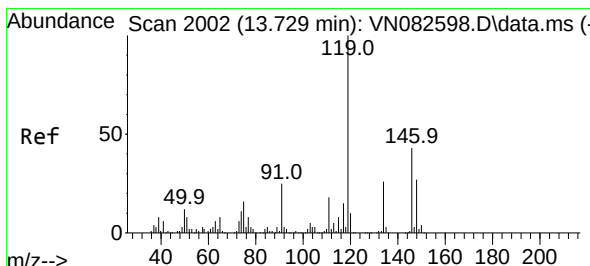
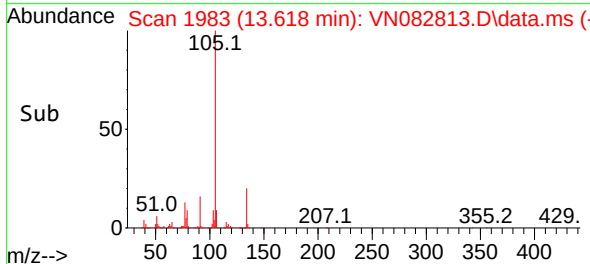
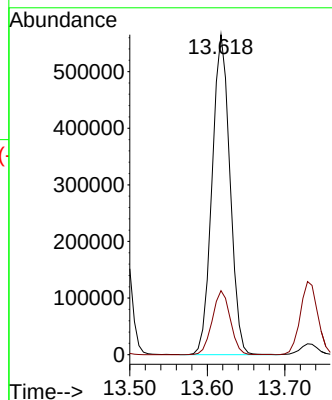
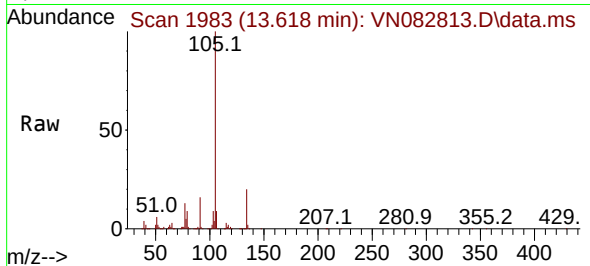
#85
 sec-Butylbenzene
 Concen: 103.717 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VN082813.D
 Acq: 08 Jul 2024 10:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 904225
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

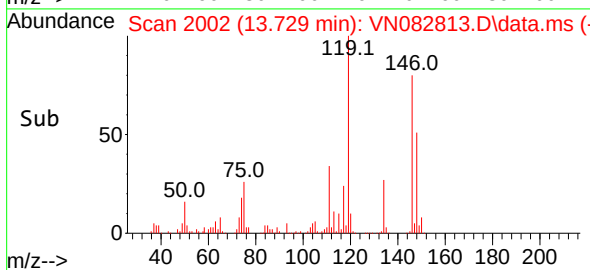
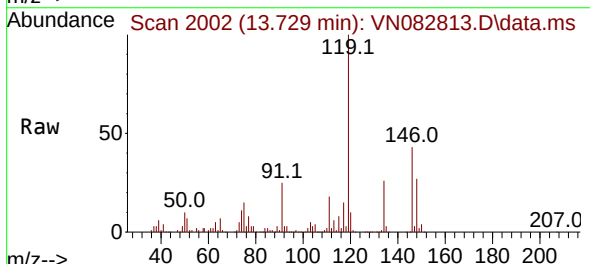
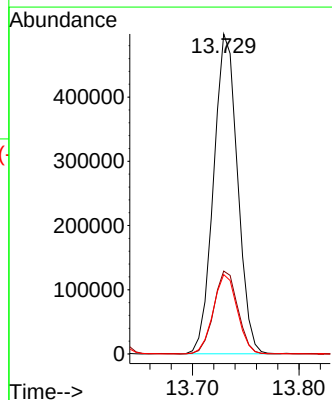
Manual Integrations
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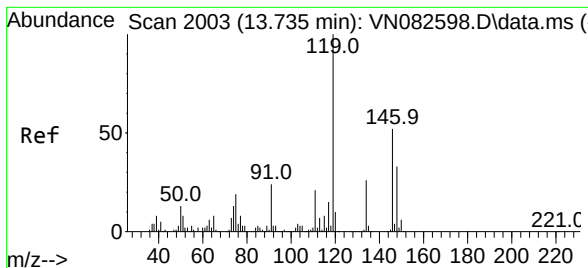
Reviewed By :John Carlone 07/08/2024
 Supervised By :Mahesh Dadoda 07/09/2024



#86
 p-Isopropyltoluene
 Concen: 106.762 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082813.D
 Acq: 08 Jul 2024 10:45

Tgt Ion:119 Resp: 776569
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 25.1 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 98.356 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082813.D

Acq: 08 Jul 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 412668

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

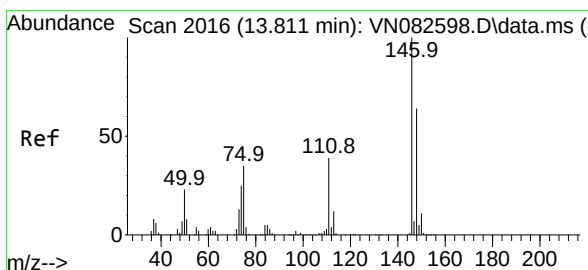
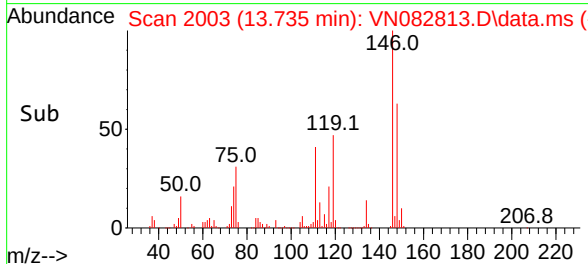
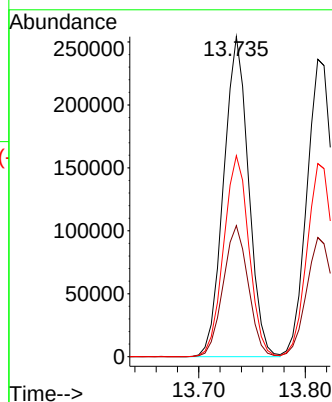
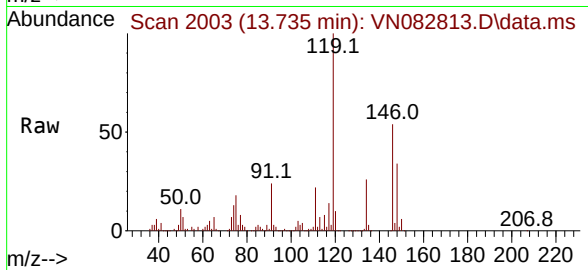
148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#88

1,4-Dichlorobenzene

Concen: 96.136 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.001 min

Lab File: VN082813.D

Acq: 08 Jul 2024 10:45

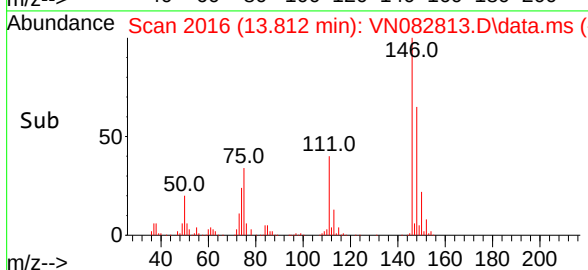
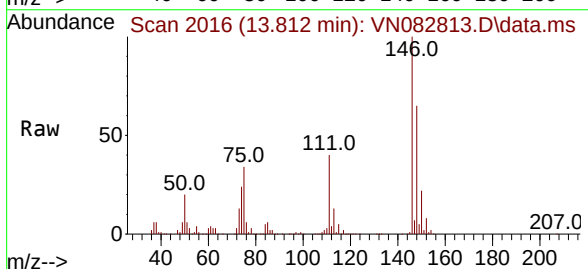
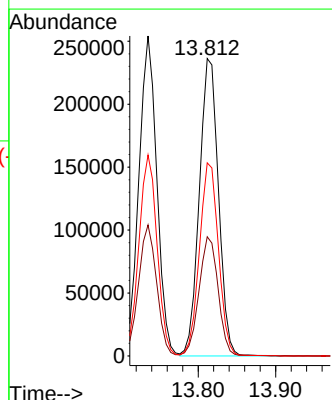
Tgt Ion:146 Resp: 404769

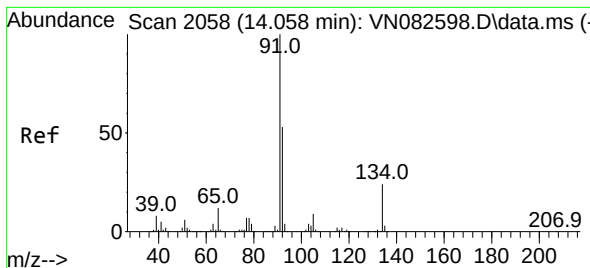
Ion Ratio Lower Upper

146 100

111 40.3 20.1 60.3

148 64.7 32.2 96.6





#89

n-Butylbenzene

Concen: 106.980 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082813.D

Acq: 08 Jul 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

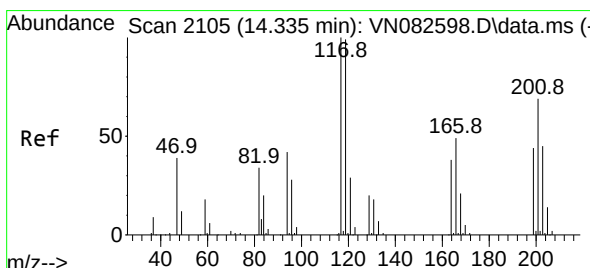
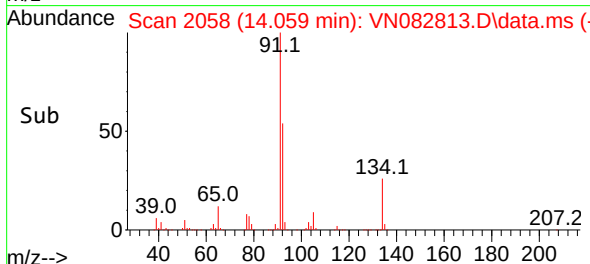
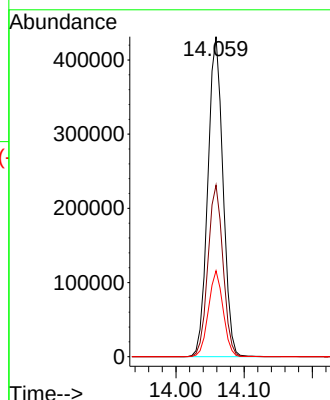
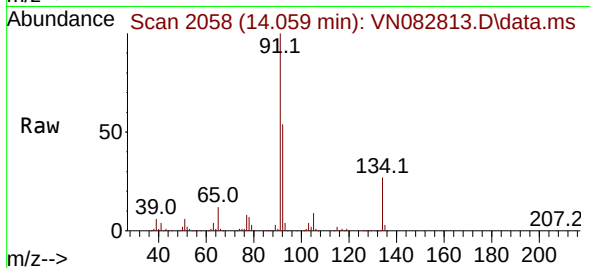
Tgt Ion: 91	Resp: 66666
Ion Ratio	Lower Upper
91	100
92	53.3 26.1 78.3
134	26.0 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#90

Hexachloroethane

Concen: 97.123 ug/l

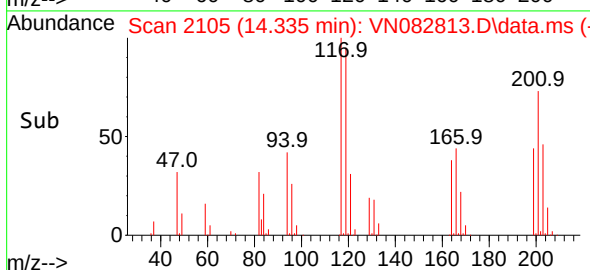
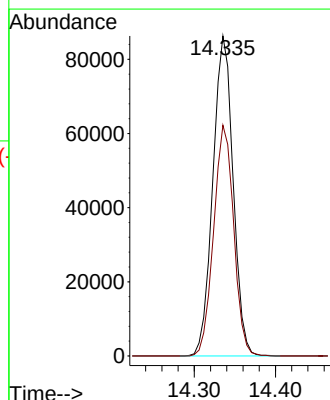
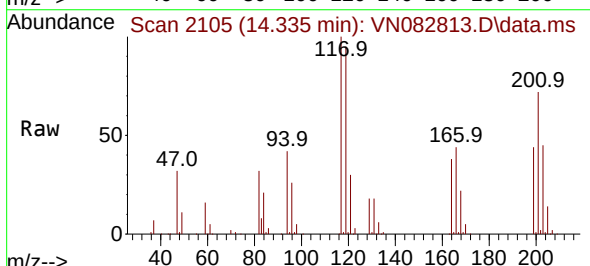
RT: 14.335 min Scan# 2105

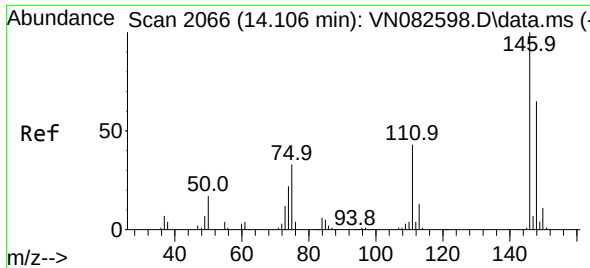
Delta R.T. 0.000 min

Lab File: VN082813.D

Acq: 08 Jul 2024 10:45

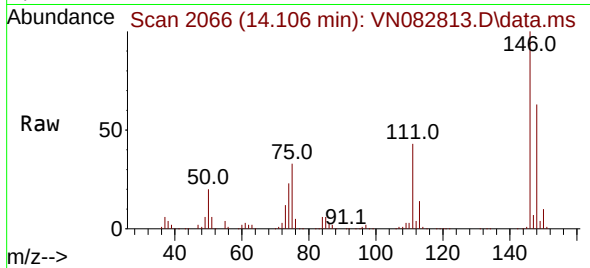
Tgt Ion:117	Resp: 149483
Ion Ratio	Lower Upper
117	100
201	71.4 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 93.902 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45

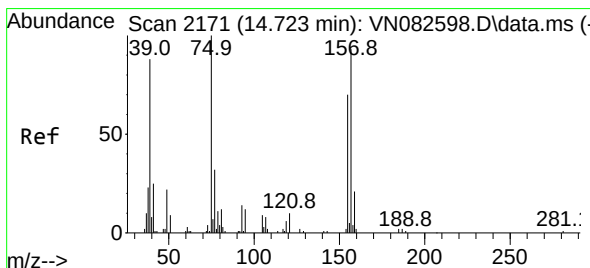
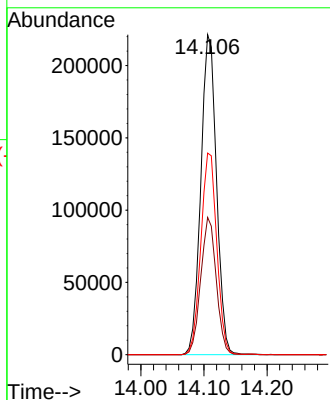
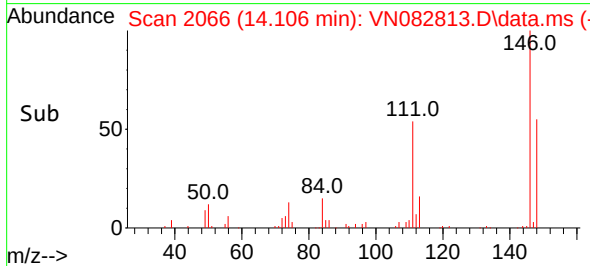
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



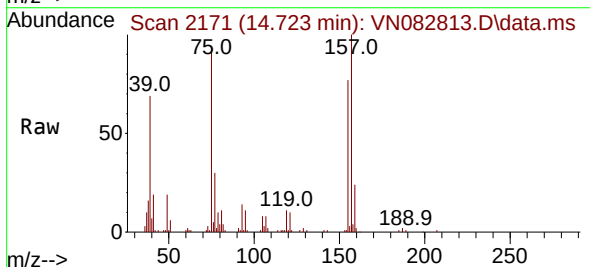
Tgt Ion:146 Resp: 382528
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.2
148 63.9 32.1 96.5

Manual Integrations
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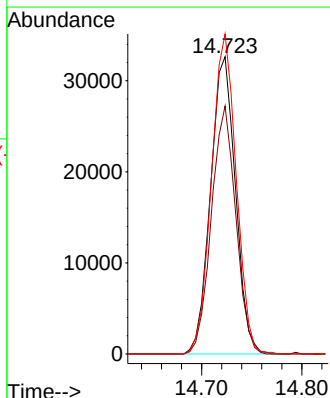
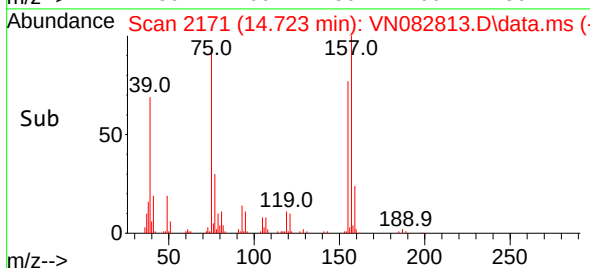
Reviewed By :John Carlone 07/08/2024
Supervised By :Mahesh Dadoda 07/09/2024

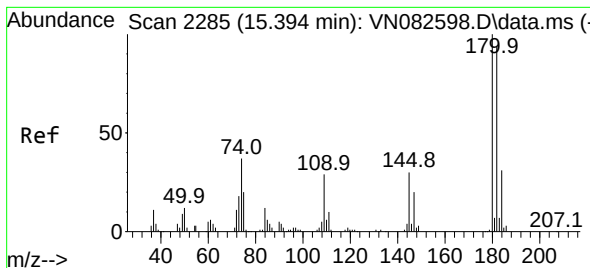


#92
1,2-Dibromo-3-Chloropropane
Concen: 90.185 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082813.D
Acq: 08 Jul 2024 10:45



Tgt Ion: 75 Resp: 56255
Ion Ratio Lower Upper
75 100
155 81.6 36.6 109.8
157 106.6 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 102.700 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN082813.D

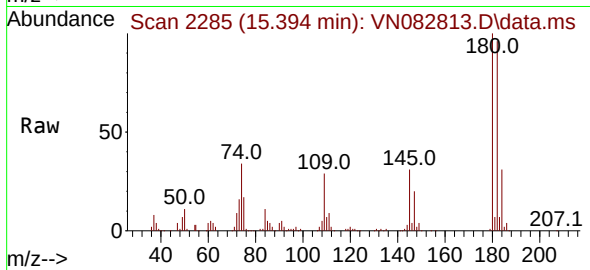
Acq: 08 Jul 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion:180 Resp: 225354

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.8

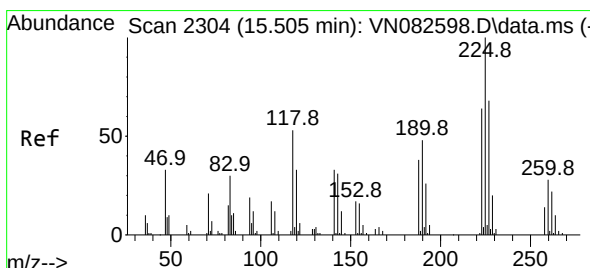
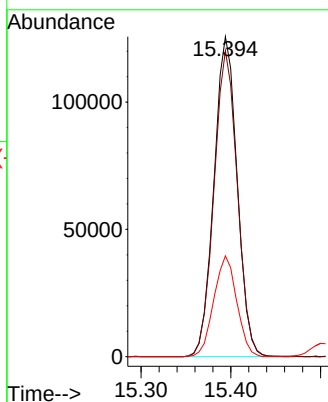
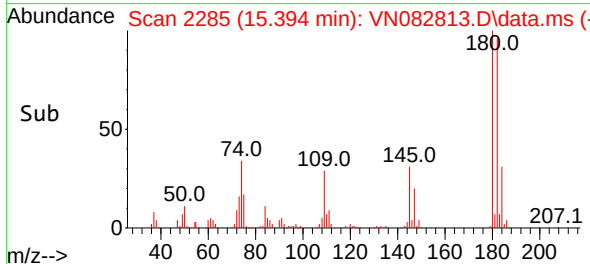
145 31.2 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#94

Hexachlorobutadiene

Concen: 95.406 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.001 min

Lab File: VN082813.D

Acq: 08 Jul 2024 10:45

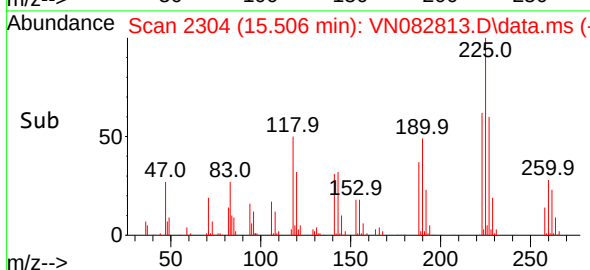
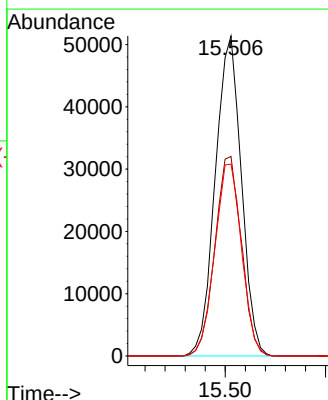
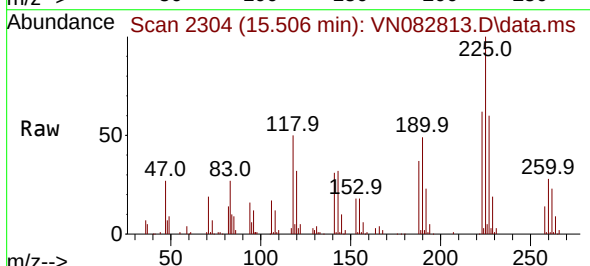
Tgt Ion:225 Resp: 92807

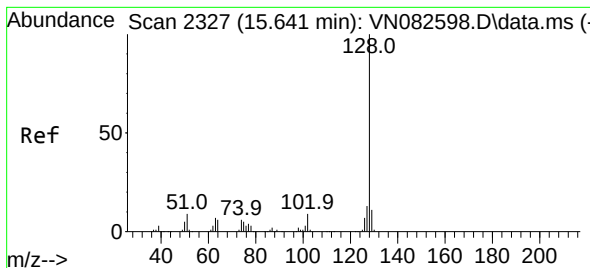
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.7

227 62.0 32.5 97.5





#95

Naphthalene

Concen: 100.957 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082813.D

Acq: 08 Jul 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 75875

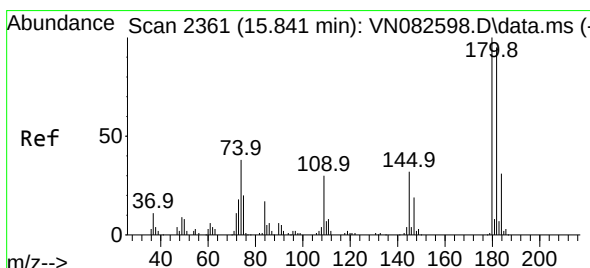
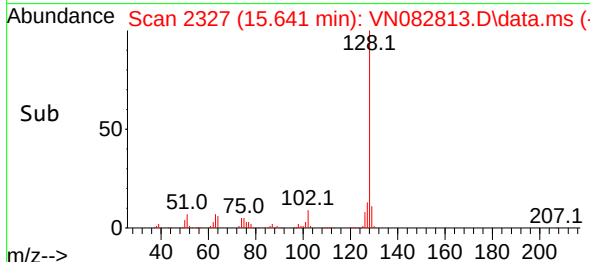
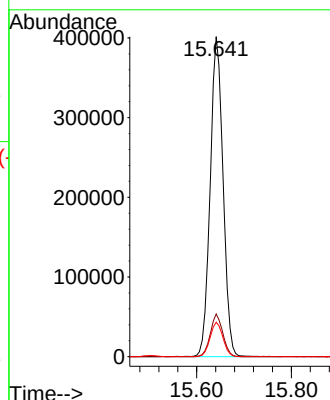
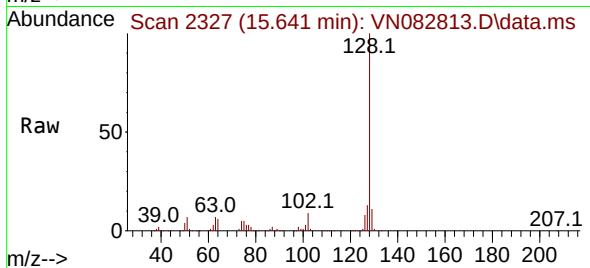
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2024

Supervised By :Mahesh Dadoda 07/09/2024



#96

1,2,3-Trichlorobenzene

Concen: 98.769 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082813.D

Acq: 08 Jul 2024 10:45

Tgt Ion:180 Resp: 222840

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.9	146.8
145	33.2	16.8	50.4

