

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080782.D
 Acq On : 29 Jan 2024 10:37
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/30/2024

Quant Time: Jan 29 11:00:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 10:57:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	258472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	51766	20.202	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.400%#		
35) Dibromofluoromethane	8.165	113	37367	22.040	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	44.080%#		
50) Toluene-d8	10.565	98	150083	23.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	46.440%#		
62) 4-Bromofluorobenzene	12.847	95	50744	20.469	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.940%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	47143	19.887	ug/l	97
3) Chloromethane	2.359	50	63978	20.414	ug/l	97
4) Vinyl Chloride	2.512	62	47989	22.312	ug/l	94
5) Bromomethane	2.953	94	19879	24.317	ug/l	90
6) Chloroethane	3.118	64	26625	20.245	ug/l	98
7) Trichlorofluoromethane	3.494	101	62596	17.624	ug/l	90
8) Diethyl Ether	3.953	74	31687	20.414	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	37269	19.252	ug/l	98
10) Methyl Iodide	4.583	142	33310	20.577	ug/l #	87
11) Tert butyl alcohol	5.518	59	43859	101.209	ug/l	98
12) 1,1-Dichloroethene	4.341	96	40946	18.795	ug/l	93
13) Acrolein	4.183	56	51884	143.291	ug/l	97
14) Allyl chloride	5.018	41	81007	18.758	ug/l	98
15) Acrylonitrile	5.712	53	127042	112.264	ug/l	100
16) Acetone	4.424	43	93462	111.098	ug/l	95
17) Carbon Disulfide	4.706	76	126951	19.053	ug/l	97
18) Methyl Acetate	5.024	43	69417	27.710	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	146137	19.467	ug/l	96
20) Methylene Chloride	5.277	84	47325	19.270	ug/l #	91
21) trans-1,2-Dichloroethene	5.788	96	43859	19.848	ug/l	92
22) Diisopropyl ether	6.671	45	179607	22.055	ug/l	97
23) Vinyl Acetate	6.606	43	700199	105.642	ug/l	99
24) 1,1-Dichloroethane	6.565	63	90637	20.333	ug/l	98
25) 2-Butanone	7.482	43	173794	114.290	ug/l	97
26) 2,2-Dichloropropane	7.488	77	73616	18.883	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	50832	20.867	ug/l	97
28) Bromochloromethane	7.818	49	52879	25.374	ug/l	100
29) Tetrahydrofuran	7.835	42	114616	111.826	ug/l	98
30) Chloroform	7.971	83	82090	19.643	ug/l	93
31) Cyclohexane	8.259	56	83452	21.080	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	67581	18.167	ug/l	95
36) 1,1-Dichloropropene	8.377	75	64004	18.430	ug/l	97
37) Ethyl Acetate	7.559	43	68694	20.398	ug/l	98
38) Carbon Tetrachloride	8.365	117	53527	17.166	ug/l	95
39) Methylcyclohexane	9.600	83	66910	20.133	ug/l	91
40) Benzene	8.606	78	200734	20.561	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	40488	20.727	ug/l	96
42) 1,2-Dichloroethane	8.665	62	67828	18.147	ug/l	98
43) Isopropyl Acetate	8.688	43	128695	20.790	ug/l	100
44) Trichloroethene	9.347	130	41207	18.644	ug/l	94
45) 1,2-Dichloropropane	9.623	63	55056	21.271	ug/l	92
46) Dibromomethane	9.712	93	32521	19.859	ug/l	95
47) Bromodichloromethane	9.888	83	63337	17.426	ug/l	96
48) Methyl methacrylate	9.682	41	56984	19.443	ug/l	99
49) 1,4-Dioxane	9.694	88	16241	444.747	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	364171	109.048	ug/l	100
52) Toluene	10.629	92	115897	20.719	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	77512	19.213	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	86446	20.206	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	43743	20.317	ug/l	95
56) Ethyl methacrylate	10.876	69	74775	19.390	ug/l	98
57) 1,3-Dichloropropane	11.165	76	83161	21.157	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	199676	108.104	ug/l	99
59) 2-Hexanone	11.194	43	274156	111.206	ug/l	100
60) Dibromochloromethane	11.359	129	38668	17.475	ug/l	96
61) 1,2-Dibromoethane	11.470	107	41961	19.826	ug/l	100
64) Tetrachloroethene	11.106	164	33169	18.687	ug/l	87
65) Chlorobenzene	11.894	112	108729	19.254	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	38024	18.965	ug/l	96
67) Ethyl Benzene	11.965	91	204452	18.960	ug/l	97
68) m/p-Xylenes	12.070	106	148829	39.258	ug/l	98
69) o-Xylene	12.400	106	72544	19.571	ug/l	98
70) Styrene	12.417	104	122764	19.504	ug/l	98
71) Bromoform	12.576	173	25864	18.751	ug/l #	100
73) Isopropylbenzene	12.694	105	174907	19.201	ug/l	99
74) N-amyl acetate	12.494	43	111184	20.338	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	59861	20.033	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	55248m	18.703	ug/l	
77) Bromobenzene	12.982	156	36903	19.073	ug/l	94
78) n-propylbenzene	13.035	91	214531	19.198	ug/l	99
79) 2-Chlorotoluene	13.129	91	131309	18.336	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	141344	18.618	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23834	19.021	ug/l #	76
82) 4-Chlorotoluene	13.223	91	132287	18.842	ug/l	96
83) tert-Butylbenzene	13.441	119	112487	18.534	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	142645	19.108	ug/l	99
85) sec-Butylbenzene	13.617	105	167869	19.467	ug/l	98
86) p-Isopropyltoluene	13.729	119	133656	19.625	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	66017	19.103	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	65415	18.581	ug/l	96
89) n-Butylbenzene	14.059	91	125116	19.059	ug/l	100
90) Hexachloroethane	14.335	117	22652	17.935	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	60842	18.683	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11274	15.156	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	31516	18.583	ug/l	98
94) Hexachlorobutadiene	15.505	225	13387	16.448	ug/l	94
95) Naphthalene	15.647	128	124029	18.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	30950	18.853	ug/l	98

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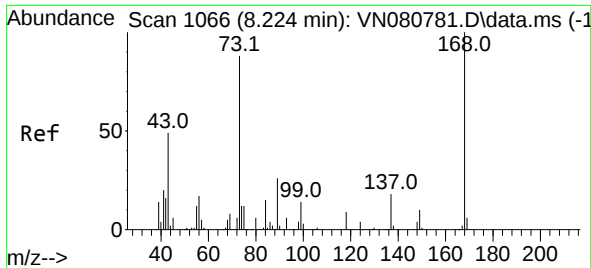
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/30/2024

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Quant Title : SW846 8260
QLast Update : Mon Jan 29 10:57:05 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



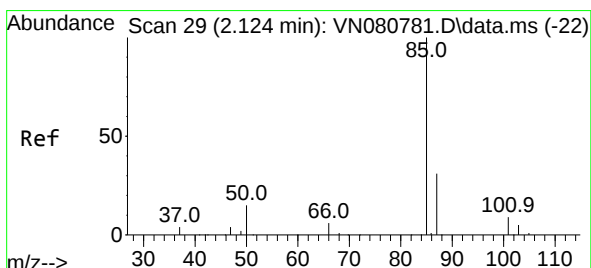
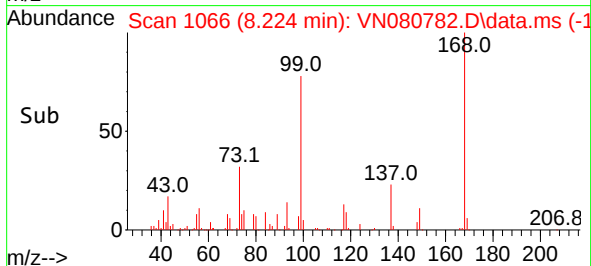
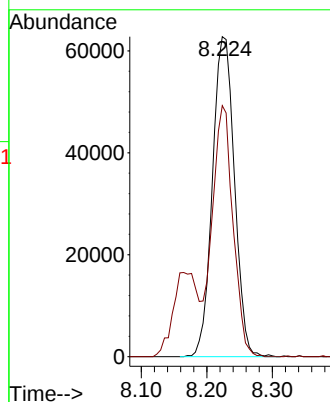
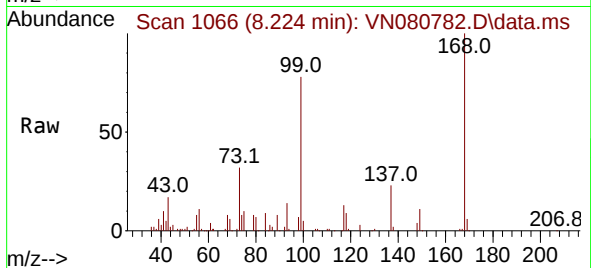
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080782.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 145915
Ion Ratio Lower Upper
168 100
99 78.4 59.9 89.9

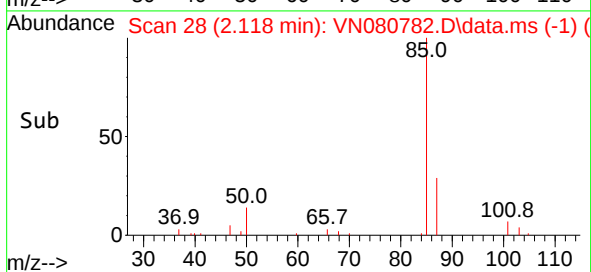
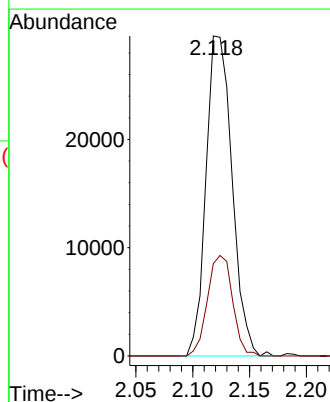
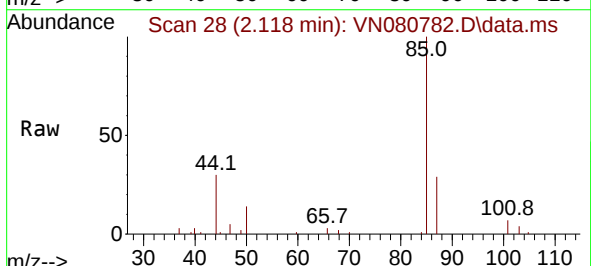
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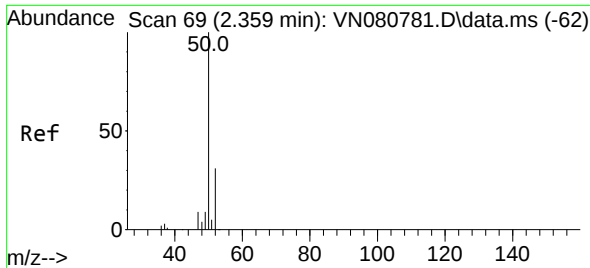
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#2
Dichlorodifluoromethane
Concen: 19.887 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

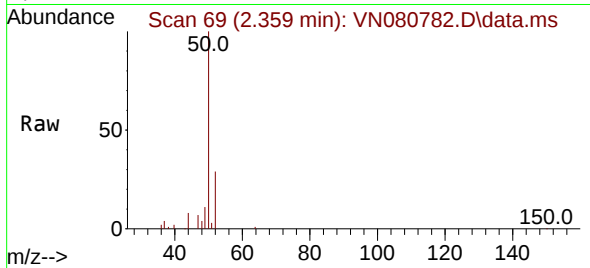
Tgt Ion: 85 Resp: 47143
Ion Ratio Lower Upper
85 100
87 28.9 15.3 45.9





#3
Chloromethane
Concen: 20.414 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

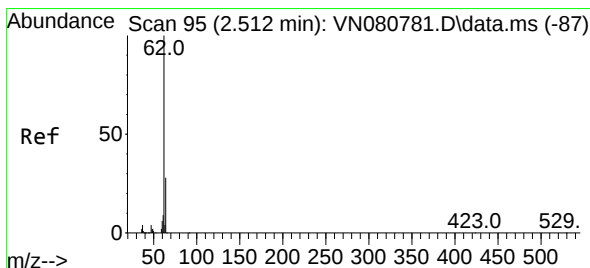
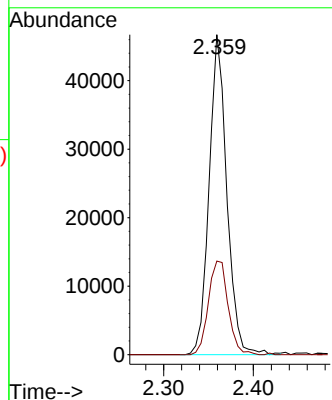
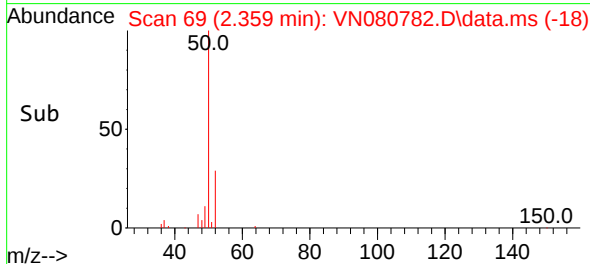
Instrument :
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ClientSampleId :
VSTDIC020



Tgt Ion: 50 Resp: 63978
Ion Ratio Lower Upper
50 100
52 29.3 25.0 37.4

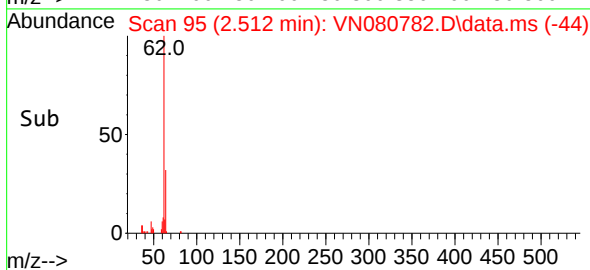
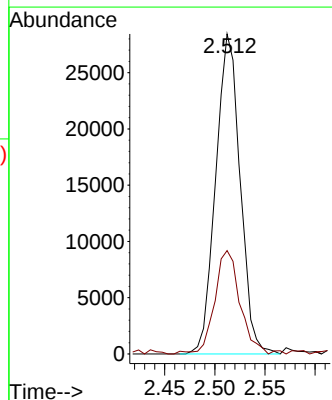
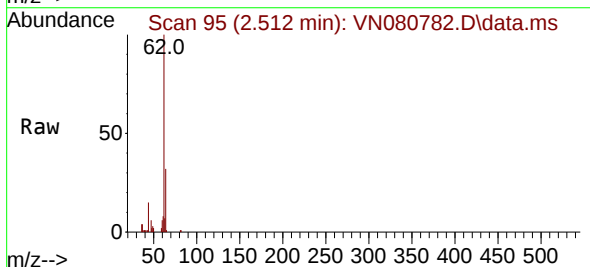
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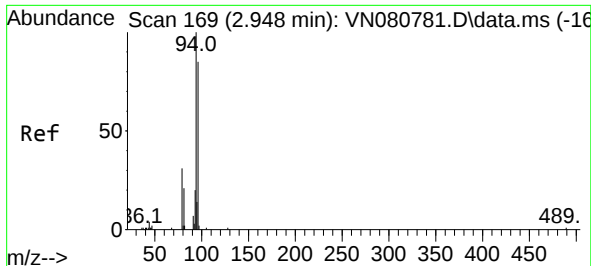
Reviewed By :John Carlone 01/29/2024
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#4
Vinyl Chloride
Concen: 22.312 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080782.D
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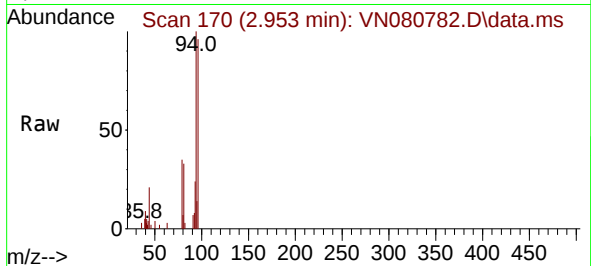
Tgt Ion: 62 Resp: 47989
Ion Ratio Lower Upper
62 100
64 31.5 22.7 34.1





#5
Bromomethane
Concen: 24.317 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080782.D
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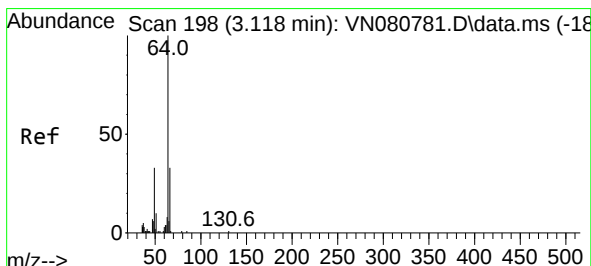
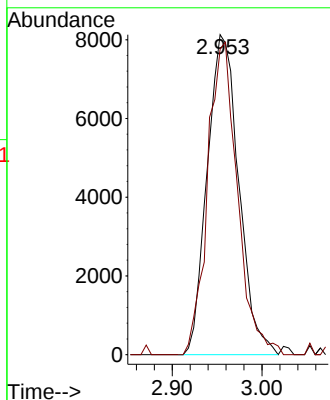
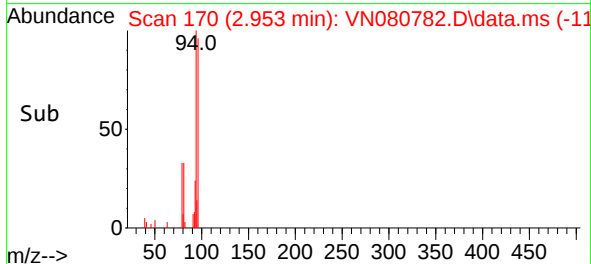
Instrument :
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Tgt Ion: 94 Resp: 19879
Ion Ratio Lower Upper
94 100
96 95.5 69.2 103.8

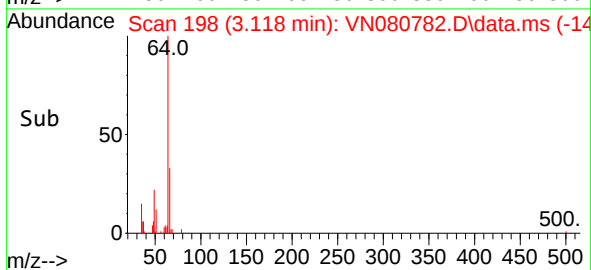
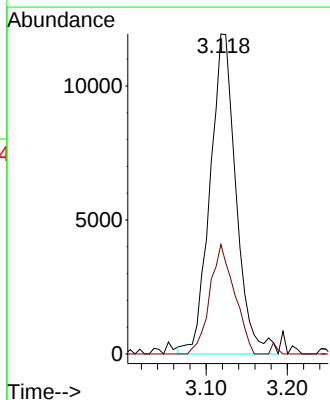
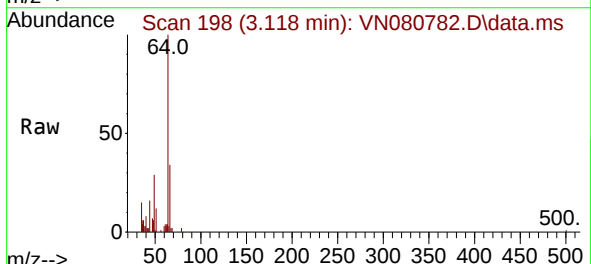
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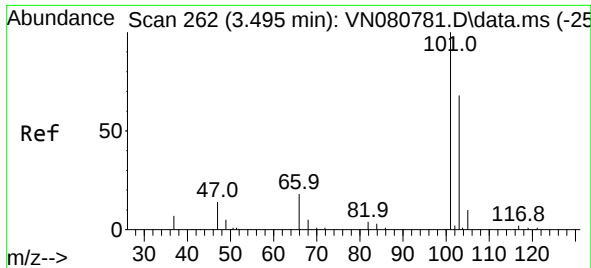
Reviewed By :John Carlone 01/29/2024
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#6
Chloroethane
Concen: 20.245 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 26625
Ion Ratio Lower Upper
64 100
66 34.2 26.4 39.6





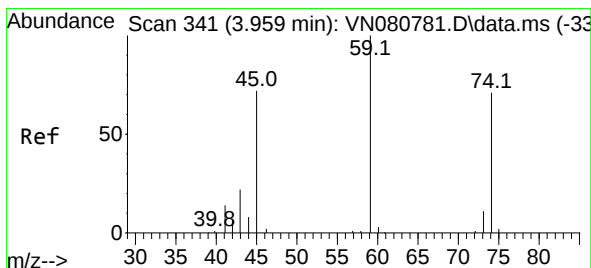
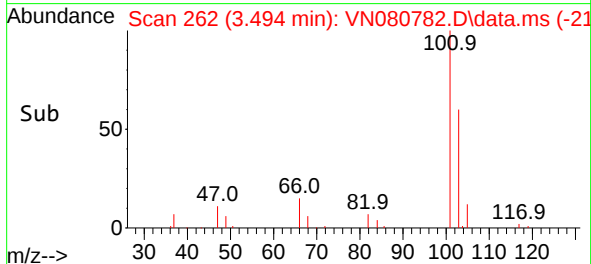
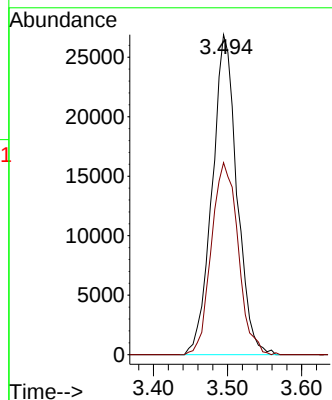
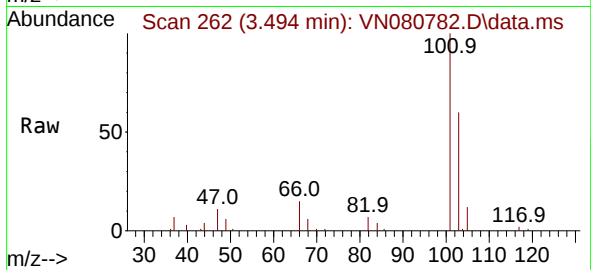
#7
Trichlorofluoromethane
Concen: 17.624 ug/l
RT: 3.494 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080782.D
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Instrument :
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ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 62590
Ion Ratio Lower Upper
101 100
103 60.0 54.4 81.6

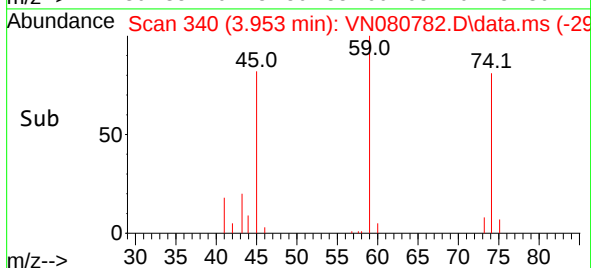
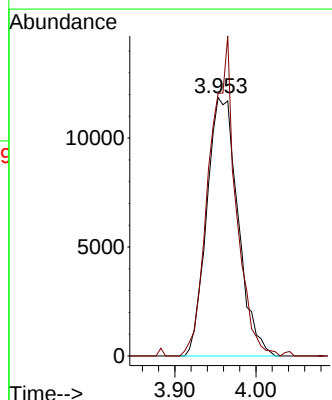
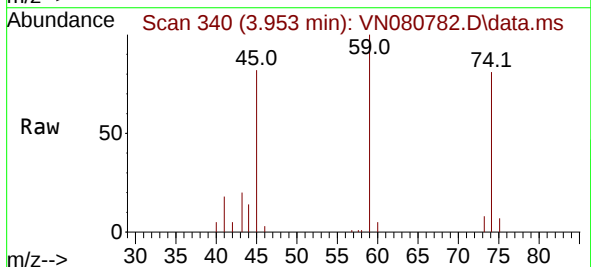
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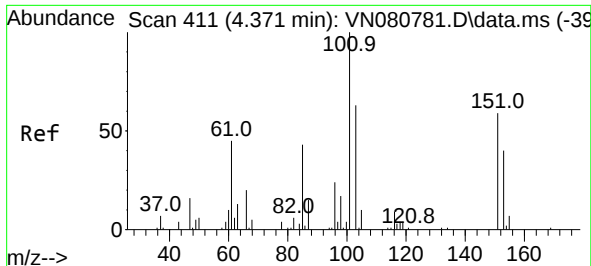
Reviewed By :John Carlone 01/29/2024
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#8
Diethyl Ether
Concen: 20.414 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Tgt Ion: 74 Resp: 31687
Ion Ratio Lower Upper
74 100
45 104.2 53.3 159.9





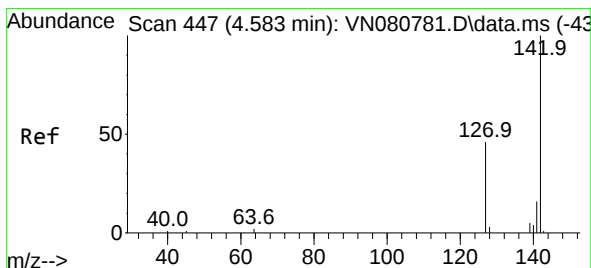
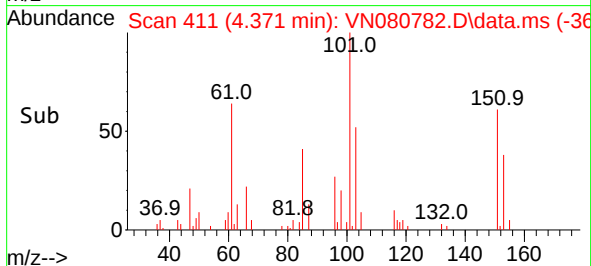
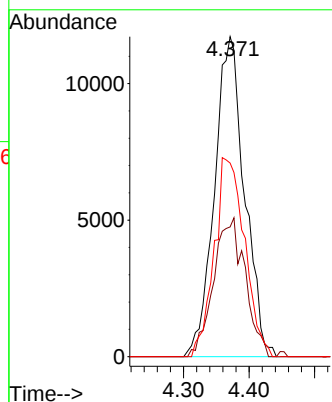
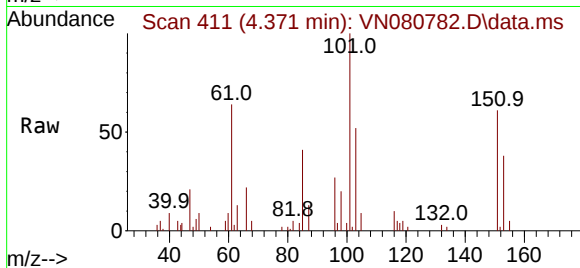
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.252 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 37269
Ion Ratio Lower Upper
101 100
85 45.6 38.1 57.1
151 62.9 49.1 73.7

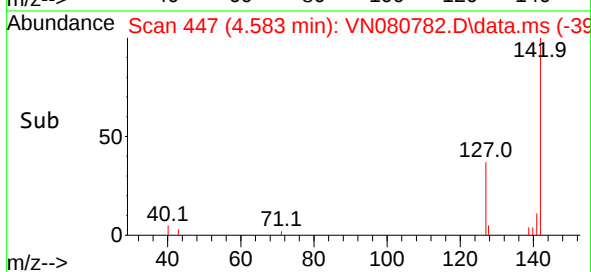
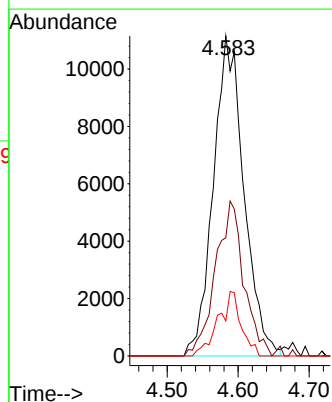
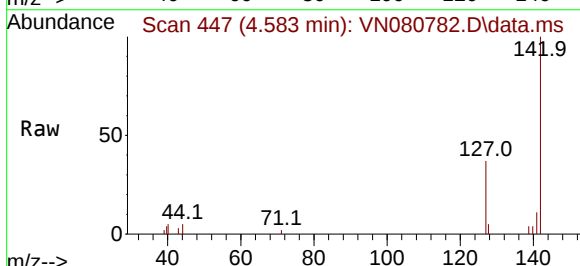
Manual Integrations
APPROVED

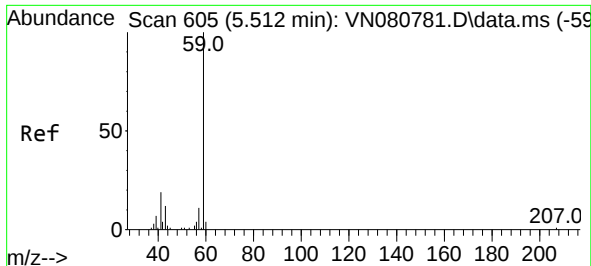
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#10
Methyl Iodide
Concen: 20.577 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

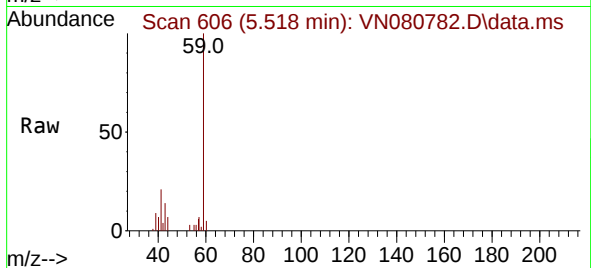
Tgt Ion:142 Resp: 33310
Ion Ratio Lower Upper
142 100
127 37.0 37.0 55.4
141 10.9 12.5 18.7#





#11
Tert butyl alcohol
Concen: 101.209 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

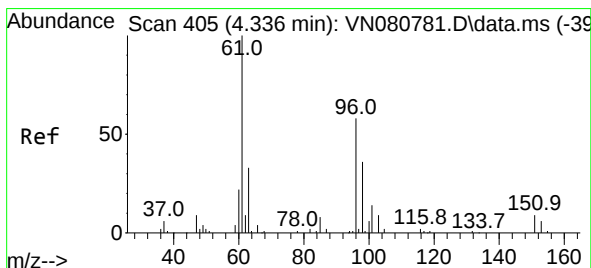
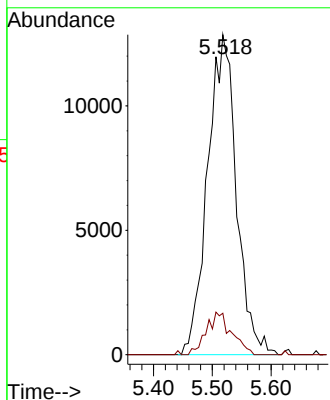
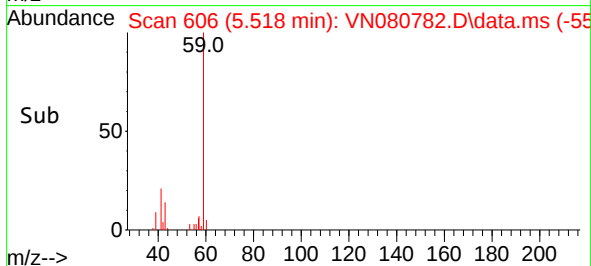
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



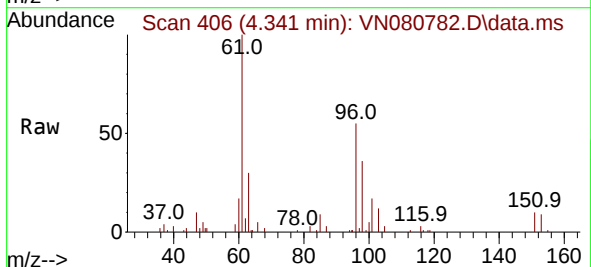
Tgt Ion: 59 Resp: 43859
Ion Ratio Lower Upper
59 100
57 11.6 8.6 12.8

Manual Integrations
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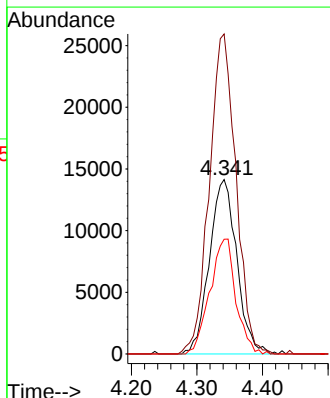
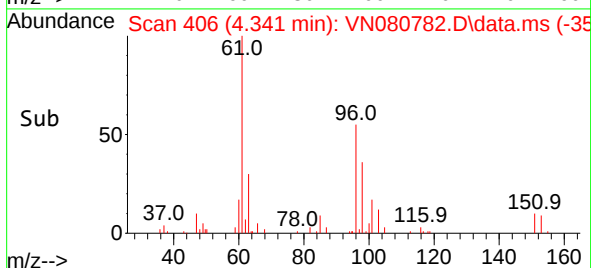
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

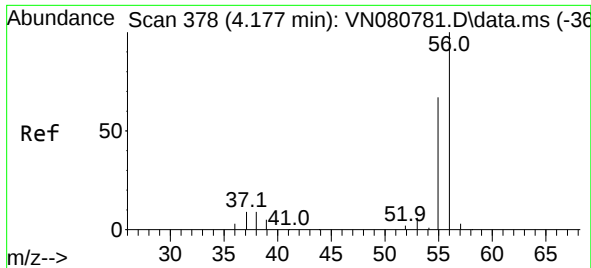


#12
1,1-Dichloroethene
Concen: 18.795 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37



Tgt Ion: 96 Resp: 40946
Ion Ratio Lower Upper
96 100
61 183.5 138.2 207.4
98 65.8 49.2 73.8





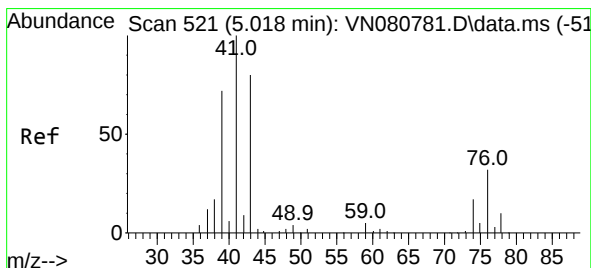
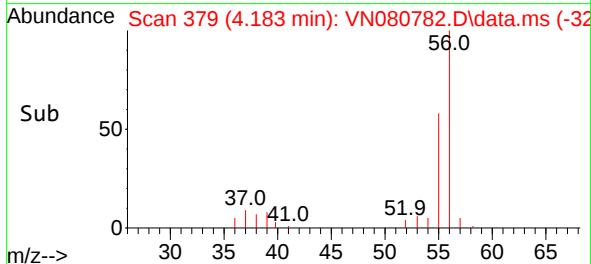
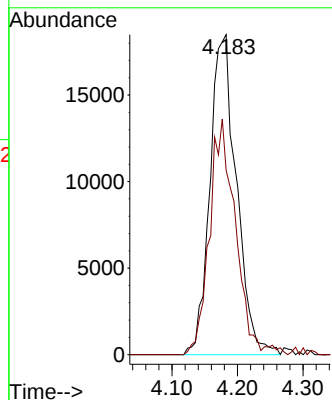
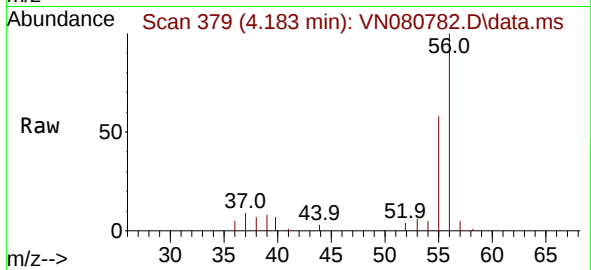
#13
Acrolein
Concen: 143.291 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 51884
Ion Ratio Lower Upper
56 100
55 71.3 55.3 82.9

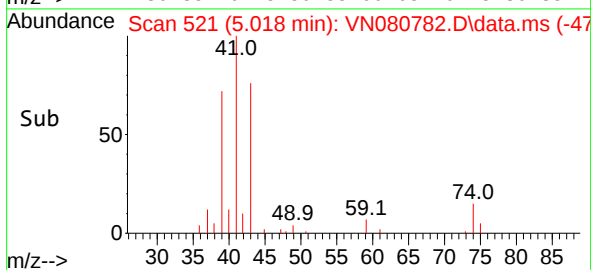
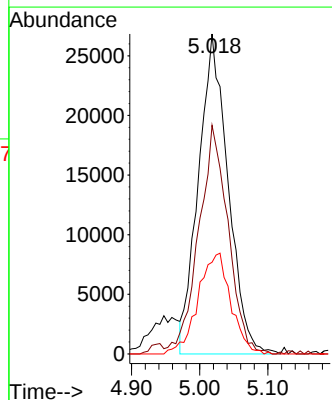
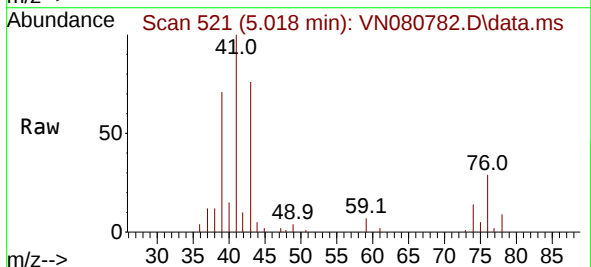
Manual Integrations
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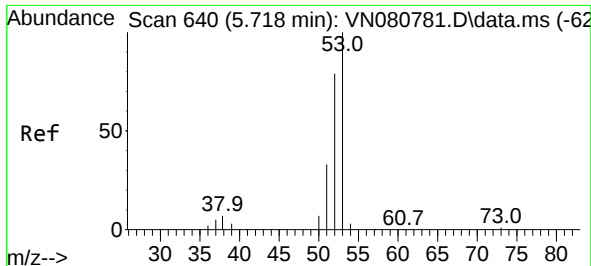
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#14
Allyl chloride
Concen: 18.758 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

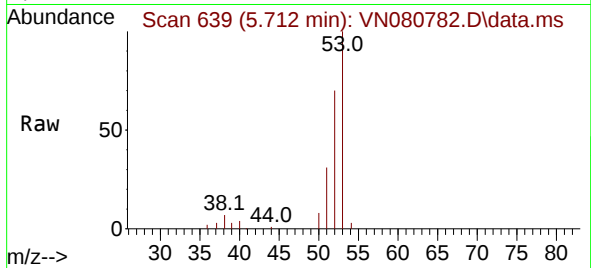
Tgt Ion: 41 Resp: 81007
Ion Ratio Lower Upper
41 100
39 71.1 57.7 86.5
76 34.8 26.8 40.2





#15
Acrylonitrile
Concen: 112.264 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

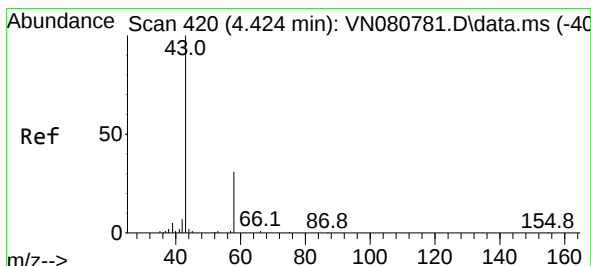
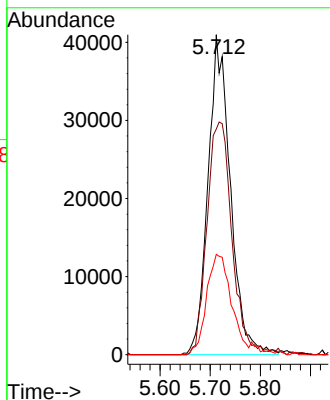
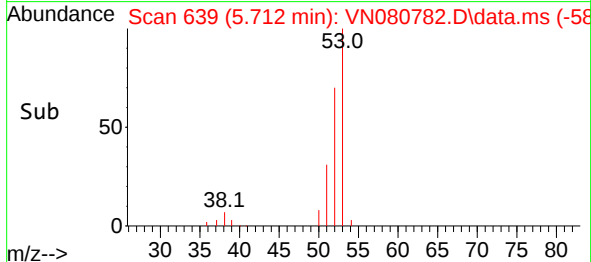
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 12704
Ion Ratio Lower Upper
53 100
52 80.9 64.8 97.2
51 34.4 26.9 40.3

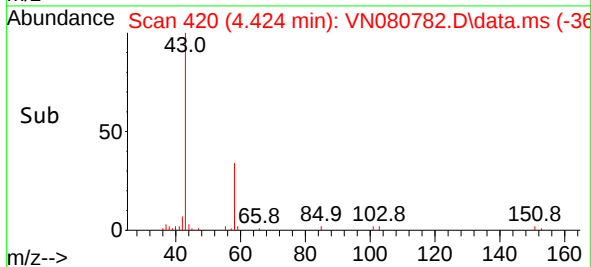
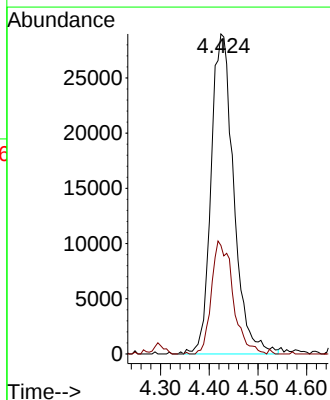
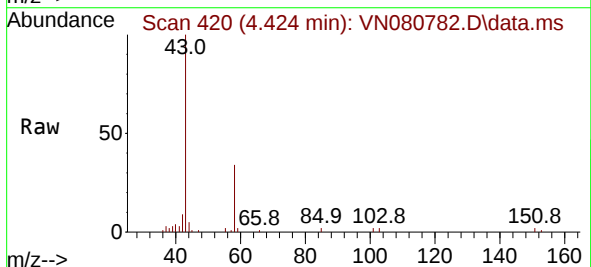
Manual Integrations
APPROVED

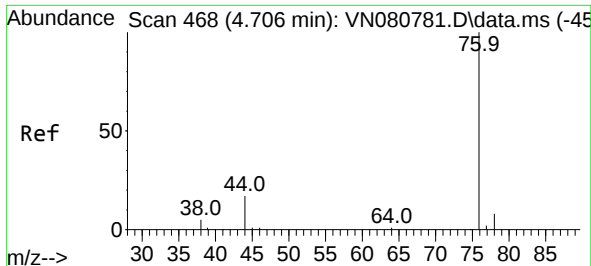
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#16
Acetone
Concen: 111.098 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

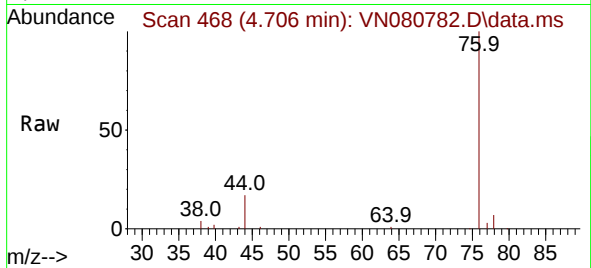
Tgt Ion: 43 Resp: 93462
Ion Ratio Lower Upper
43 100
58 33.9 24.8 37.2





#17
Carbon Disulfide
Concen: 19.053 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

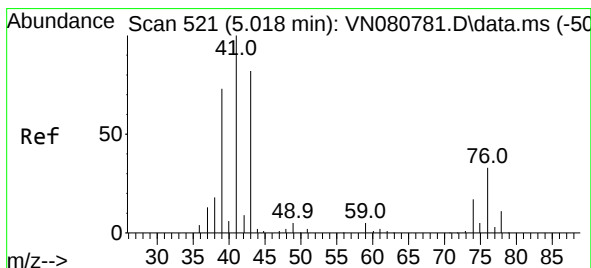
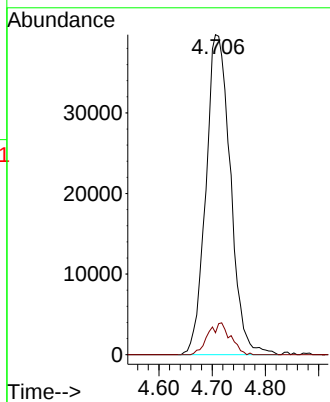
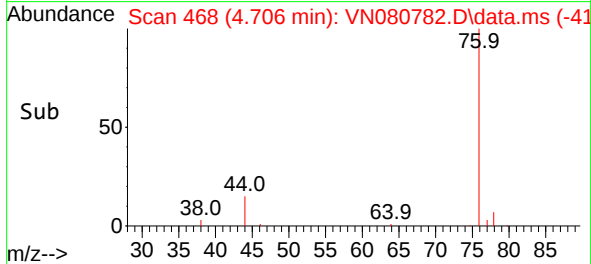
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 12695
Ion Ratio Lower Upper
76 100
78 6.8 6.3 9.5

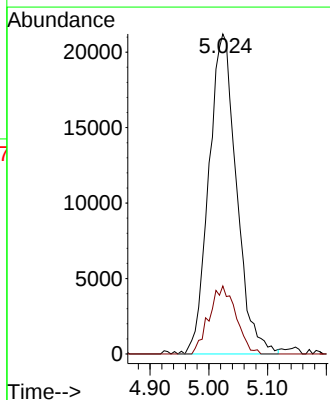
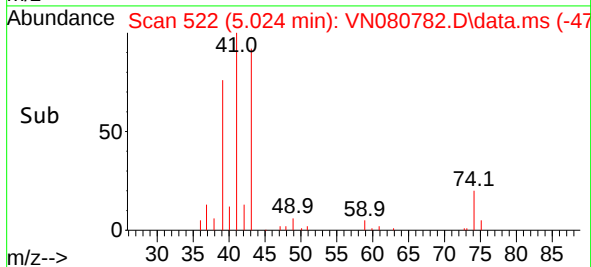
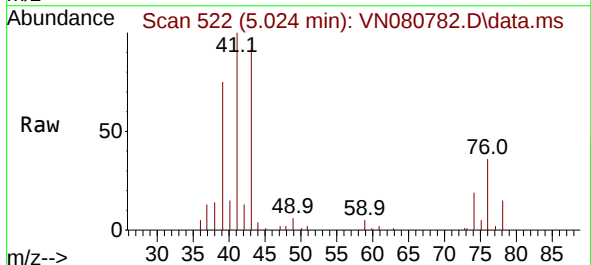
Manual Integrations
APPROVED

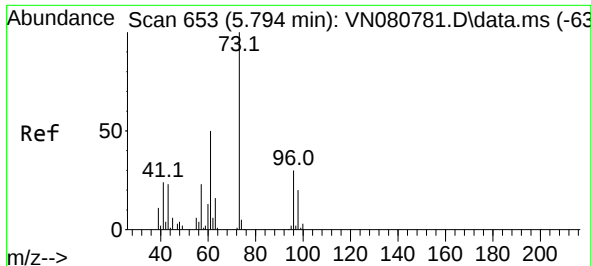
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#18
Methyl Acetate
Concen: 27.710 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Tgt Ion: 43 Resp: 69417
Ion Ratio Lower Upper
43 100
74 20.4 17.3 25.9





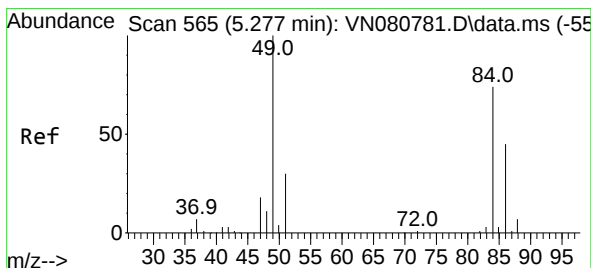
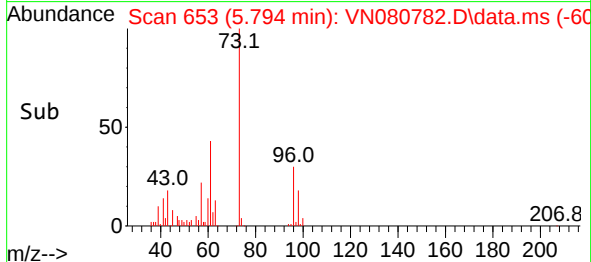
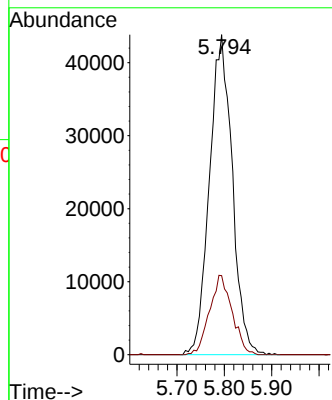
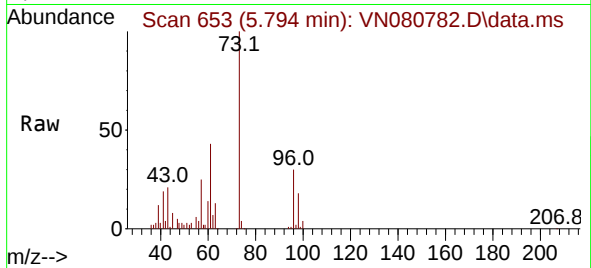
#19
Methyl tert-butyl Ether
Concen: 19.467 ug/l
RT: 5.794 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 14613
Ion Ratio Lower Upper
73 100
57 24.7 18.2 27.4

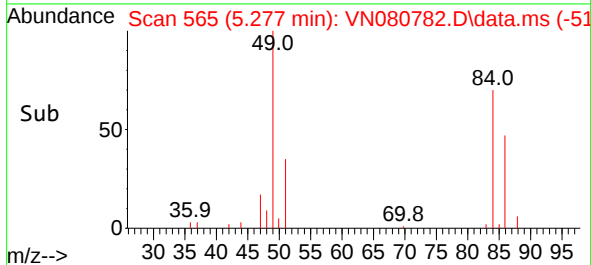
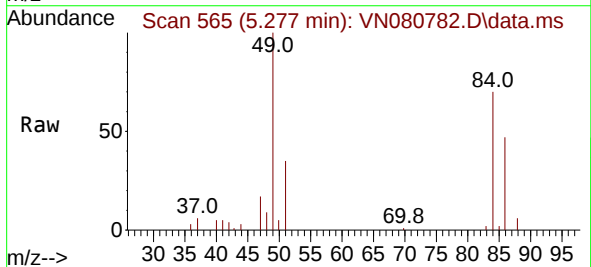
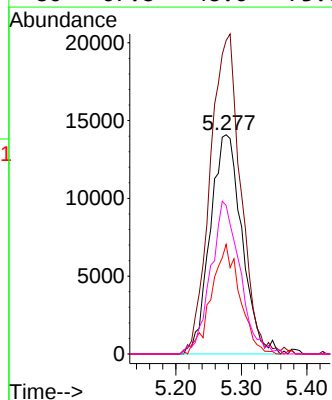
Manual Integrations
APPROVED

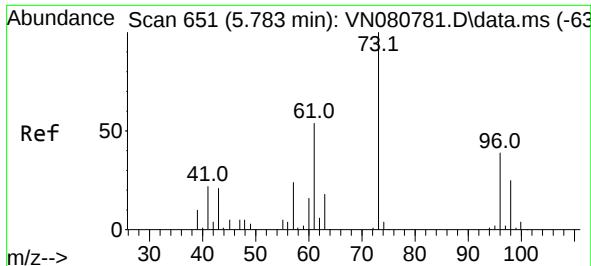
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#20
Methylene Chloride
Concen: 19.270 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

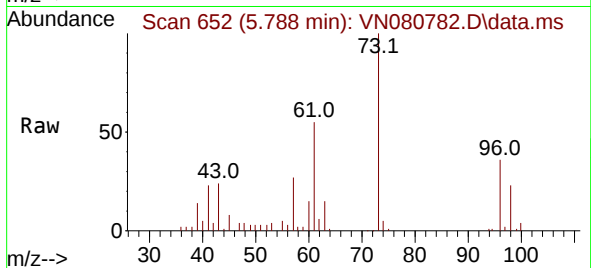
Tgt Ion: 84 Resp: 47325
Ion Ratio Lower Upper
84 100
49 143.0 108.1 162.1
51 50.0 32.9 49.3#
86 67.8 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 19.848 ug/l
RT: 5.788 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

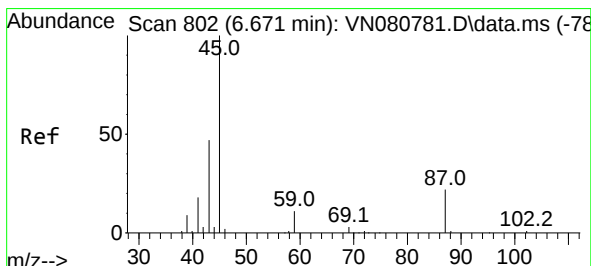
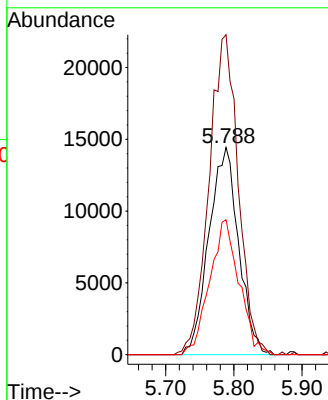
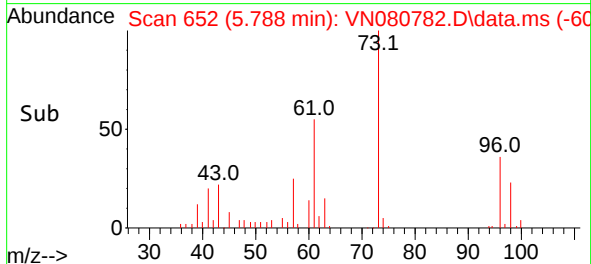
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 43859
Ion Ratio Lower Upper
96 100
61 154.4 112.8 169.2
98 65.1 51.0 76.4

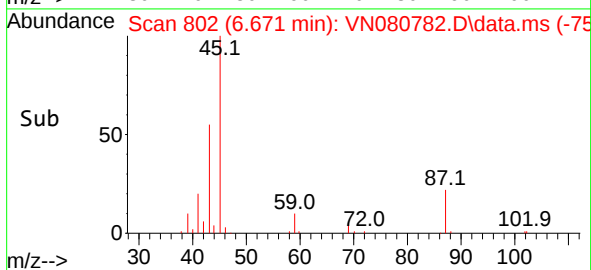
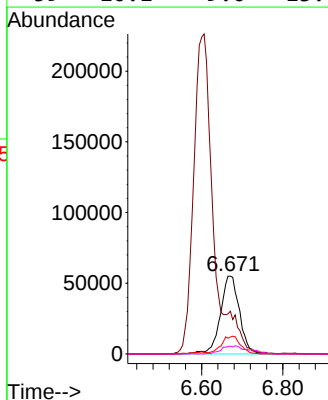
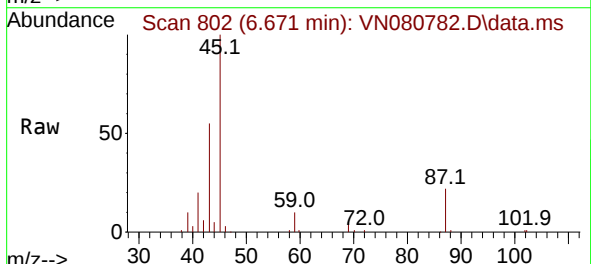
Manual Integrations
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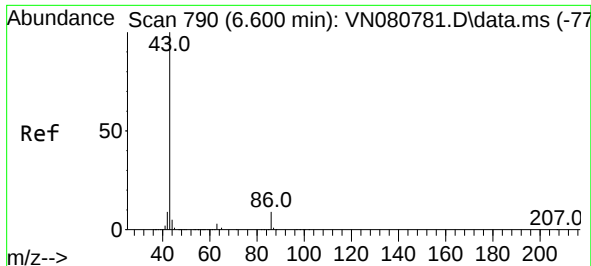
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#22
Diisopropyl ether
Concen: 22.055 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

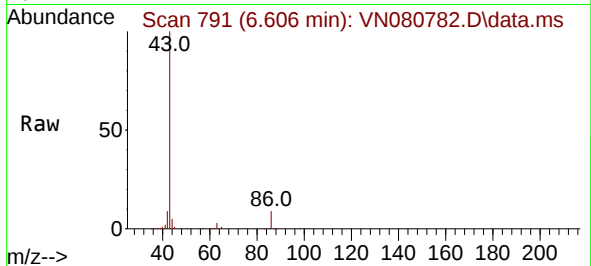
Tgt Ion: 45 Resp: 179607
Ion Ratio Lower Upper
45 100
43 54.5 41.8 62.8
87 21.7 18.1 27.1
59 10.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 105.642 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080782.D
 Acq: 29 Jan 2024 10:37

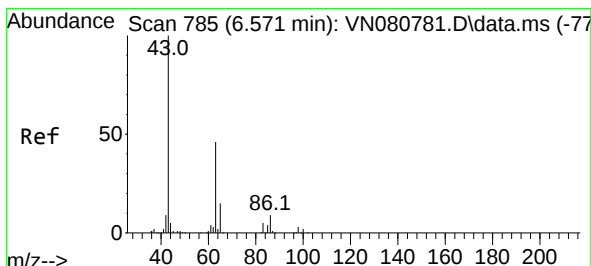
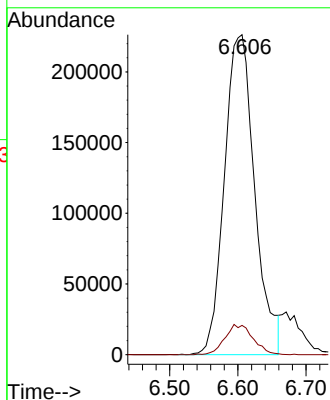
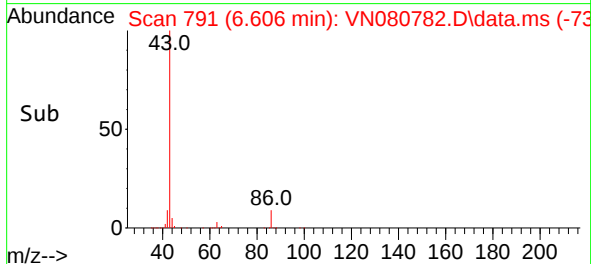
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 43 Resp: 700199
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.1 10.7

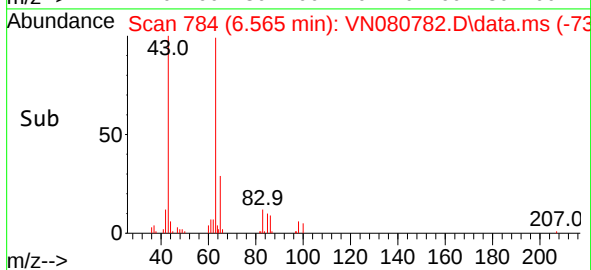
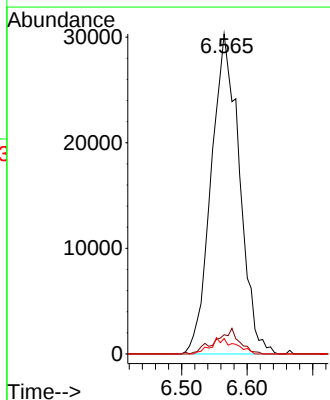
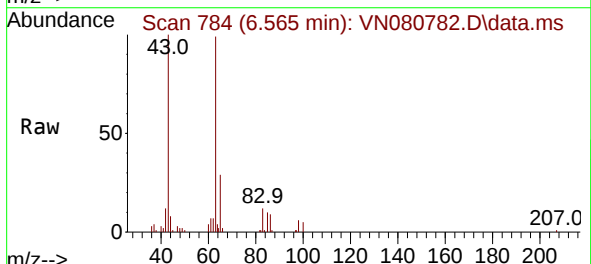
Manual Integrations
 APPROVED

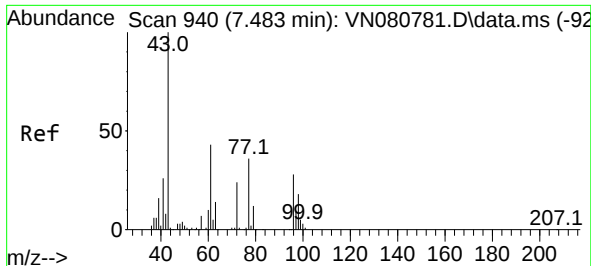
Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/30/2024



#24
 1,1-Dichloroethane
 Concen: 20.333 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080782.D
 Acq: 29 Jan 2024 10:37

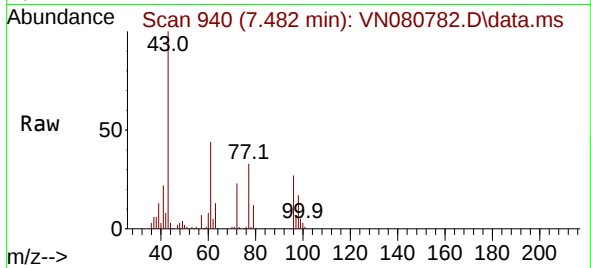
Tgt Ion: 63 Resp: 90637
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.6
 100 4.8 1.9 5.7





#25
2-Butanone
Concen: 114.290 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

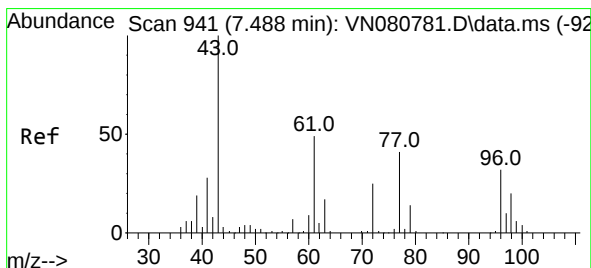
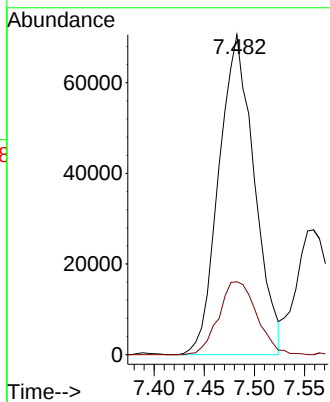
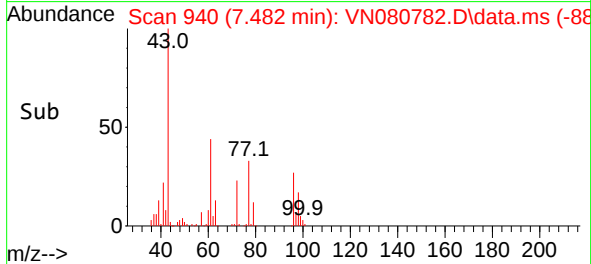
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



Tgt Ion: 43 Resp: 173794
Ion Ratio Lower Upper
43 100
72 22.8 19.5 29.3

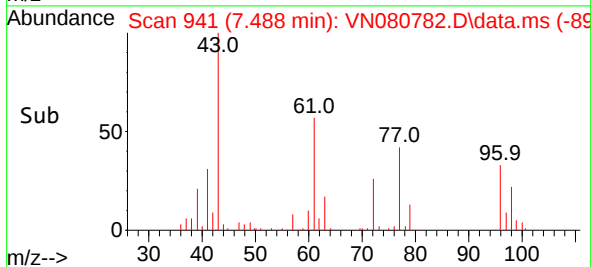
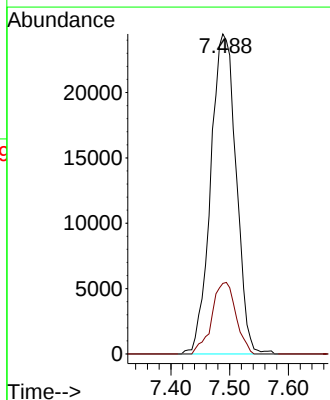
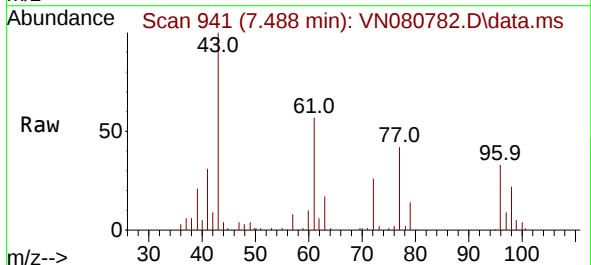
Manual Integrations
APPROVED

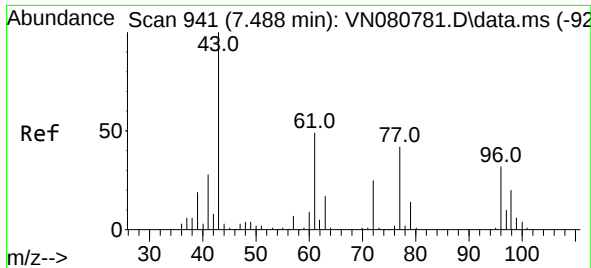
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#26
2,2-Dichloropropane
Concen: 18.883 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Tgt Ion: 77 Resp: 73616
Ion Ratio Lower Upper
77 100
97 21.2 11.5 34.5





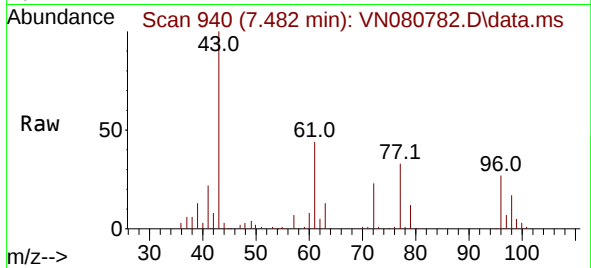
#27
 cis-1,2-Dichloroethene
 Concen: 20.867 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080782.D
 Acq: 29 Jan 2024 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



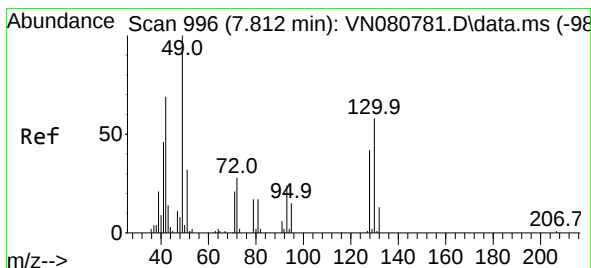
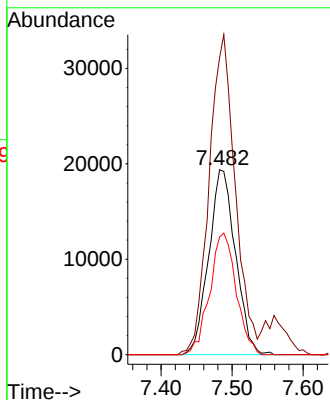
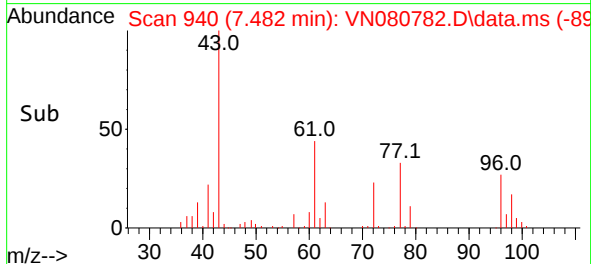
Tgt Ion: 96 Resp: 50832
 Ion Ratio Lower Upper
 96 100
 61 167.9 0.0 325.4
 98 64.9 0.0 130.4

Manual Integrations

APPROVED

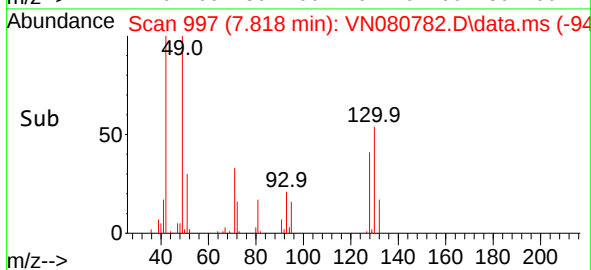
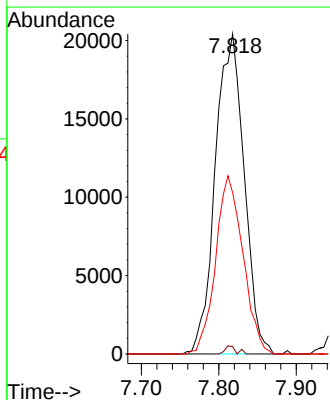
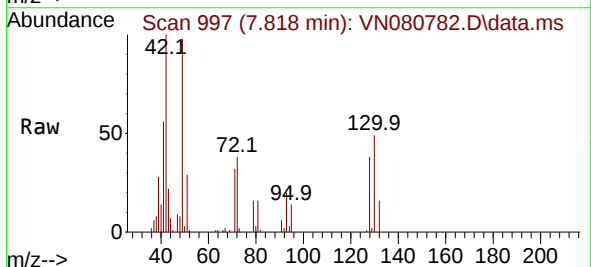
Reviewed By :John Carlone 01/29/2024

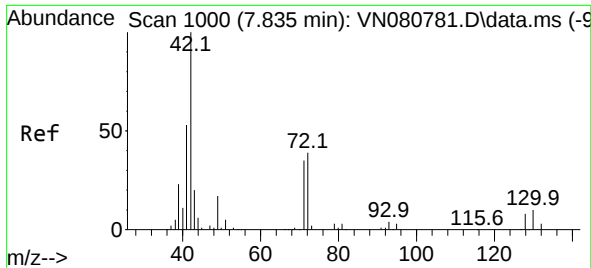
Supervised By :Mahesh Dadoda 01/30/2024



#28
 Bromochloromethane
 Concen: 25.374 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080782.D
 Acq: 29 Jan 2024 10:37

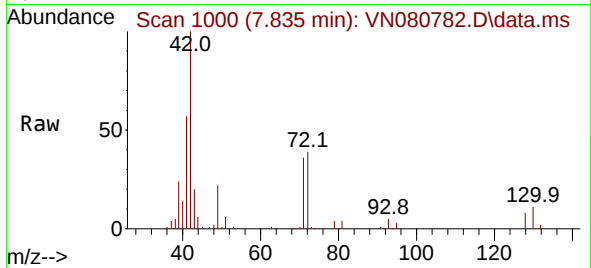
Tgt Ion: 49 Resp: 52879
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 1.6
 130 52.8 42.3 63.5





#29
Tetrahydrofuran
Concen: 111.826 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

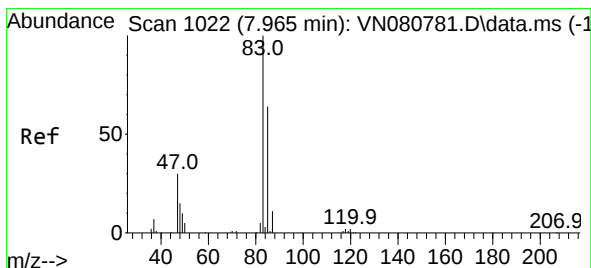
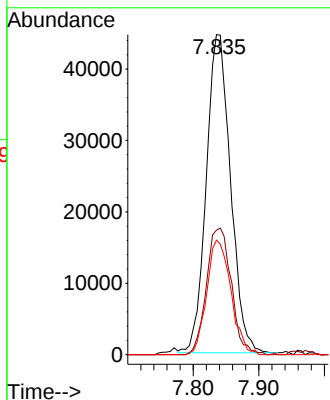
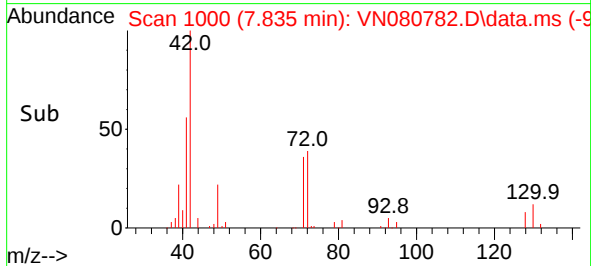
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



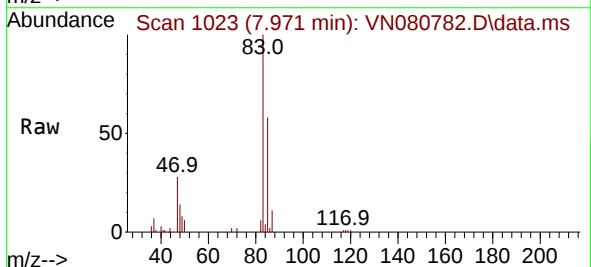
Tgt Ion: 42 Resp: 114610
Ion Ratio Lower Upper
42 100
72 40.5 31.1 46.7
71 35.8 28.3 42.5

Manual Integrations
APPROVED

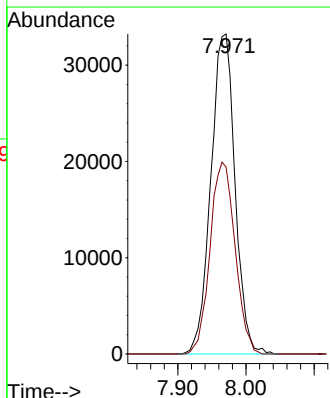
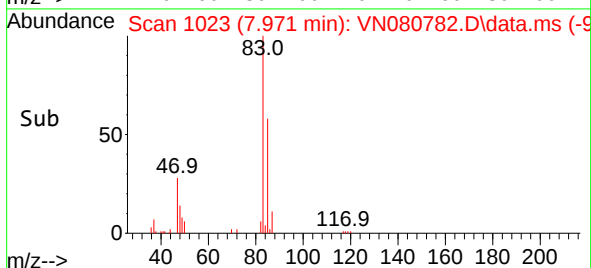
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

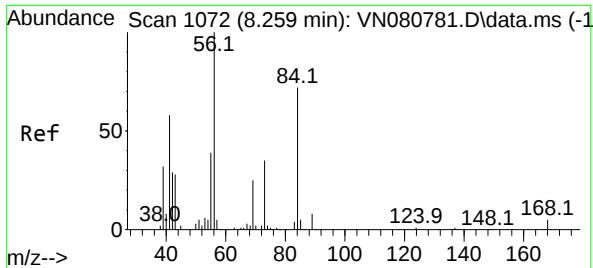


#30
Chloroform
Concen: 19.643 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37



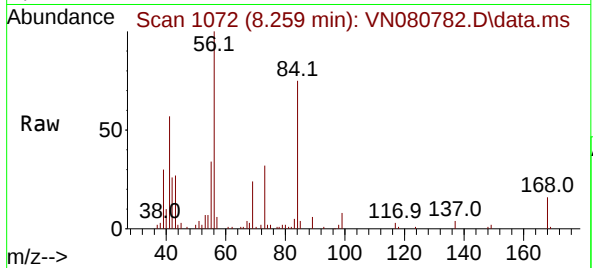
Tgt Ion: 83 Resp: 82090
Ion Ratio Lower Upper
83 100
85 58.4 51.0 76.6





#31
Cyclohexane
Concen: 21.080 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

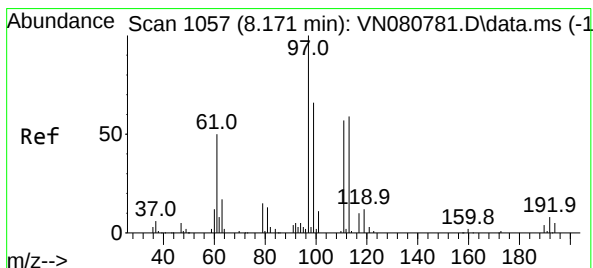
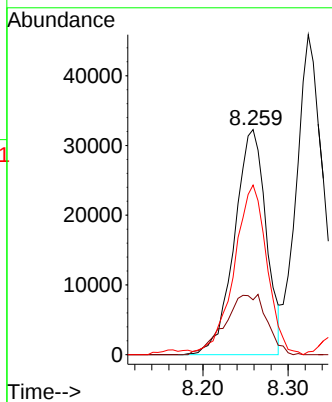
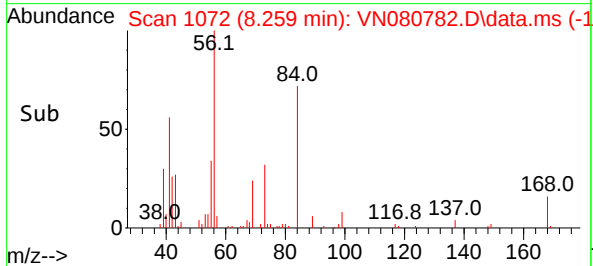
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



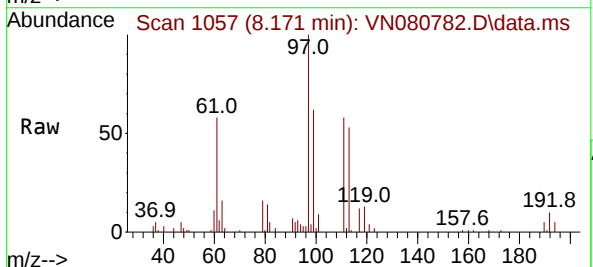
Tgt Ion: 56 Resp: 83452
Ion Ratio Lower Upper
56 100
69 24.4 20.1 30.1
84 73.9 56.9 85.3

Manual Integrations
APPROVED

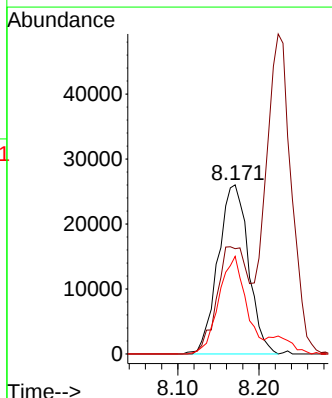
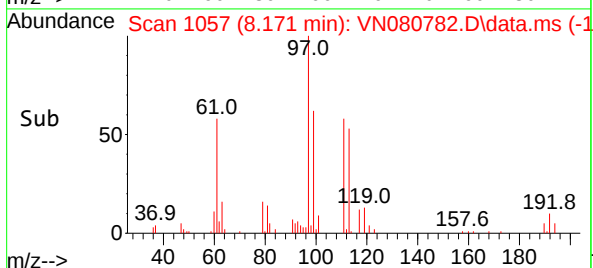
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

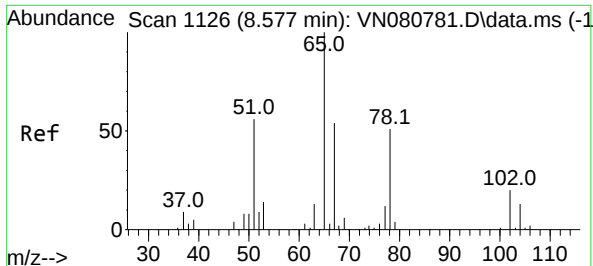


#32
1,1,1-Trichloroethane
Concen: 18.167 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37



Tgt Ion: 97 Resp: 67581
Ion Ratio Lower Upper
97 100
99 62.3 53.4 80.0
61 52.2 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 20.202 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 51760

Ion Ratio Lower Upper

65 100

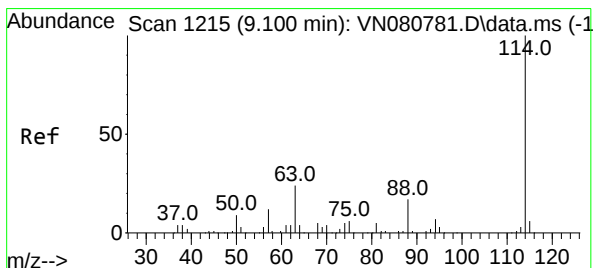
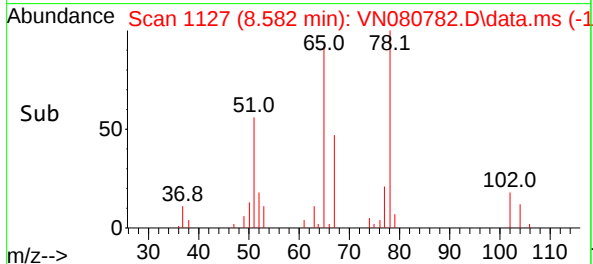
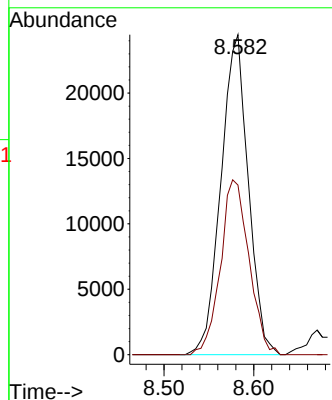
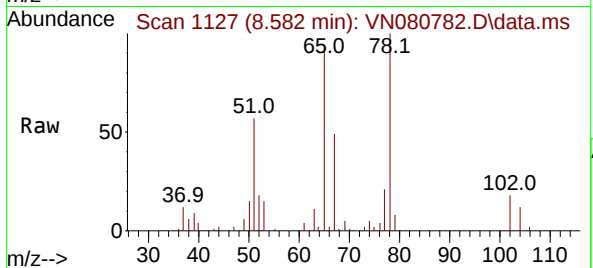
67 57.0 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

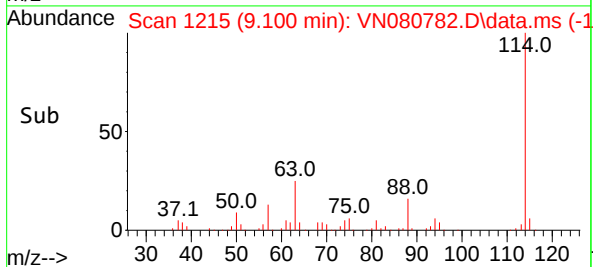
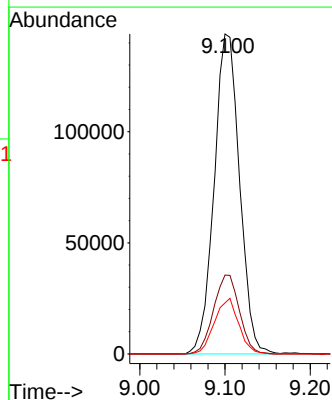
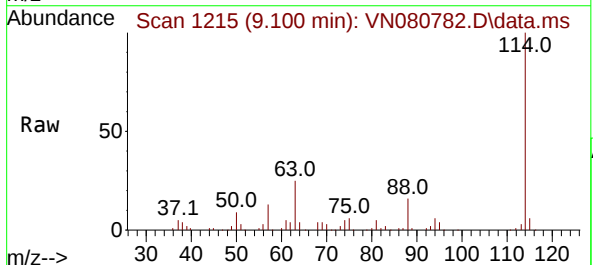
Tgt Ion:114 Resp: 298392

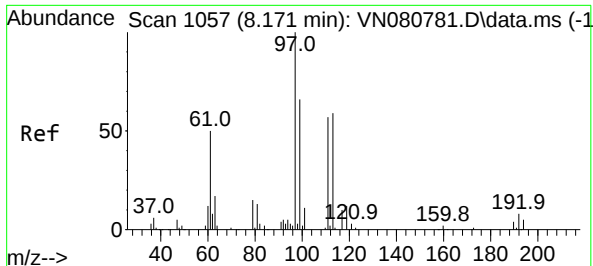
Ion Ratio Lower Upper

114 100

63 24.7 0.0 48.0

88 16.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 22.040 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

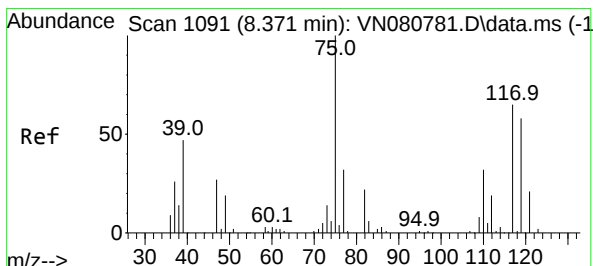
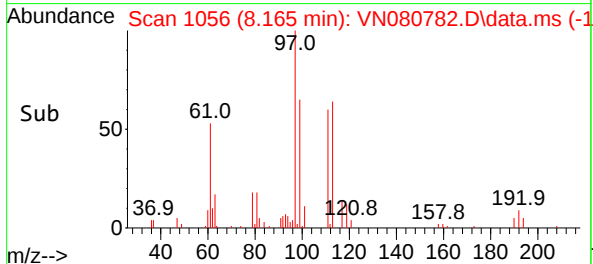
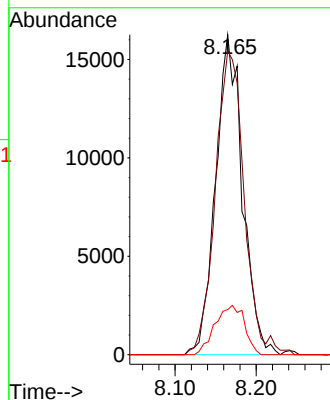
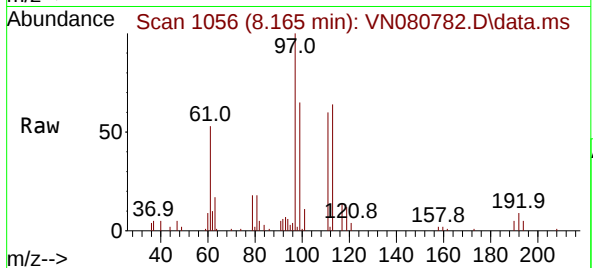
Tgt Ion:	113	Resp:	3736
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	16.8	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#36

1,1-Dichloropropene

Concen: 18.430 ug/l

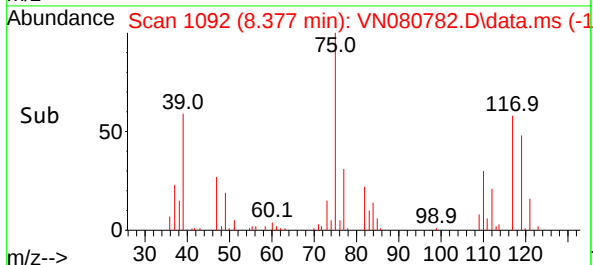
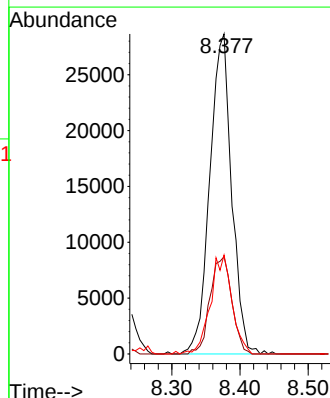
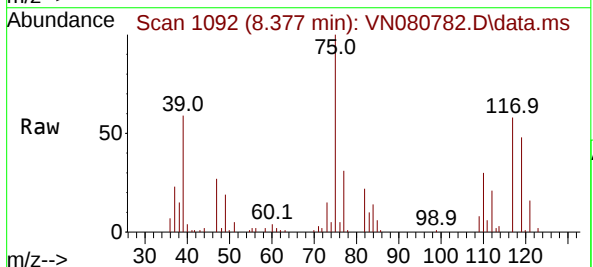
RT: 8.377 min Scan# 1092

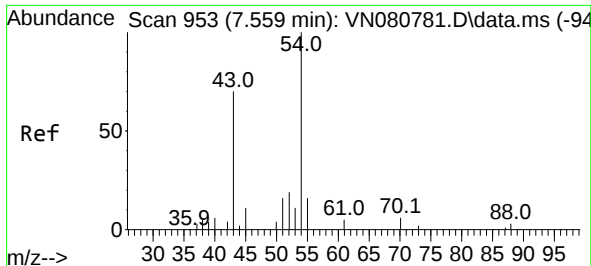
Delta R.T. 0.006 min

Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

Tgt Ion:	75	Resp:	64004
Ion	Ratio	Lower	Upper
75	100		
110	30.2	16.0	48.0
77	30.4	25.8	38.6





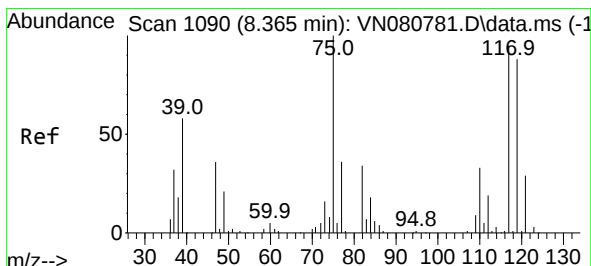
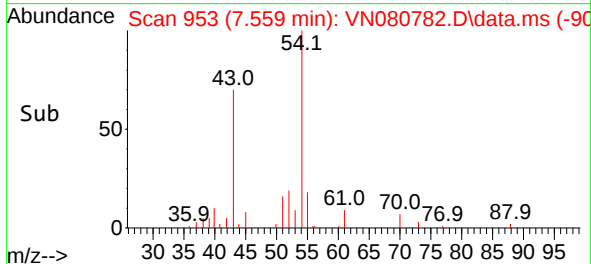
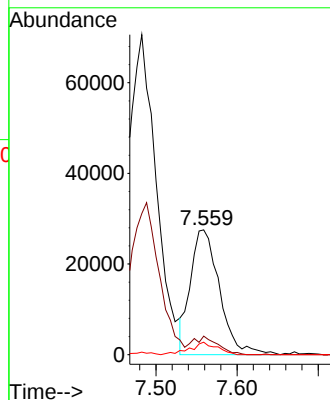
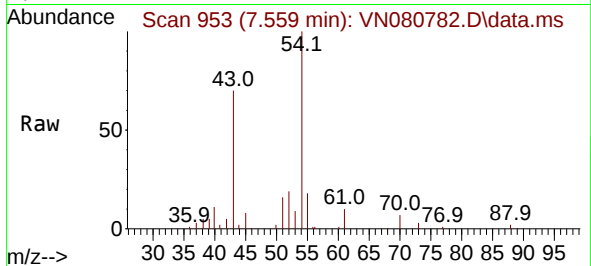
#37
Ethyl Acetate
Concen: 20.398 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 68694
Ion Ratio Lower Upper
43 100
61 12.8 10.6 15.8
70 9.2 8.0 12.0

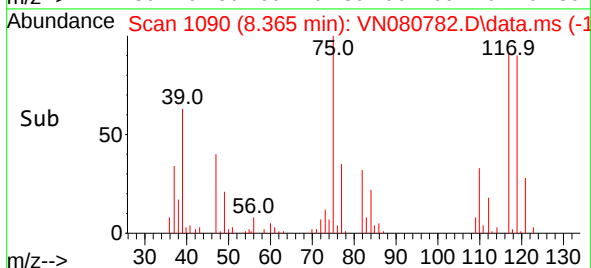
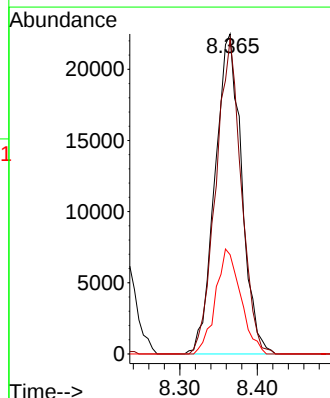
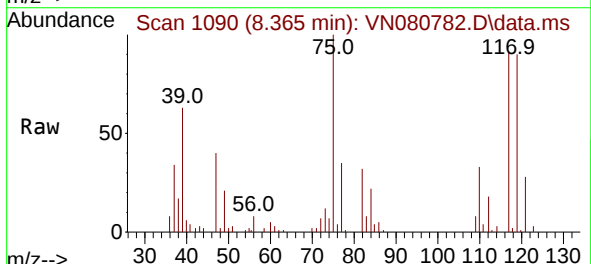
Manual Integrations
APPROVED

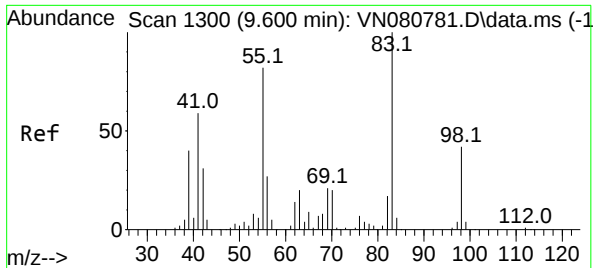
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#38
Carbon Tetrachloride
Concen: 17.166 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Tgt Ion:117 Resp: 53527
Ion Ratio Lower Upper
117 100
119 98.4 73.4 110.2
121 31.0 24.4 36.6





#39

Methylcyclohexane

Concen: 20.133 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 66910

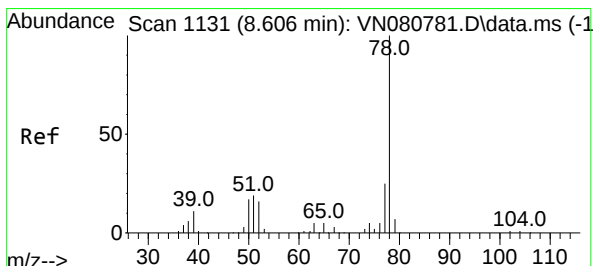
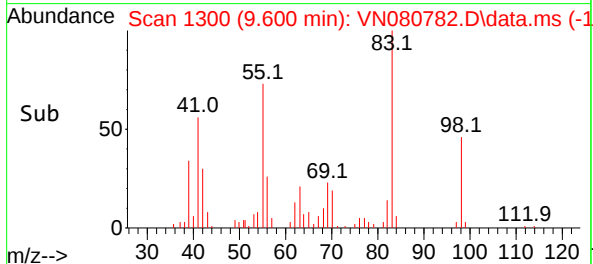
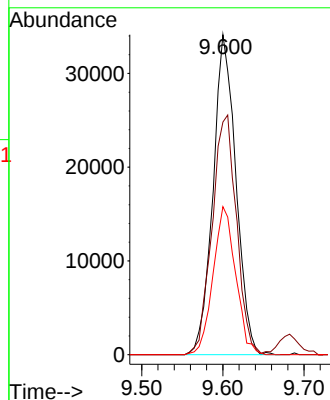
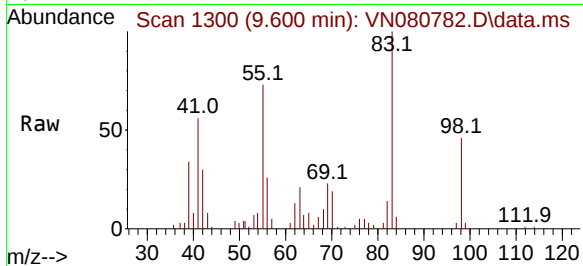
Ion	Ratio	Lower	Upper
83	100		
55	72.7	65.7	98.5
98	46.2	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#40

Benzene

Concen: 20.561 ug/l

RT: 8.606 min Scan# 1131

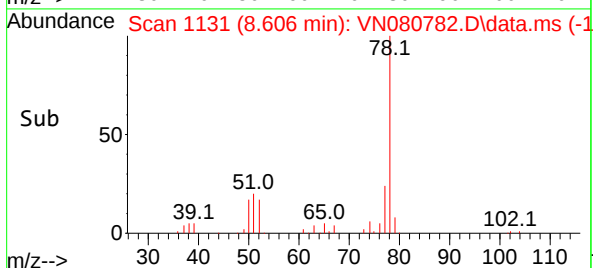
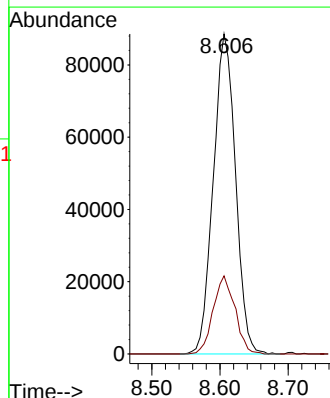
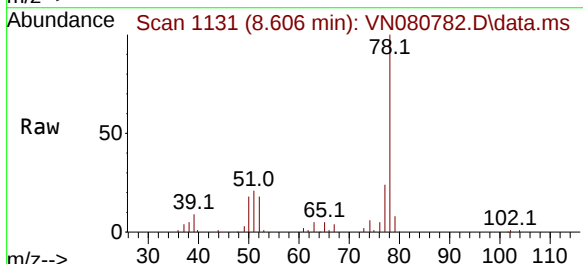
Delta R.T. -0.000 min

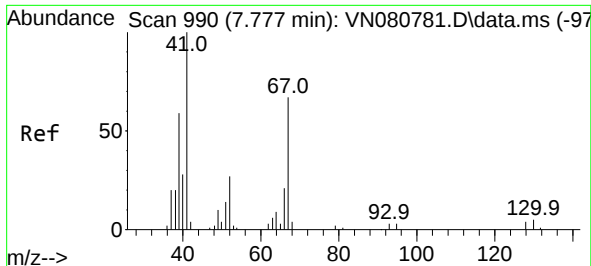
Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

Tgt Ion: 78 Resp: 200734

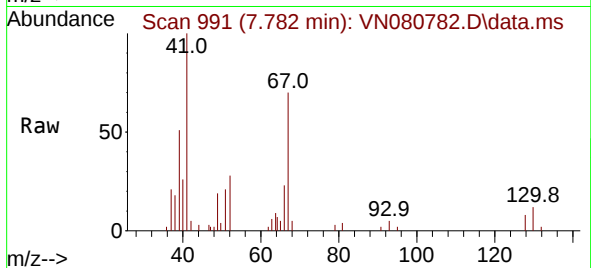
Ion	Ratio	Lower	Upper
78	100		
77	24.4	20.4	30.6





#41
Methacrylonitrile
Concen: 20.727 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

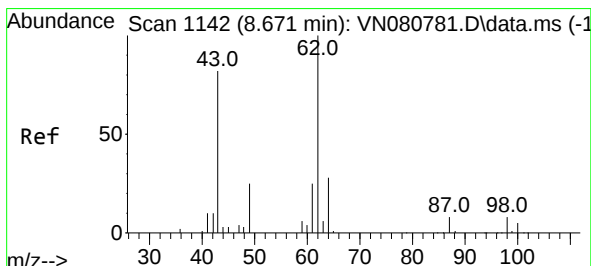
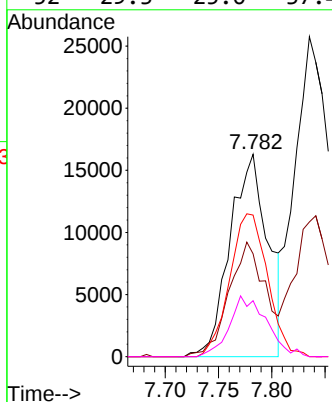
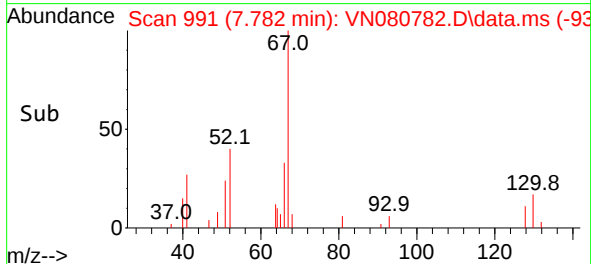
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 40488
Ion Ratio Lower Upper
41 100
39 54.4 48.4 72.6
67 70.2 56.8 85.2
52 29.3 25.0 37.4

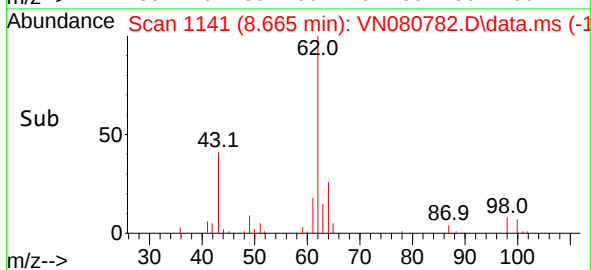
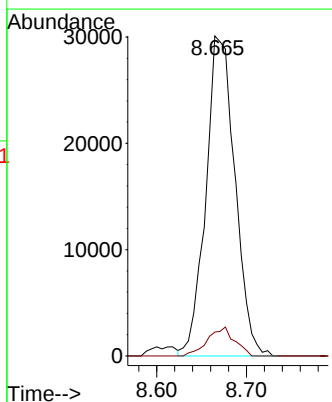
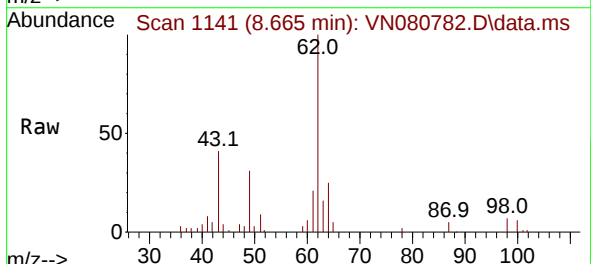
Manual Integrations
APPROVED

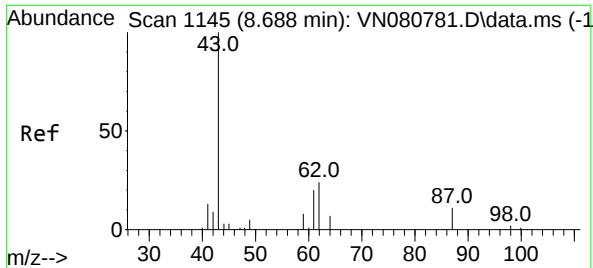
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#42
1,2-Dichloroethane
Concen: 18.147 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

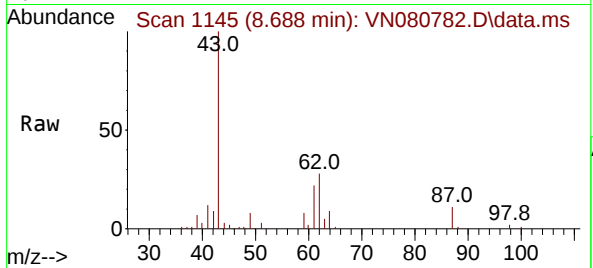
Tgt Ion: 62 Resp: 67828
Ion Ratio Lower Upper
62 100
98 8.3 0.0 18.0





#43
Isopropyl Acetate
Concen: 20.790 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

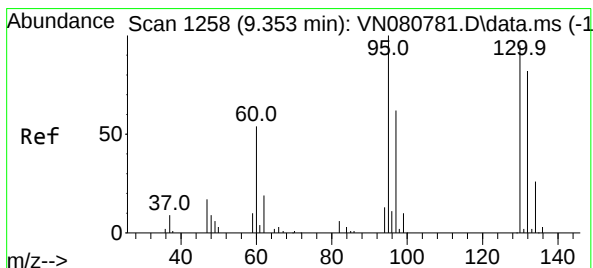
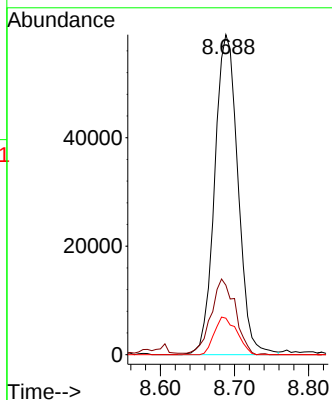
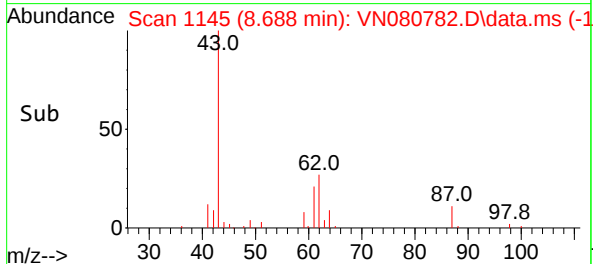
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



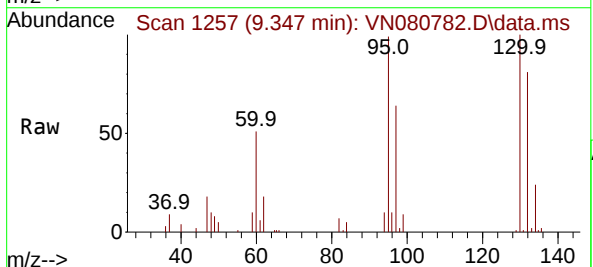
Tgt Ion: 43 Resp: 12869
Ion Ratio Lower Upper
43 100
61 24.8 19.9 29.9
87 11.4 9.0 13.6

Manual Integrations
APPROVED

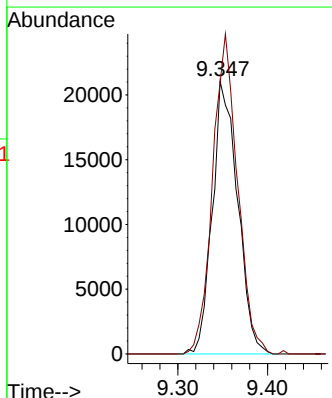
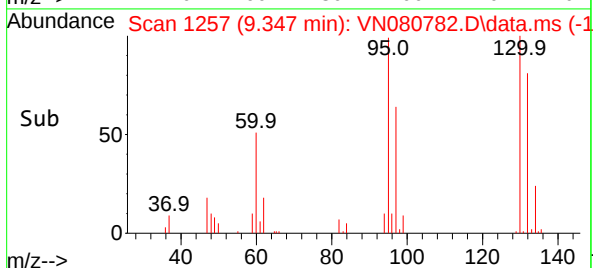
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

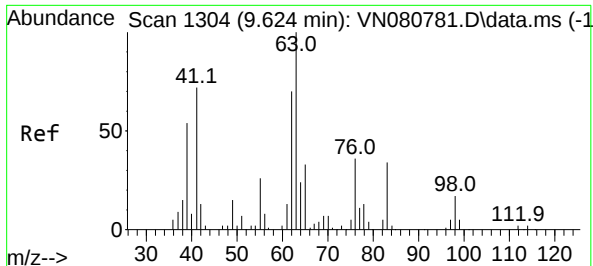


#44
Trichloroethene
Concen: 18.644 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37



Tgt Ion:130 Resp: 41207
Ion Ratio Lower Upper
130 100
95 99.4 0.0 210.4





#45

1,2-Dichloropropane

Concen: 21.271 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 5505

Ion Ratio Lower Upper

63 100

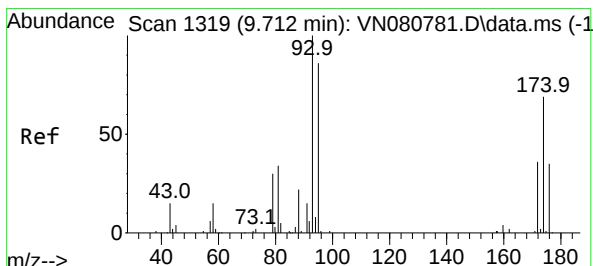
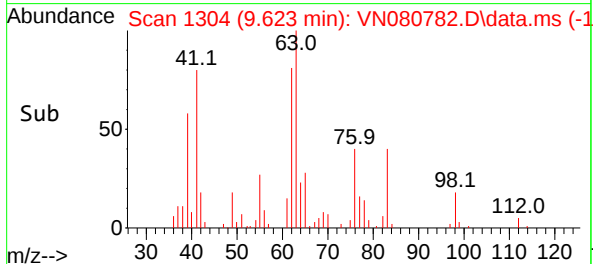
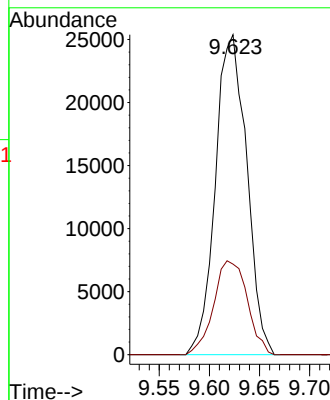
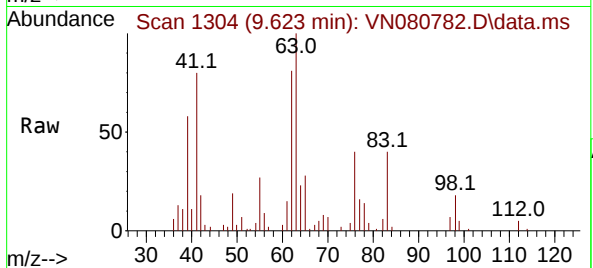
65 28.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#46

Dibromomethane

Concen: 19.859 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

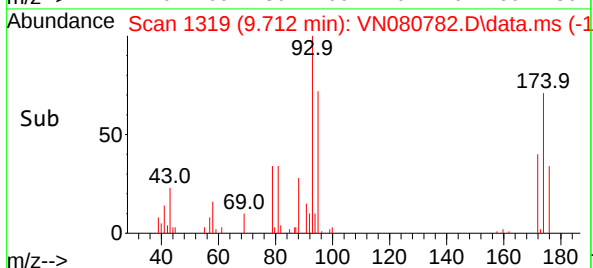
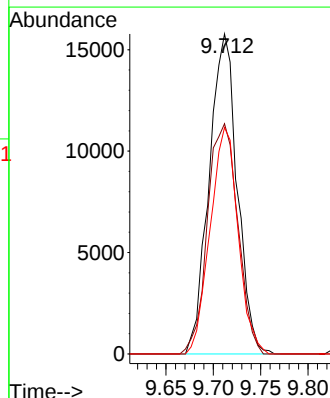
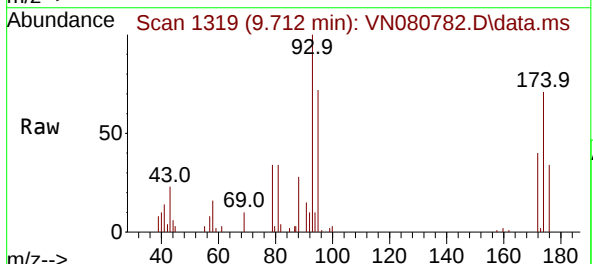
Tgt Ion: 93 Resp: 32521

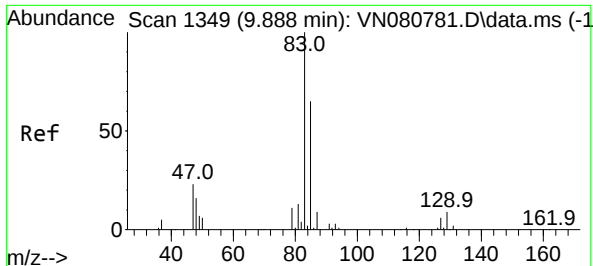
Ion Ratio Lower Upper

93 100

95 77.4 68.1 102.1

174 70.3 57.2 85.8





#47

Bromodichloromethane

Concen: 17.426 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 6333

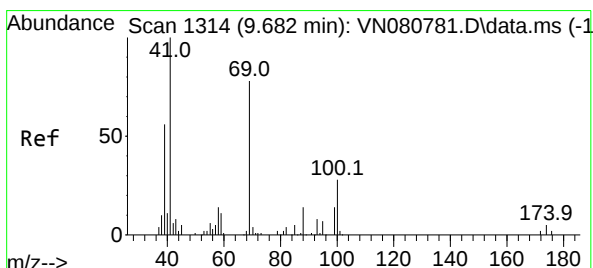
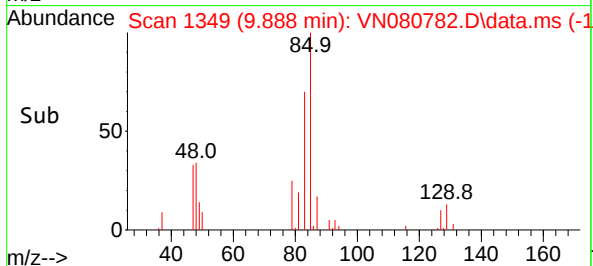
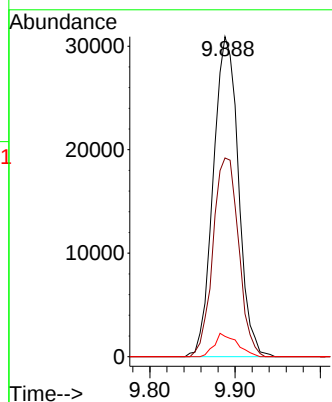
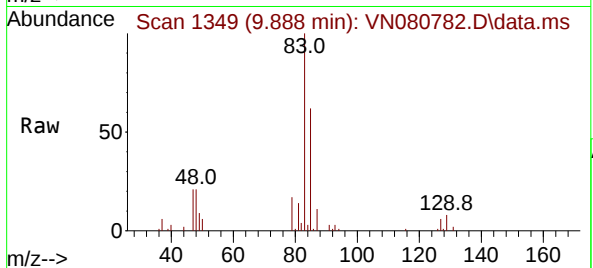
Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.3	78.5
127	6.4	4.6	7.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#48

Methyl methacrylate

Concen: 19.443 ug/l

RT: 9.682 min Scan# 1314

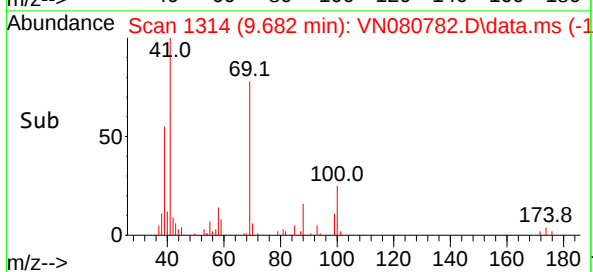
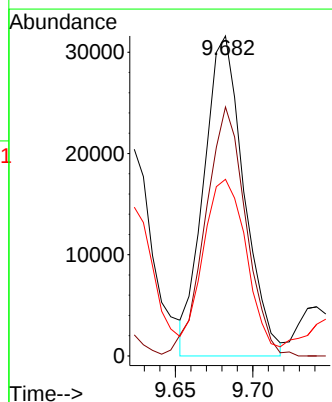
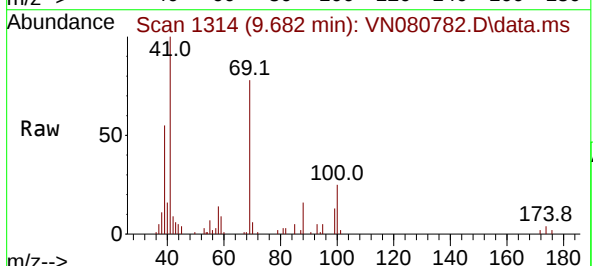
Delta R.T. -0.000 min

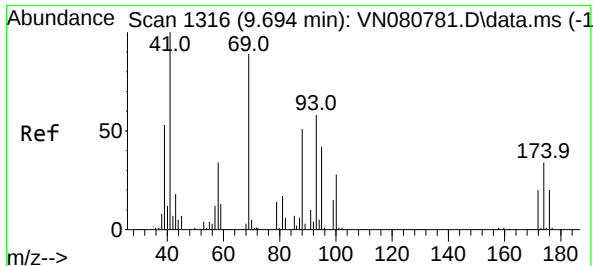
Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

Tgt Ion: 41 Resp: 56984

Ion	Ratio	Lower	Upper
41	100		
69	78.6	62.2	93.2
39	60.4	47.6	71.4





#49

1,4-Dioxane

Concen: 444.747 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 1624

Ion Ratio Lower Upper

88 100

43 28.5 30.1 45.1

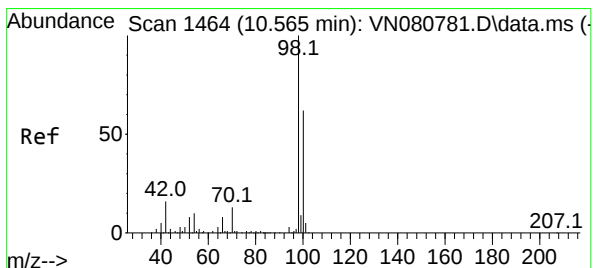
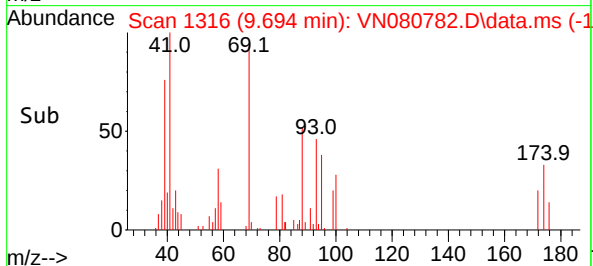
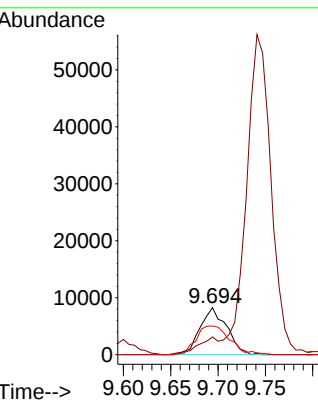
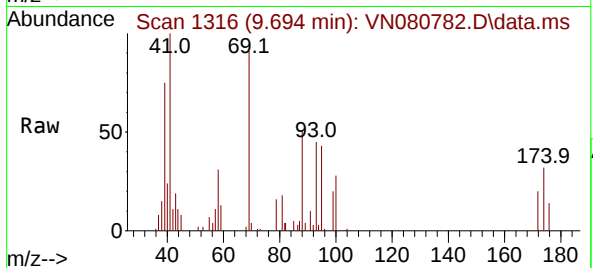
58 76.3 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#50

Toluene-d8

Concen: 23.216 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080782.D

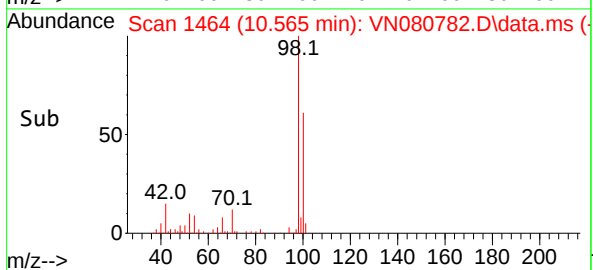
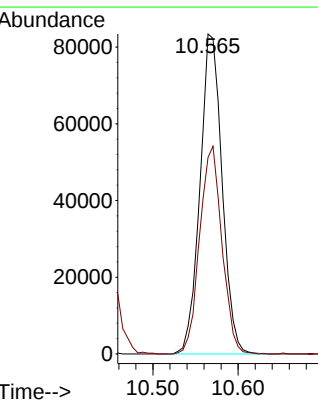
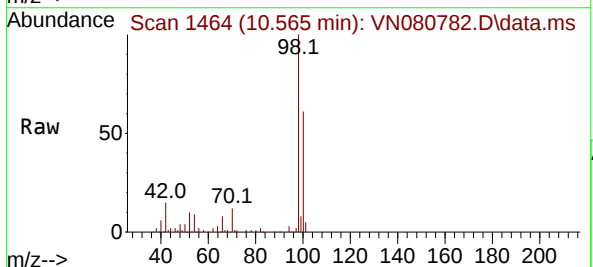
Acq: 29 Jan 2024 10:37

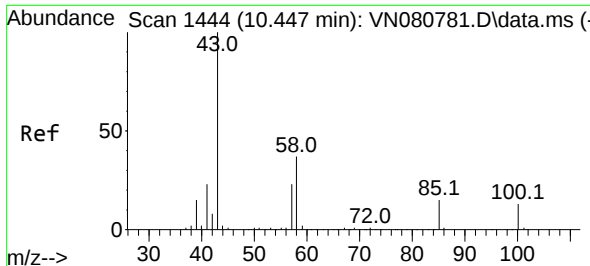
Tgt Ion: 98 Resp: 150083

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0





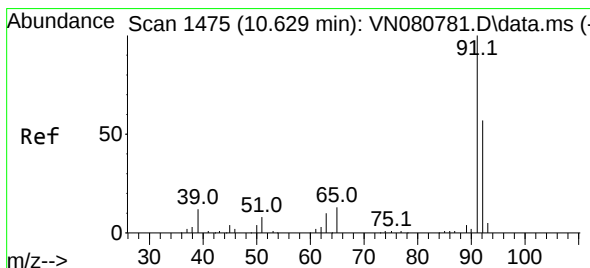
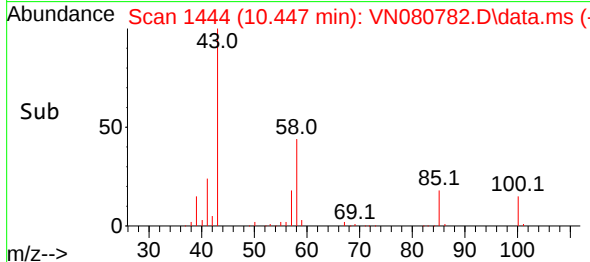
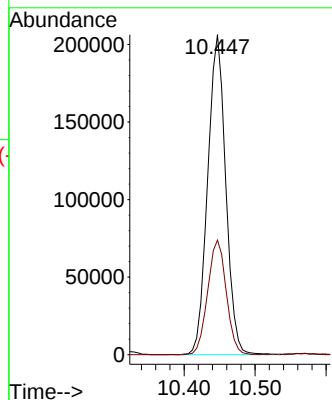
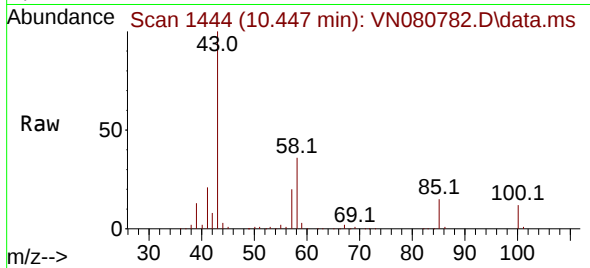
#51
4-Methyl-2-Pentanone
Concen: 109.048 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 36417
Ion Ratio Lower Upper
43 100
58 36.9 29.4 44.0

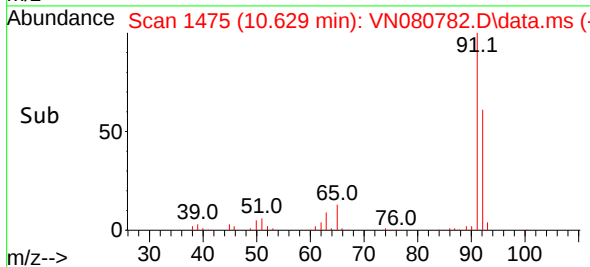
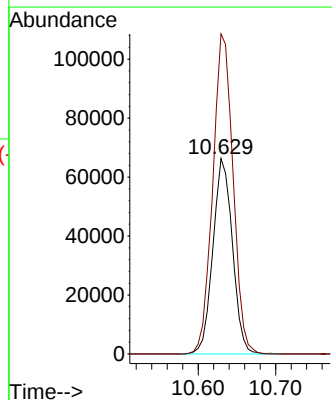
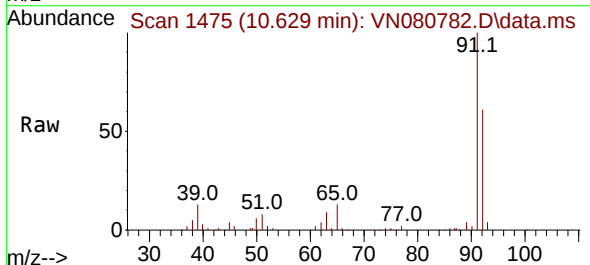
Manual Integrations
APPROVED

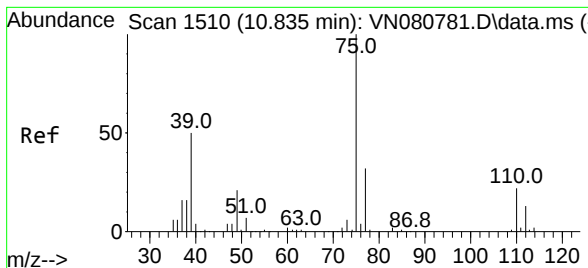
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#52
Toluene
Concen: 20.719 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

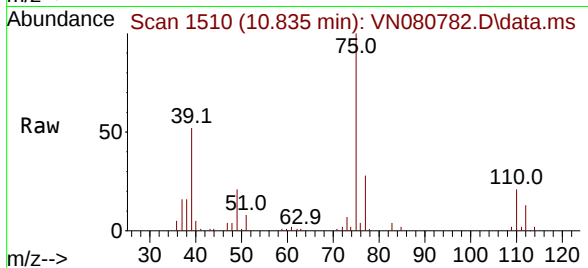
Tgt Ion: 92 Resp: 115897
Ion Ratio Lower Upper
92 100
91 170.4 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 19.213 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

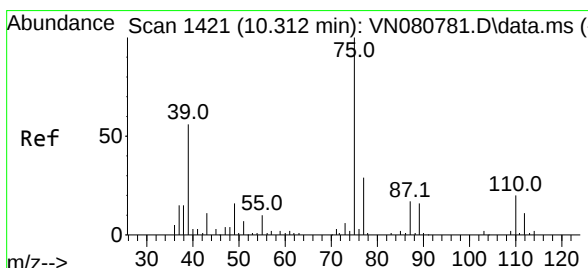
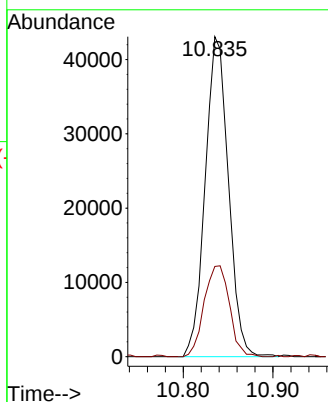
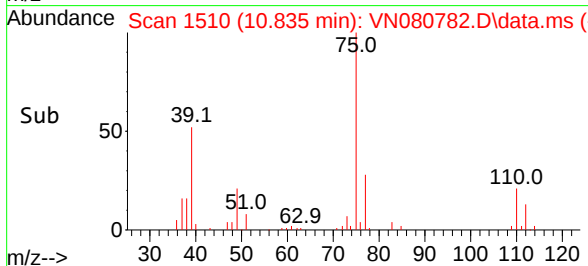
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 77512
Ion Ratio Lower Upper
75 100
77 28.2 25.5 38.3

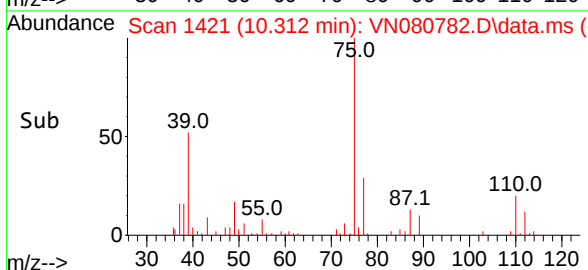
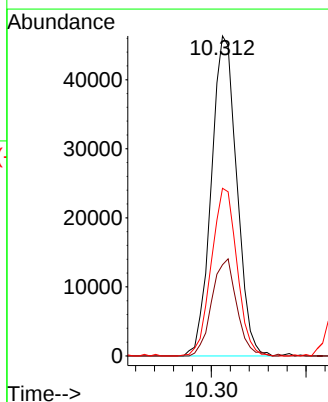
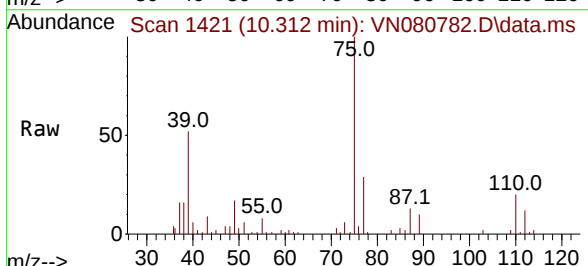
Manual Integrations
APPROVED

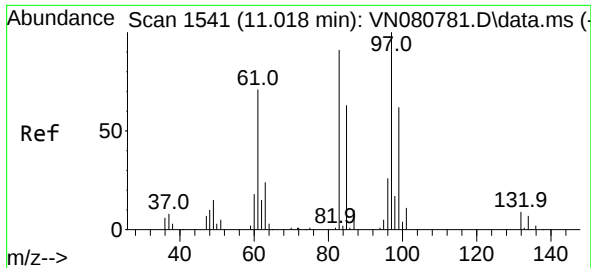
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#54
cis-1,3-Dichloropropene
Concen: 20.206 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

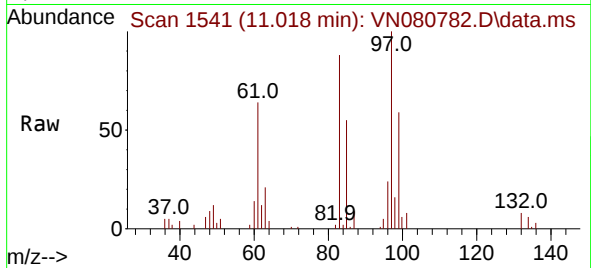
Tgt Ion: 75 Resp: 86446
Ion Ratio Lower Upper
75 100
77 28.5 23.3 34.9
39 52.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 20.317 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

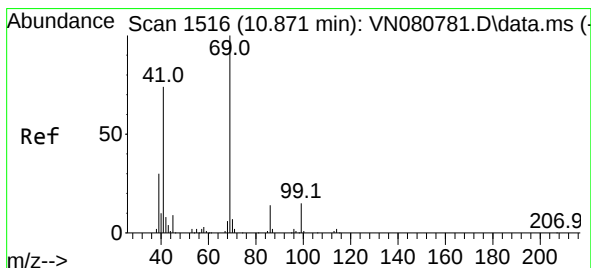
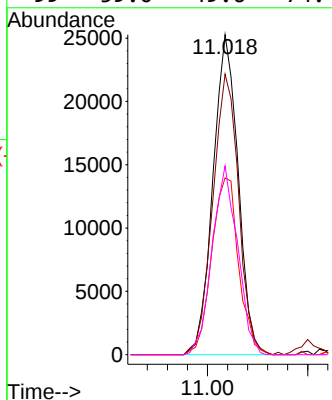
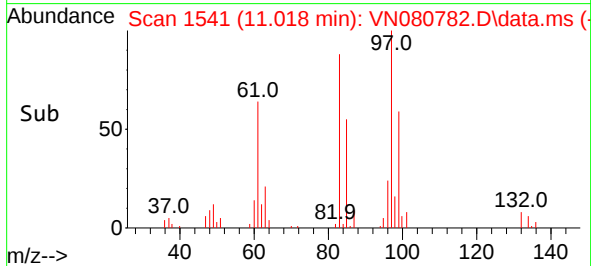
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



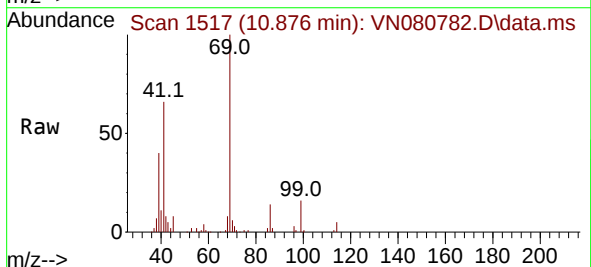
Tgt Ion:	97	Resp:	4374
Ion	Ratio	Lower	Upper
97	100		
83	87.7	72.9	109.3
85	55.2	50.2	75.2
99	59.0	49.6	74.4

Manual Integrations
APPROVED

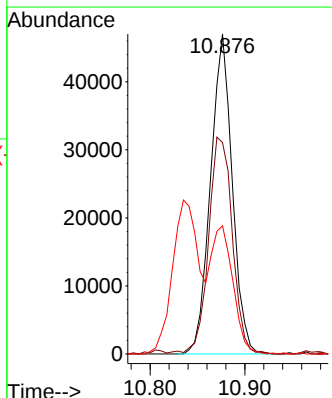
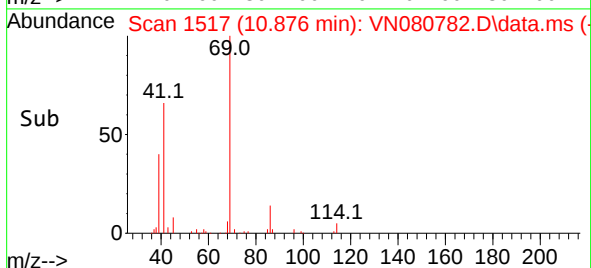
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

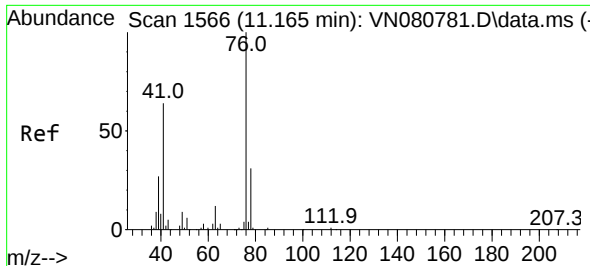


#56
Ethyl methacrylate
Concen: 19.390 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37



Tgt Ion:	69	Resp:	74775
Ion	Ratio	Lower	Upper
69	100		
41	74.3	61.0	91.6
39	39.9	31.8	47.6





#57

1,3-Dichloropropane

Concen: 21.157 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 8316

Ion Ratio Lower Upper

76 100

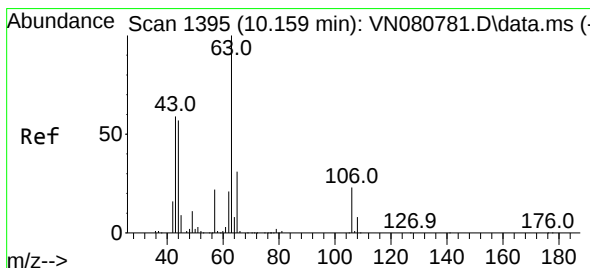
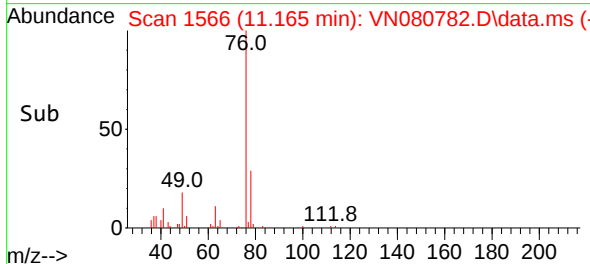
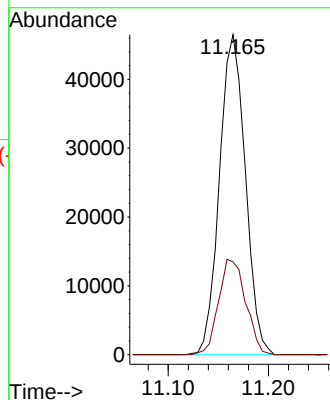
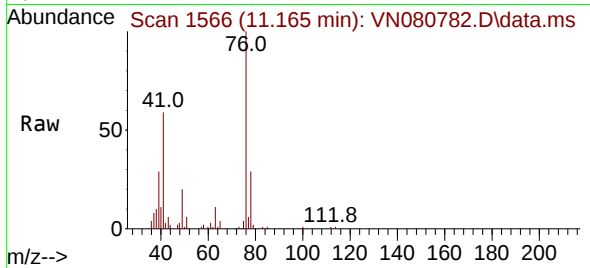
78 31.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#58

2-Chloroethyl Vinyl ether

Concen: 108.104 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080782.D

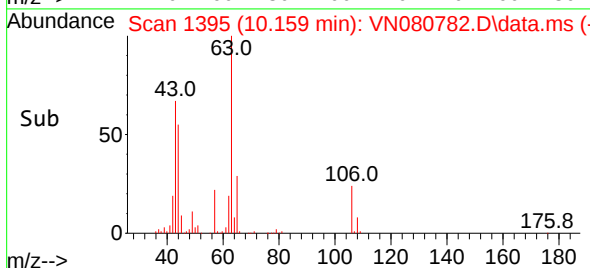
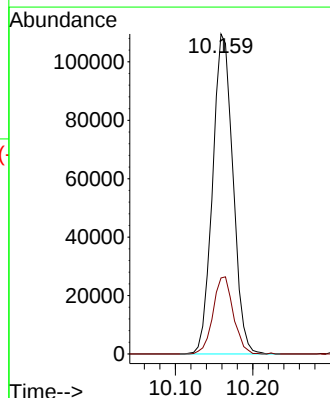
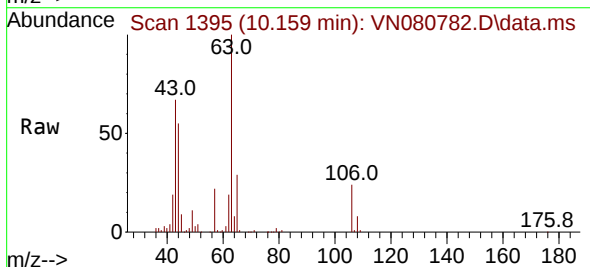
Acq: 29 Jan 2024 10:37

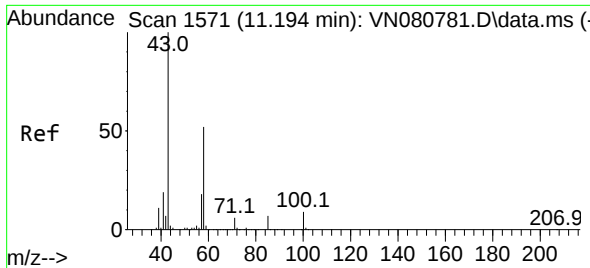
Tgt Ion: 63 Resp: 199676

Ion Ratio Lower Upper

63 100

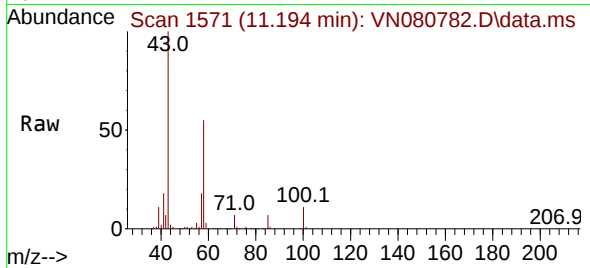
106 24.0 18.6 28.0





#59
2-Hexanone
Concen: 111.206 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

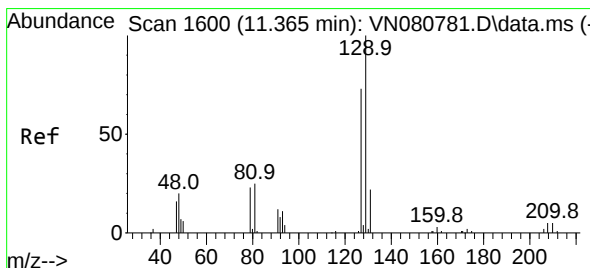
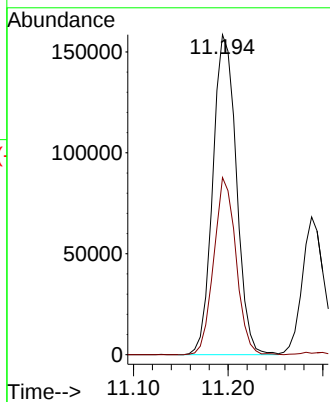
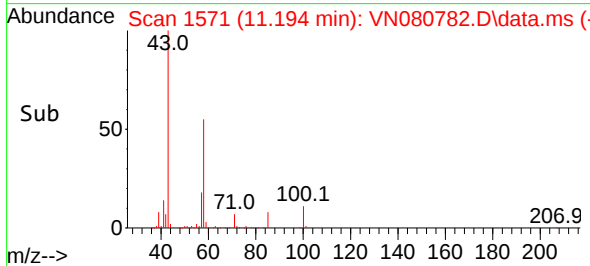
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 274156
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.8

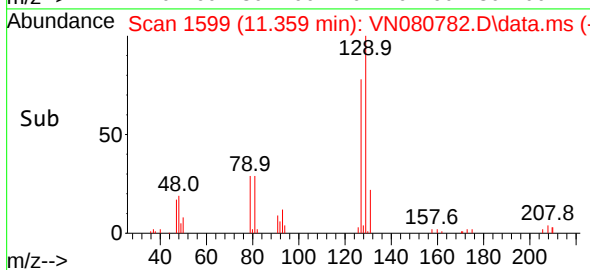
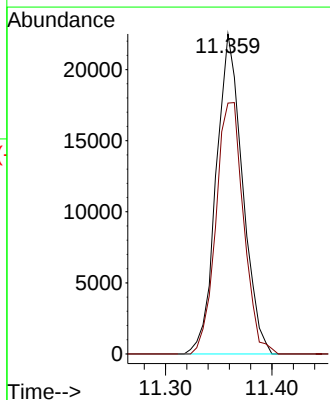
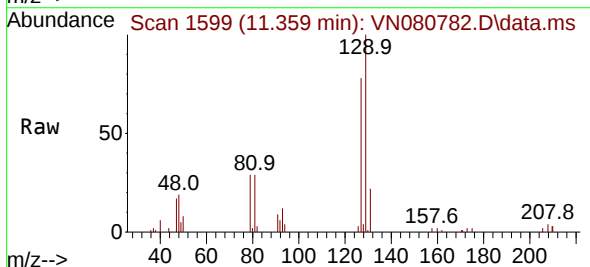
Manual Integrations
APPROVED

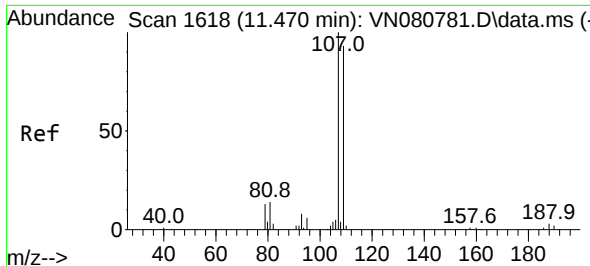
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#60
Dibromochloromethane
Concen: 17.475 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

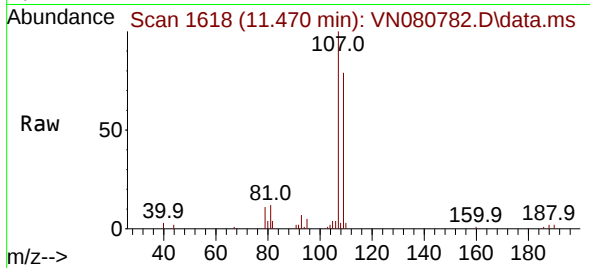
Tgt Ion:129 Resp: 38668
Ion Ratio Lower Upper
129 100
127 82.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 19.826 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

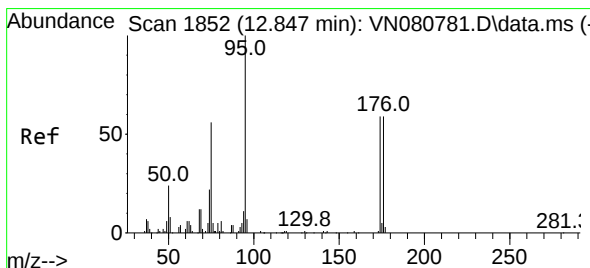
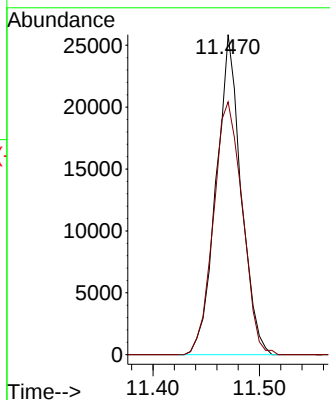
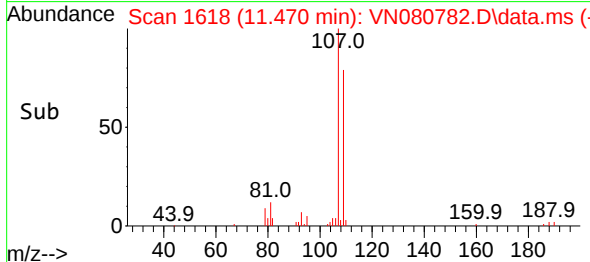
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



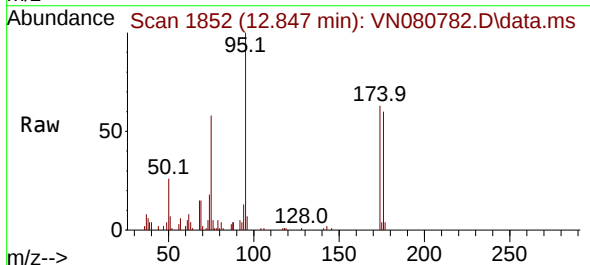
Tgt Ion:107 Resp: 4196
Ion Ratio Lower Upper
107 100
109 91.9 73.4 110.2

Manual Integrations
APPROVED

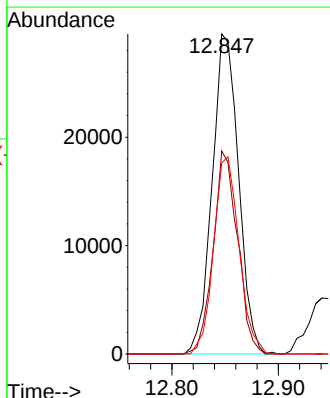
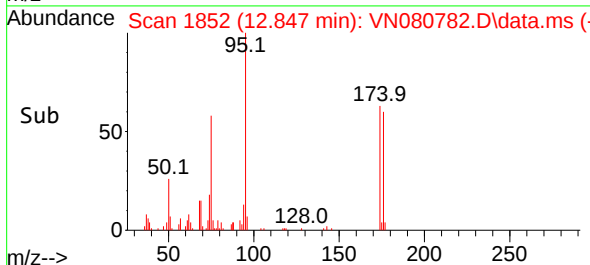
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

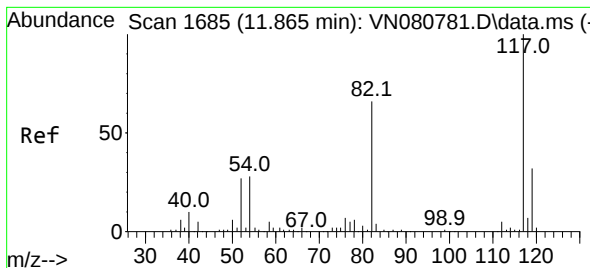


#62
4-Bromofluorobenzene
Concen: 20.469 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37



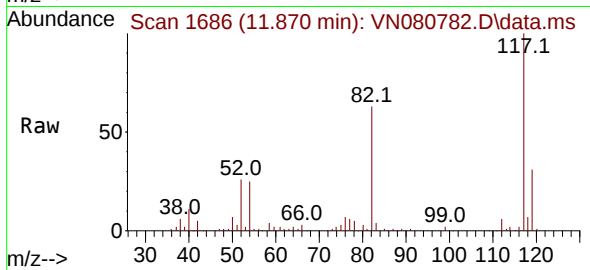
Tgt Ion: 95 Resp: 50744
Ion Ratio Lower Upper
95 100
174 58.7 0.0 120.4
176 59.6 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

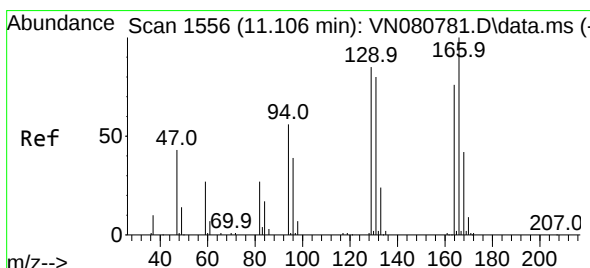
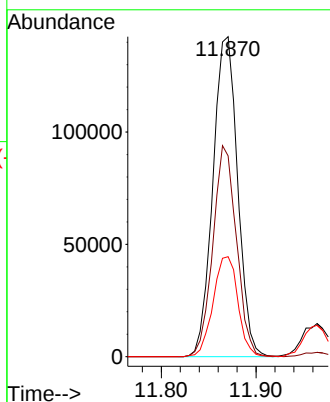
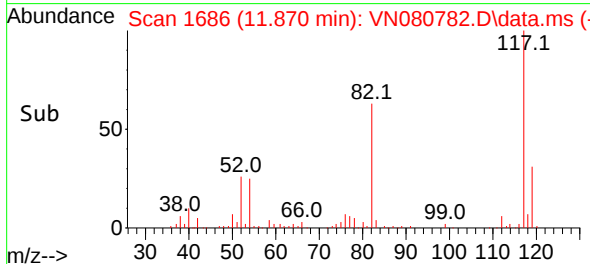
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 258472
Ion Ratio Lower Upper
117 100
82 62.7 52.7 79.1
119 31.2 25.3 37.9

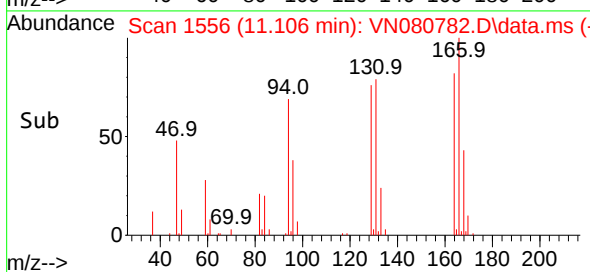
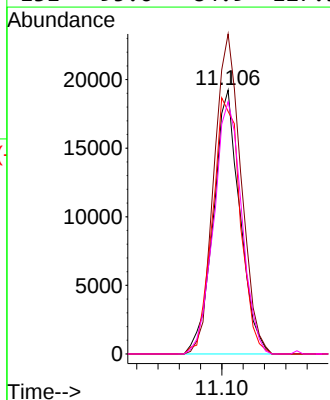
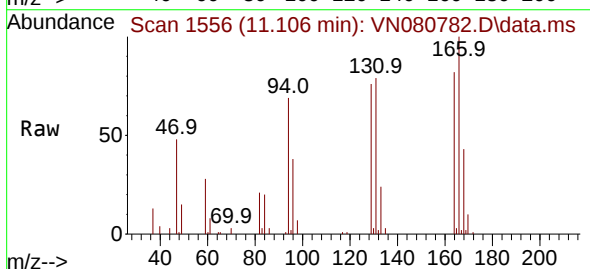
Manual Integrations
APPROVED

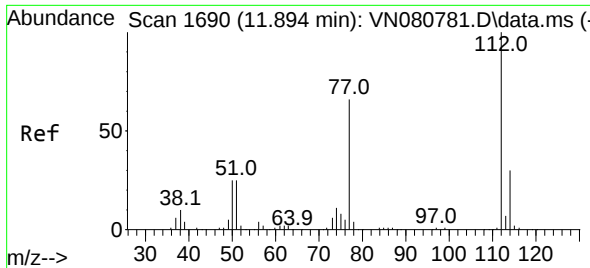
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#64
Tetrachloroethene
Concen: 18.687 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

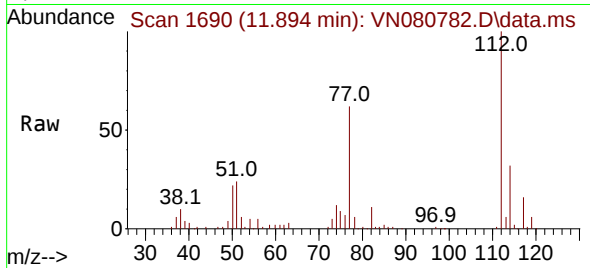
Tgt Ion:164 Resp: 33169
Ion Ratio Lower Upper
164 100
166 121.2 105.8 158.6
129 91.9 89.6 134.4
131 95.6 84.9 127.3





#65
Chlorobenzene
Concen: 19.254 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

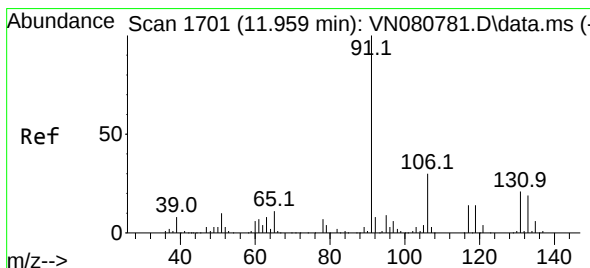
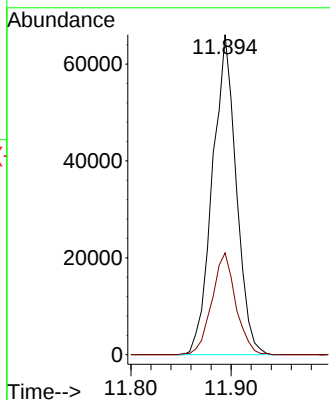
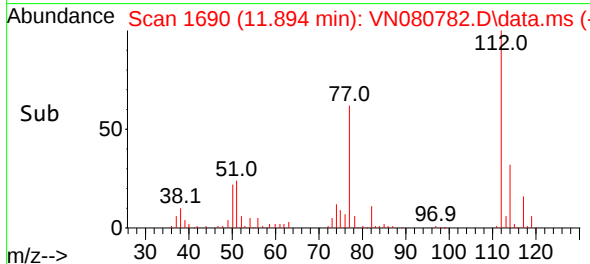
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



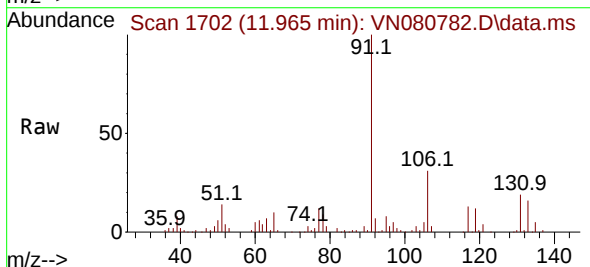
Tgt Ion:112 Resp: 108729
Ion Ratio Lower Upper
112 100
114 31.8 23.7 35.5

Manual Integrations
APPROVED

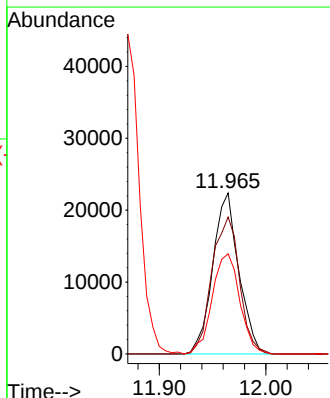
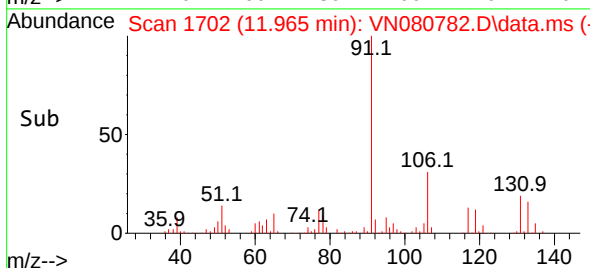
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

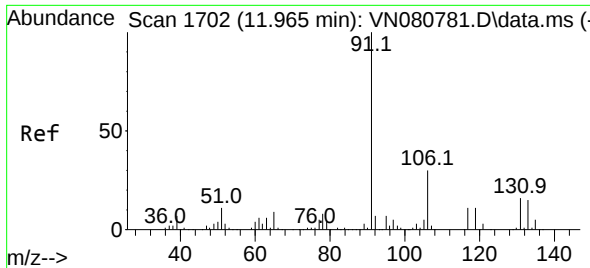


#66
1,1,1,2-Tetrachloroethane
Concen: 18.965 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37



Tgt Ion:131 Resp: 38024
Ion Ratio Lower Upper
131 100
133 90.0 46.8 140.3
119 66.0 34.6 103.9





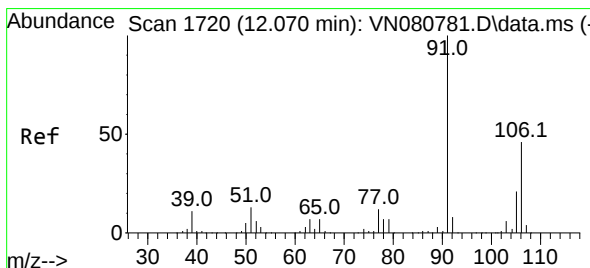
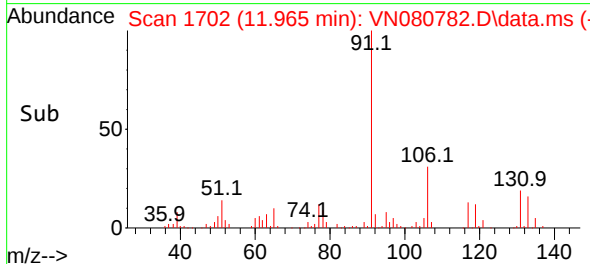
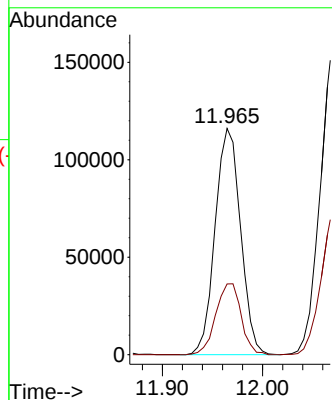
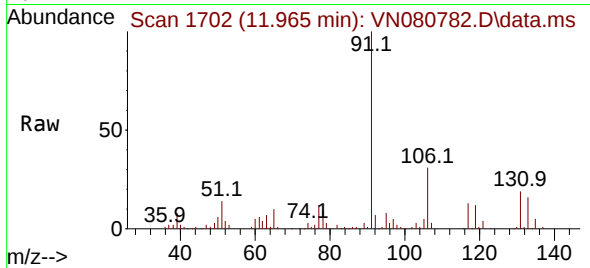
#67
Ethyl Benzene
Concen: 18.960 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 204452
Ion Ratio Lower Upper
91 100
106 31.3 23.8 35.6

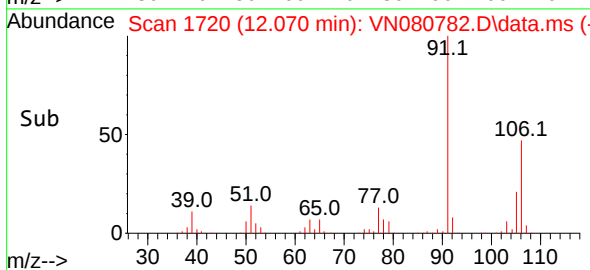
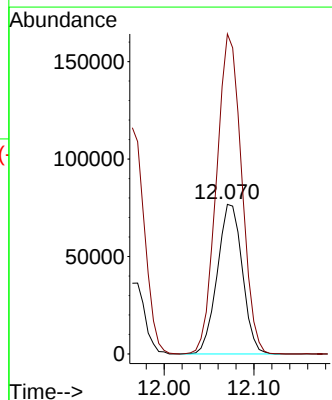
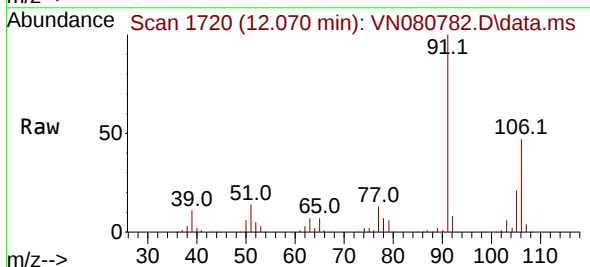
Manual Integrations
APPROVED

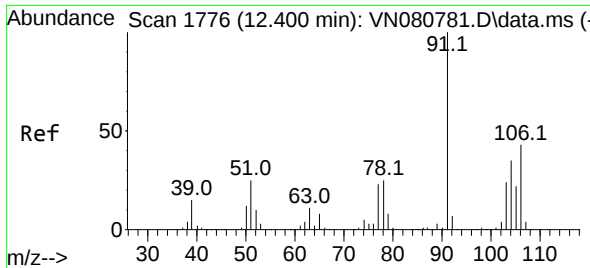
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#68
m/p-Xylenes
Concen: 39.258 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Tgt Ion:106 Resp: 148829
Ion Ratio Lower Upper
106 100
91 214.6 169.0 253.6





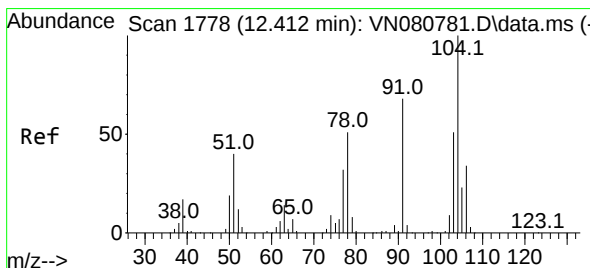
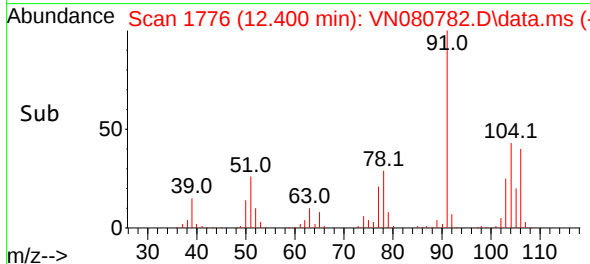
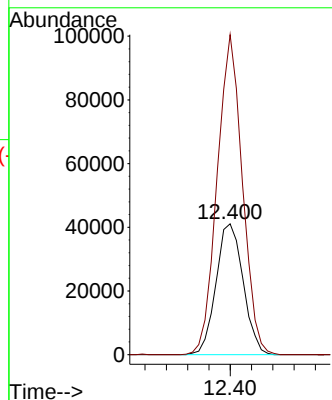
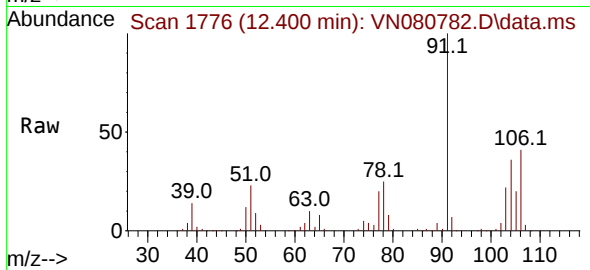
#69
o-Xylene
Concen: 19.571 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 72544
Ion Ratio Lower Upper
106 100
91 227.7 112.1 336.3

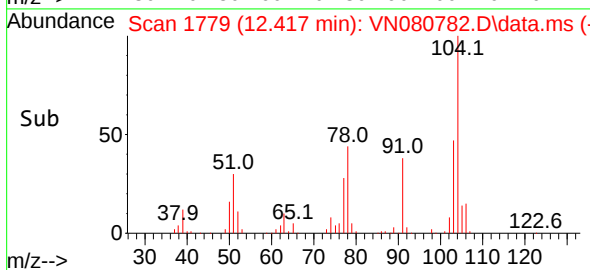
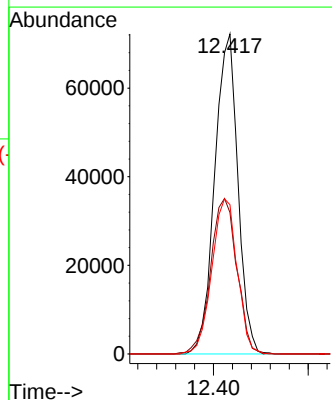
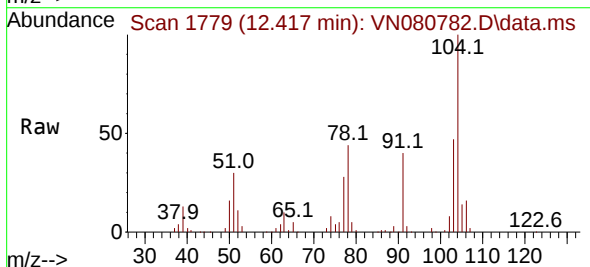
Manual Integrations
APPROVED

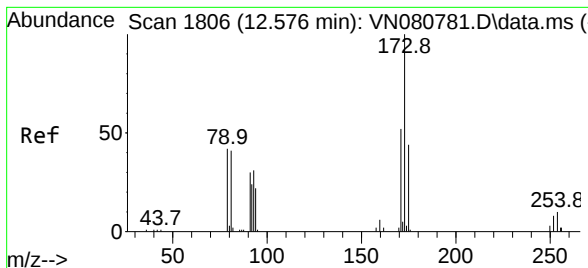
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#70
Styrene
Concen: 19.504 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Tgt Ion:104 Resp: 122764
Ion Ratio Lower Upper
104 100
78 55.1 43.8 65.8
103 53.0 44.2 66.2





#71

Bromoform

Concen: 18.751 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

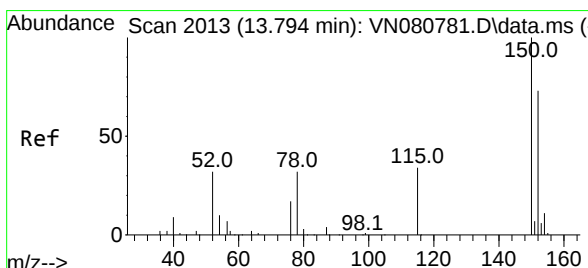
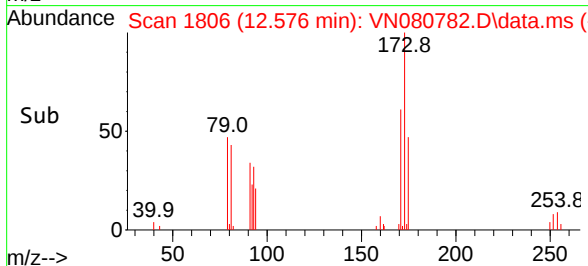
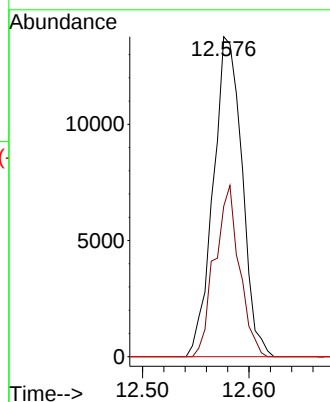
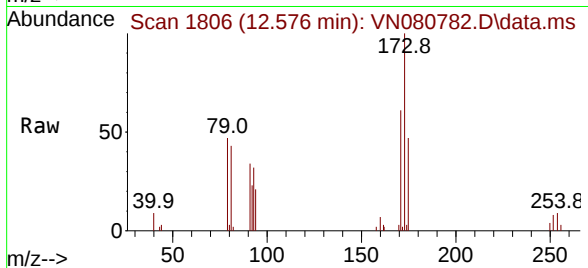
Tgt Ion:	173	Resp:	2586
Ion Ratio	Lower	Upper	
173	100		
175	45.9	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

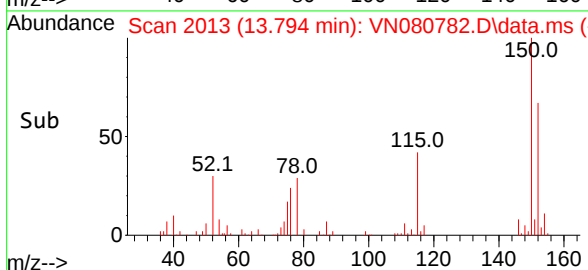
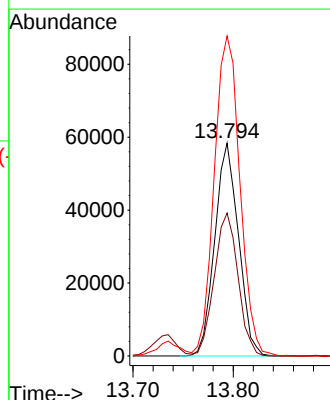
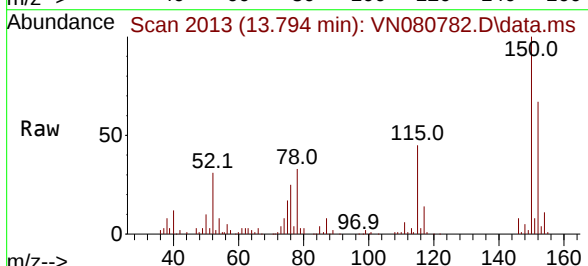
RT: 13.794 min Scan# 2013

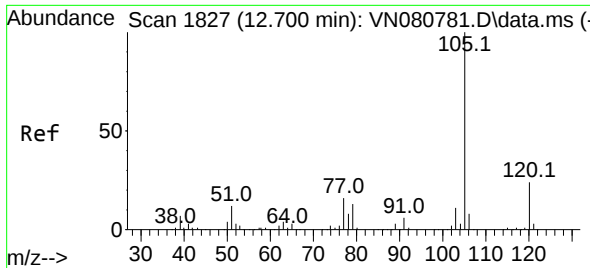
Delta R.T. -0.000 min

Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

Tgt Ion:	152	Resp:	95795
Ion Ratio	Lower	Upper	
152	100		
115	67.4	32.3	96.8
150	162.6	0.0	339.8





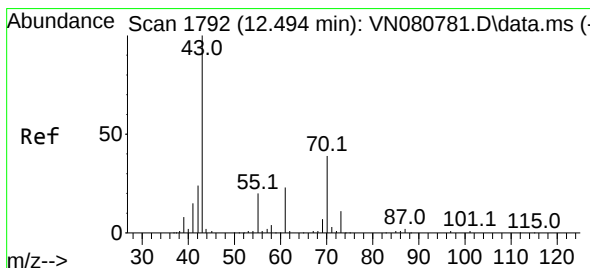
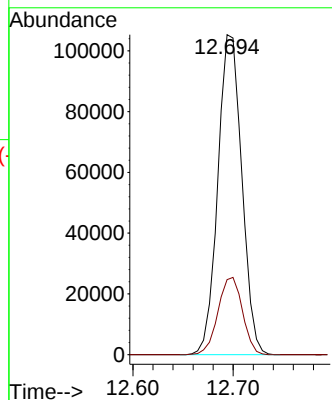
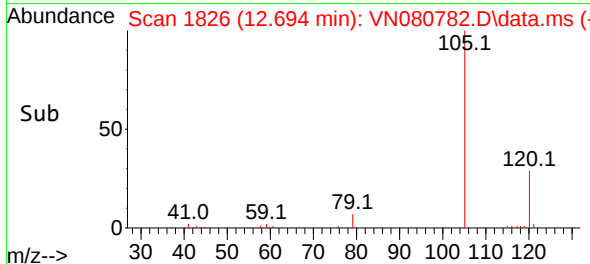
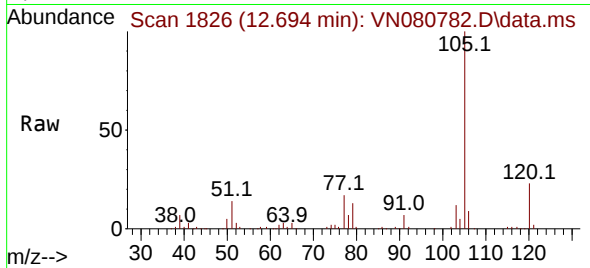
#73
Isopropylbenzene
Concen: 19.201 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 17490
Ion Ratio Lower Upper
105 100
120 24.6 12.6 37.6

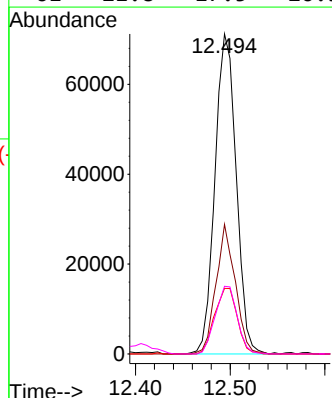
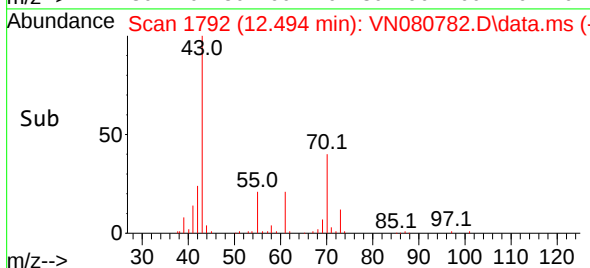
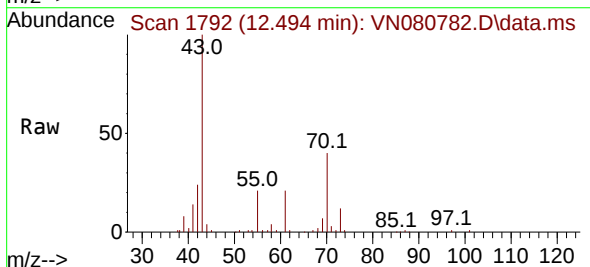
Manual Integrations
APPROVED

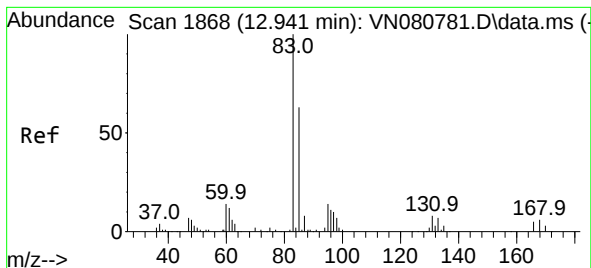
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#74
N-ethyl acetate
Concen: 20.338 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Tgt Ion: 43 Resp: 111184
Ion Ratio Lower Upper
43 100
70 36.8 30.1 45.1
55 21.8 17.0 25.4
61 21.8 17.5 26.3





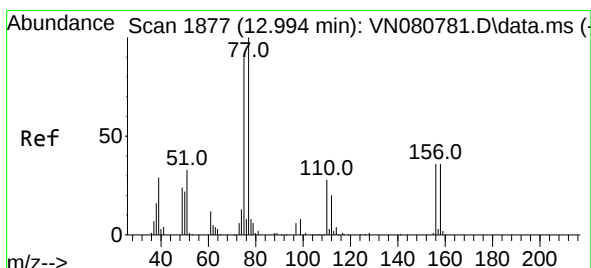
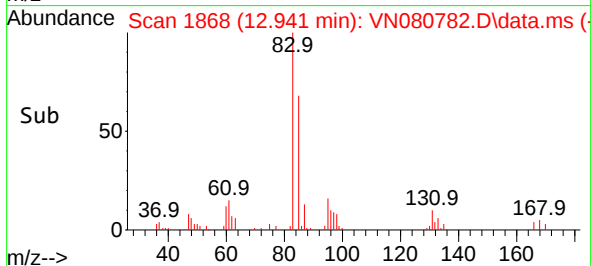
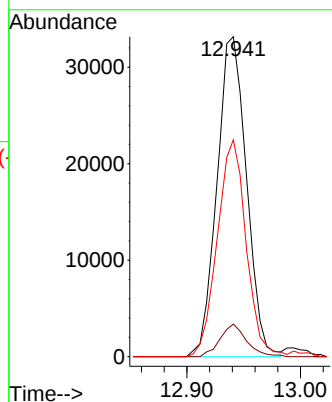
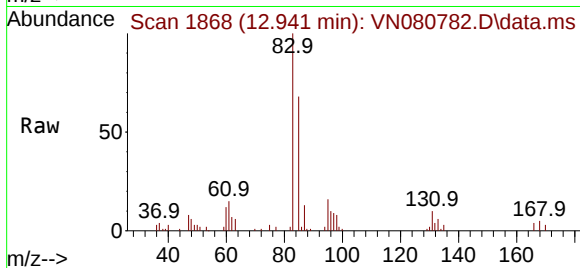
#75
1,1,2,2-Tetrachloroethane
Concen: 20.033 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 5986
Ion Ratio Lower Upper
83 100
131 9.2 4.1 12.3
85 66.1 32.1 96.3

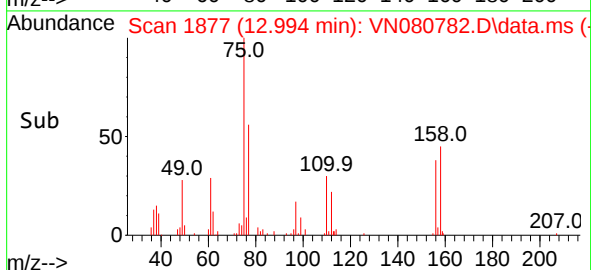
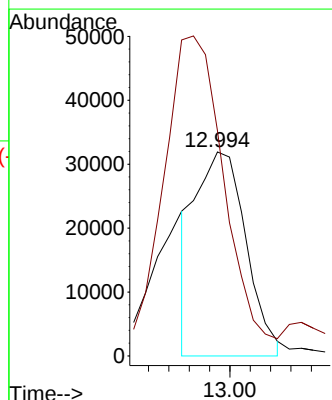
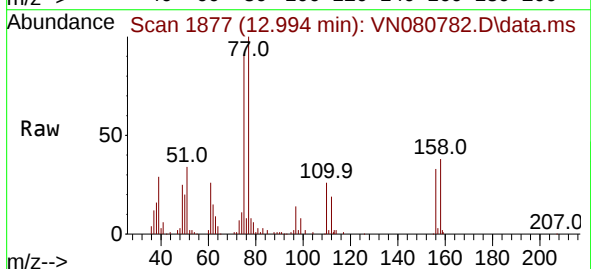
Manual Integrations
APPROVED

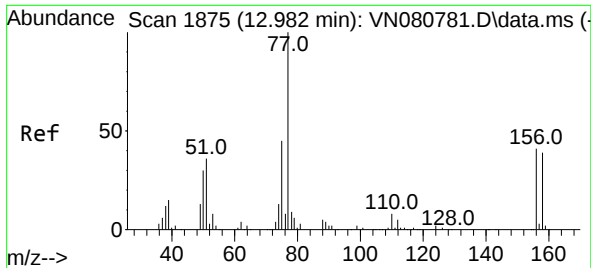
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#76
1,2,3-Trichloropropane
Concen: 18.703 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Tgt Ion: 75 Resp: 55248
Ion Ratio Lower Upper
75 100
77 190.8 91.0 272.8





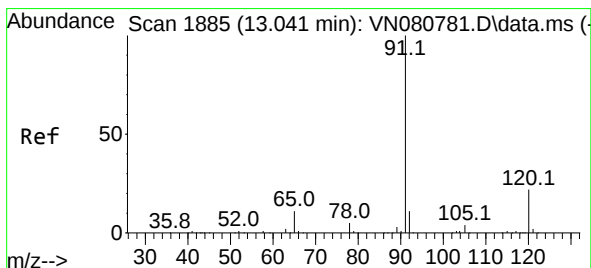
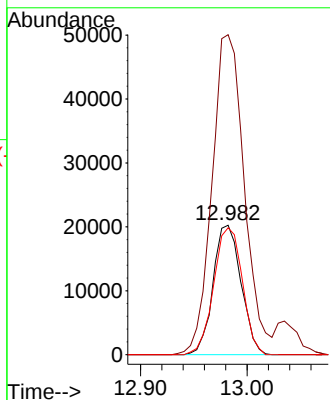
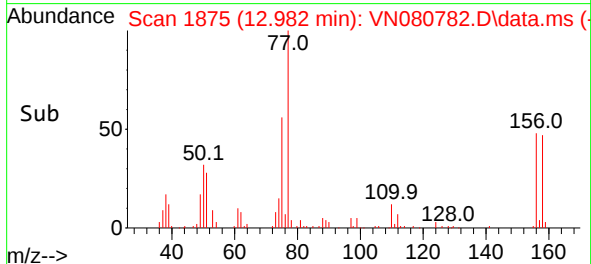
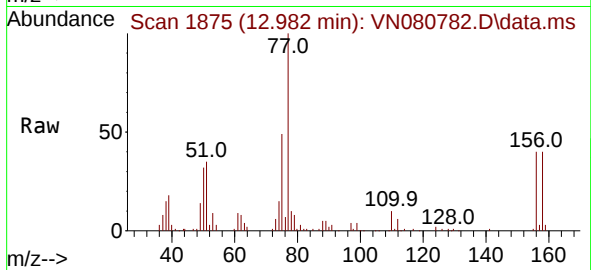
#77
Bromobenzene
Concen: 19.073 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 3690
Ion Ratio Lower Upper
156 100
77 285.7 138.1 414.3
158 100.5 46.5 139.5

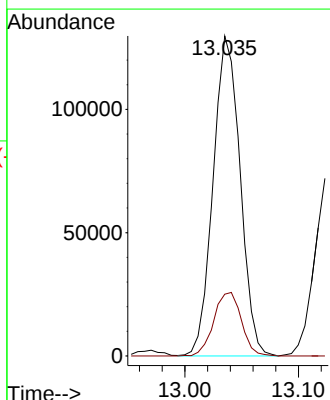
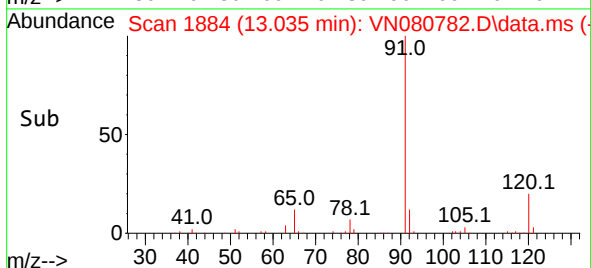
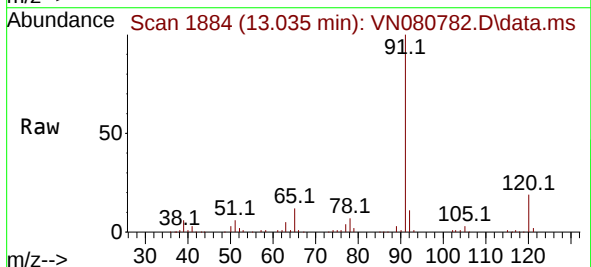
Manual Integrations
APPROVED

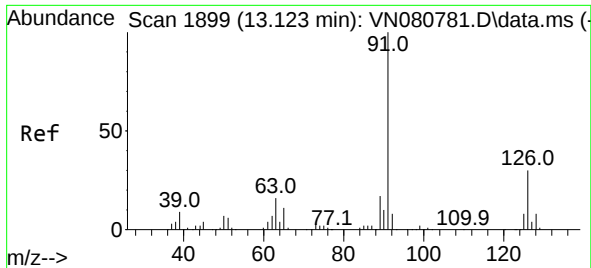
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#78
n-propylbenzene
Concen: 19.198 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Tgt Ion: 91 Resp: 214531
Ion Ratio Lower Upper
91 100
120 20.3 10.3 30.9





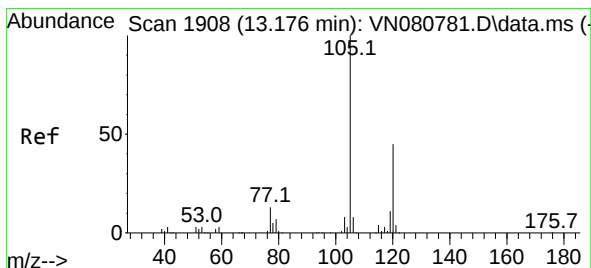
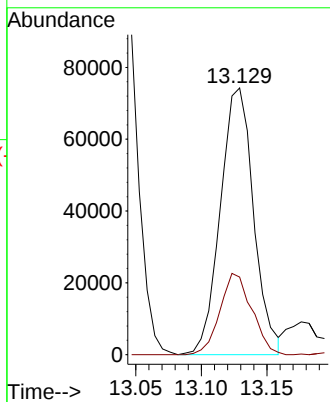
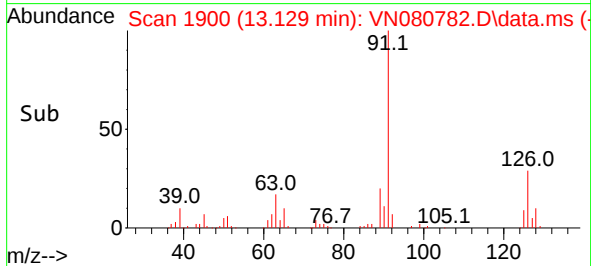
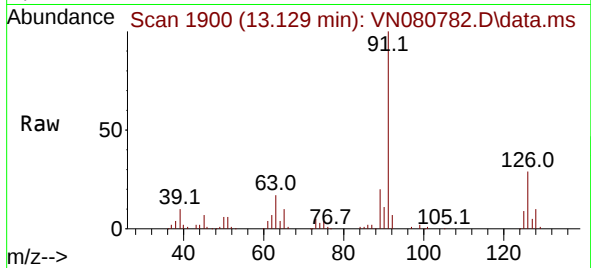
#79
2-Chlorotoluene
Concen: 18.336 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 131309
Ion Ratio Lower Upper
91 100
126 29.1 14.8 44.4

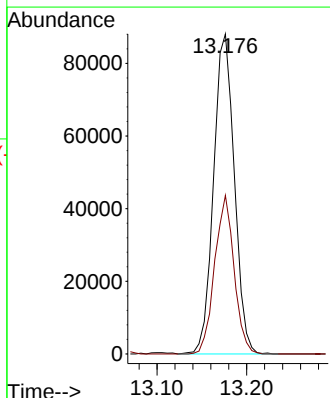
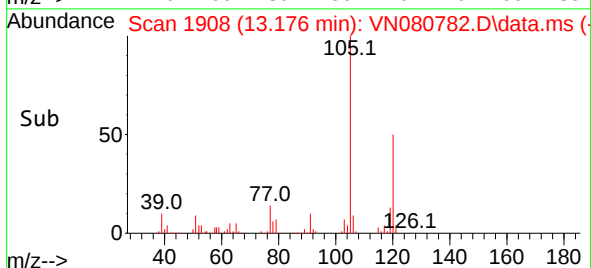
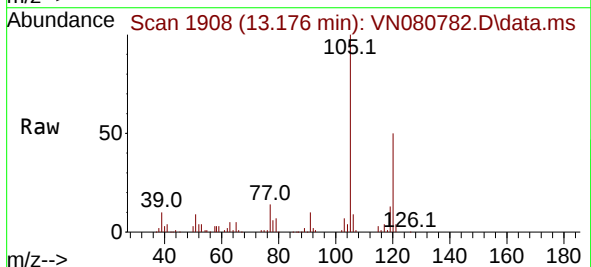
Manual Integrations
APPROVED

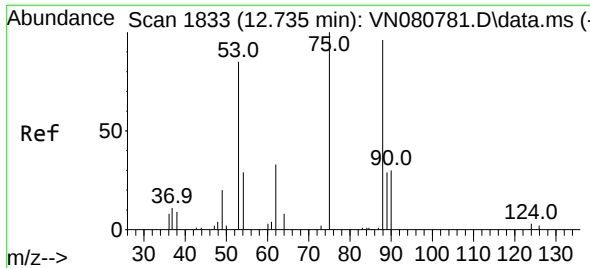
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.618 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

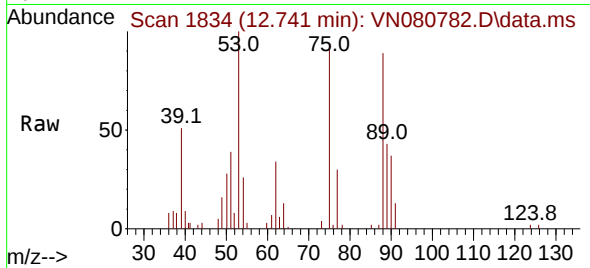
Tgt Ion:105 Resp: 141344
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.021 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

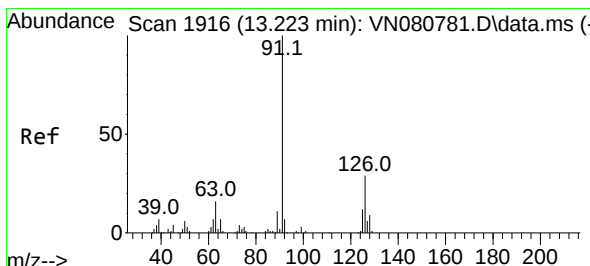
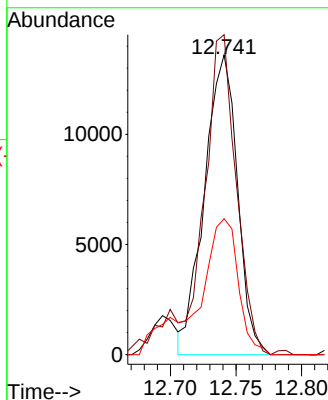
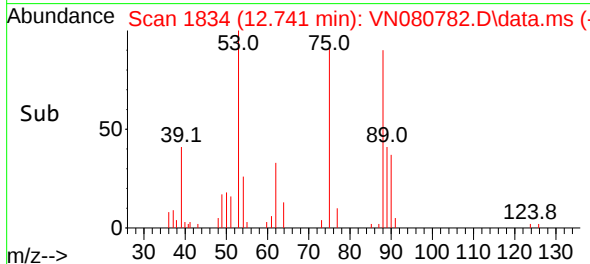
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 23834
Ion Ratio Lower Upper
75 100
53 112.1 71.4 107.2
89 56.8 33.4 50.0

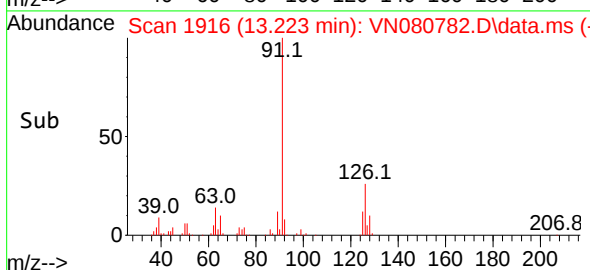
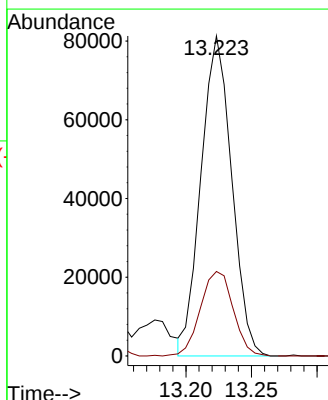
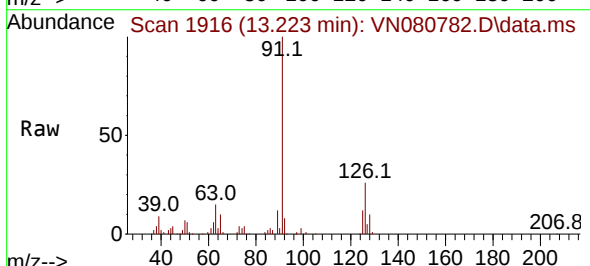
Manual Integrations
APPROVED

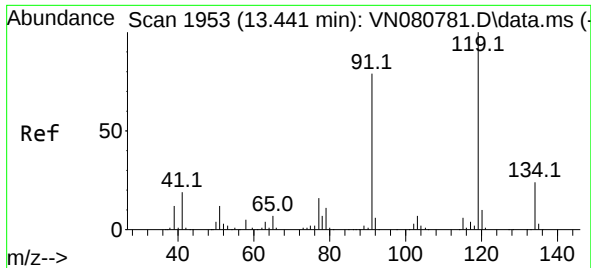
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#82
4-Chlorotoluene
Concen: 18.842 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

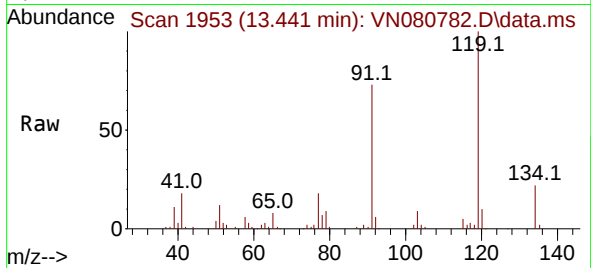
Tgt Ion: 91 Resp: 132287
Ion Ratio Lower Upper
91 100
126 28.2 15.3 45.9





#83
tert-Butylbenzene
Concen: 18.534 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

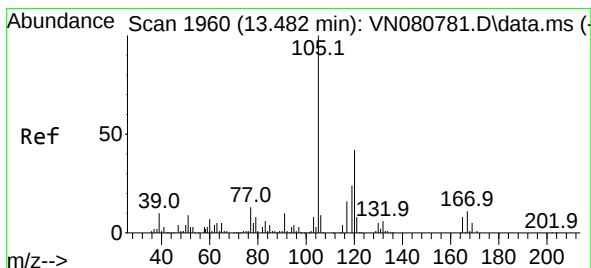
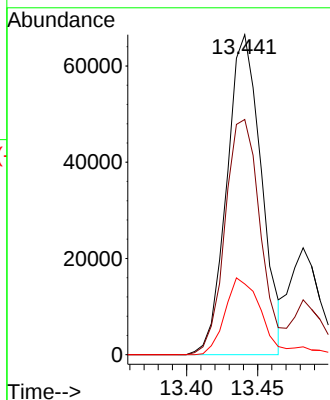
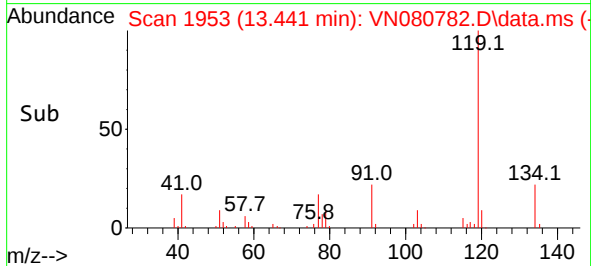
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



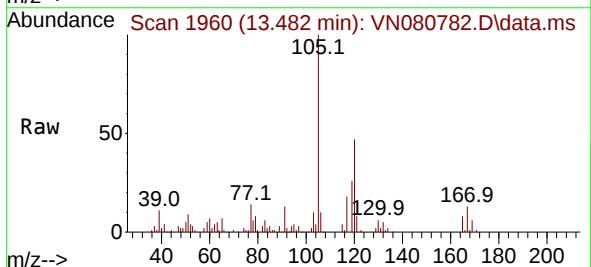
Tgt Ion:119 Resp: 112485
Ion Ratio Lower Upper
119 100
91 76.2 36.8 110.4
134 26.2 12.4 37.4

Manual Integrations
APPROVED

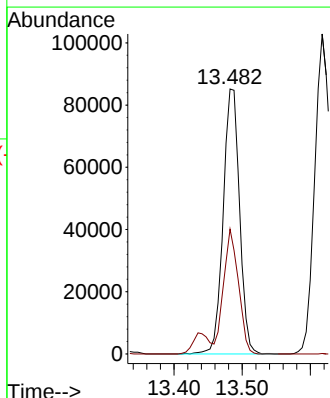
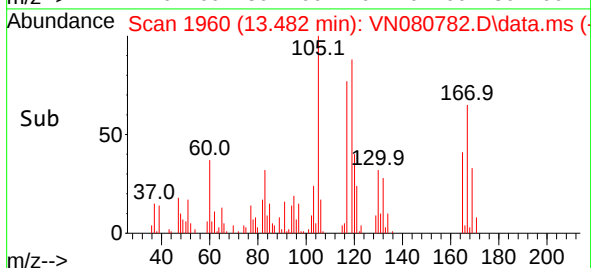
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

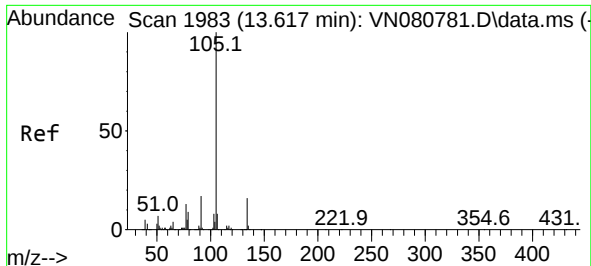


#84
1,2,4-Trimethylbenzene
Concen: 19.108 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37



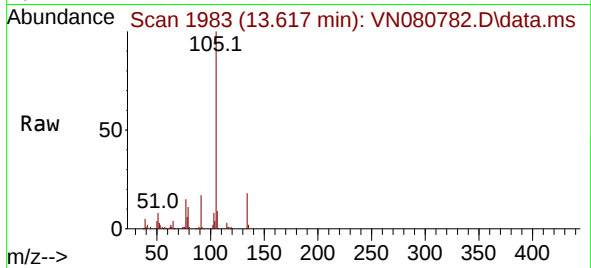
Tgt Ion:105 Resp: 142645
Ion Ratio Lower Upper
105 100
120 42.7 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 19.467 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080782.D
 Acq: 29 Jan 2024 10:37

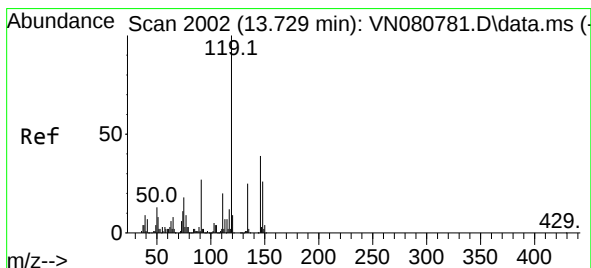
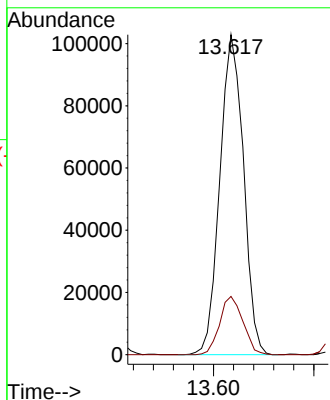
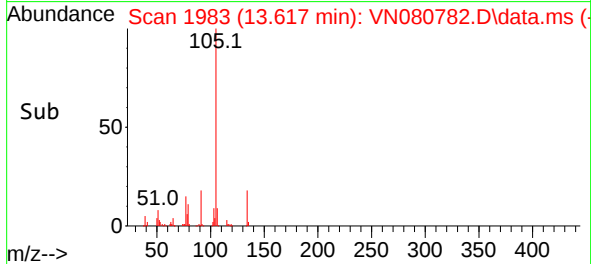
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 167869
 Ion Ratio Lower Upper
 105 100
 134 17.9 8.6 25.8

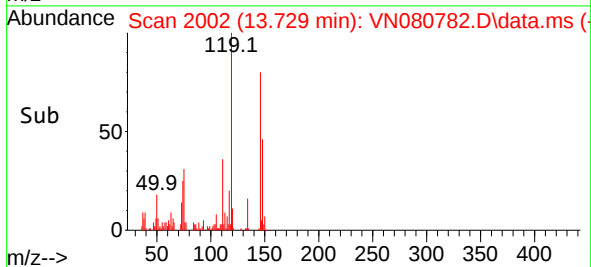
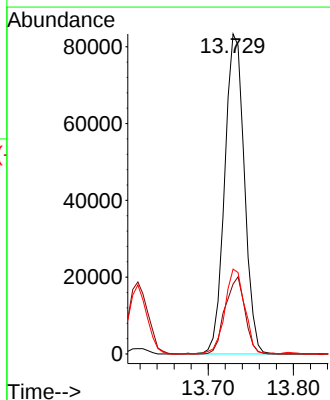
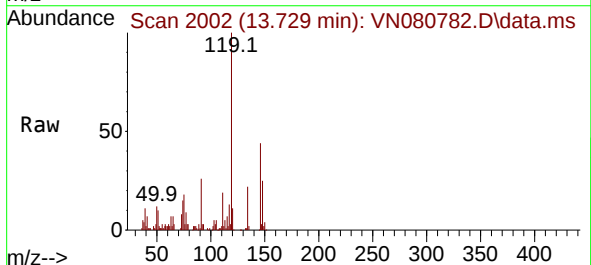
Manual Integrations
 APPROVED

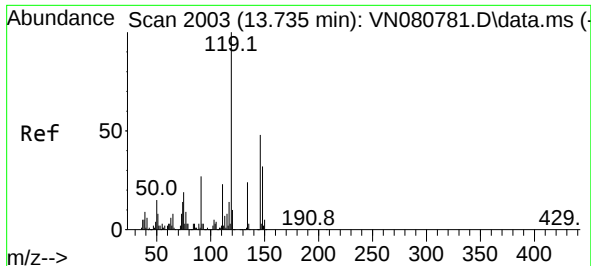
Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/30/2024



#86
 p-Isopropyltoluene
 Concen: 19.625 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080782.D
 Acq: 29 Jan 2024 10:37

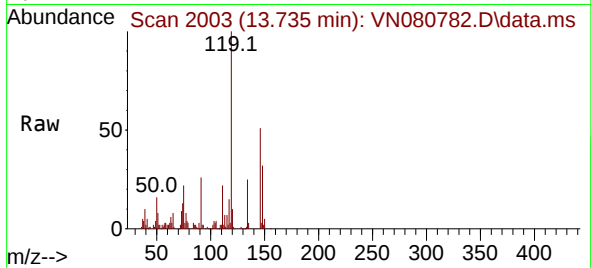
Tgt Ion:119 Resp: 133656
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.4 37.2
 91 26.8 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 19.103 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

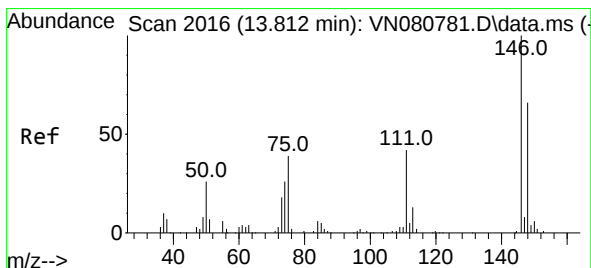
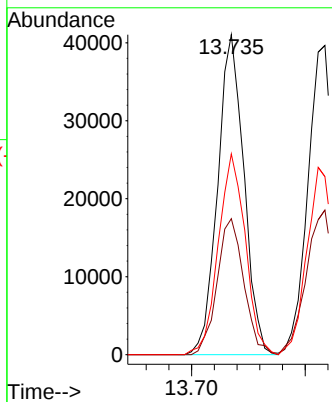
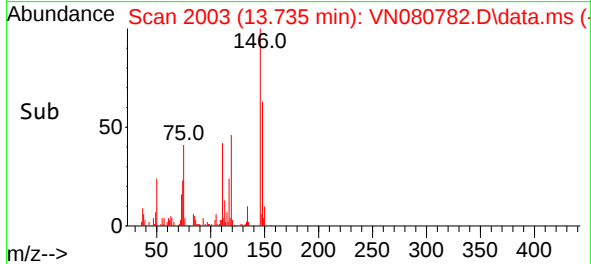
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 6601
Ion Ratio Lower Upper
146 100
111 43.2 23.9 71.7
148 64.4 32.6 97.7

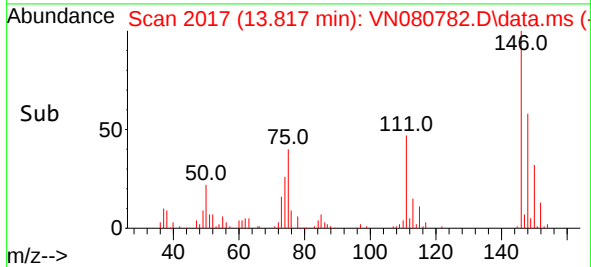
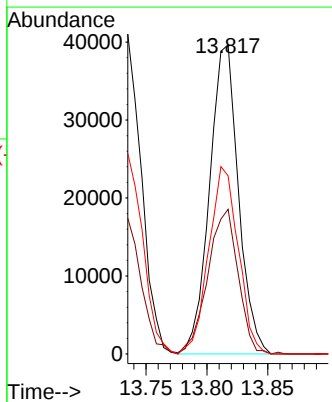
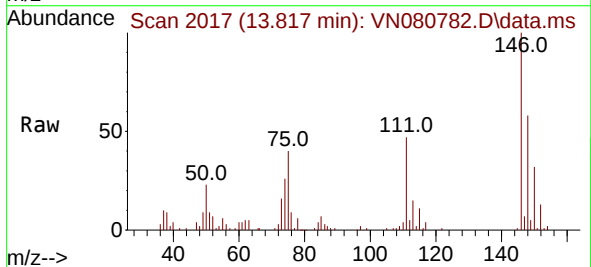
Manual Integrations
APPROVED

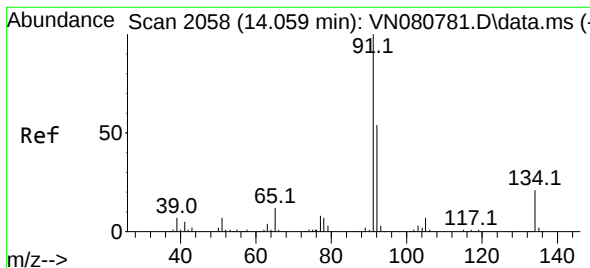
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#88
1,4-Dichlorobenzene
Concen: 18.581 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Tgt Ion:146 Resp: 65415
Ion Ratio Lower Upper
146 100
111 49.2 22.6 67.7
148 62.0 31.9 95.5





#89
n-Butylbenzene
Concen: 19.059 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Instrument :

MSVOA_N

ClientSampleId :

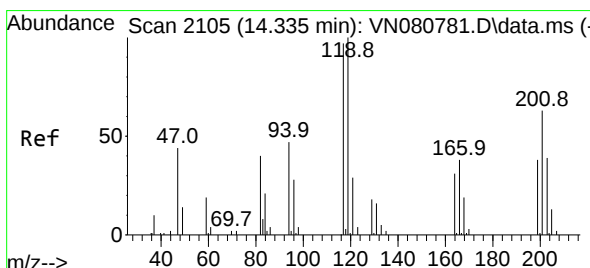
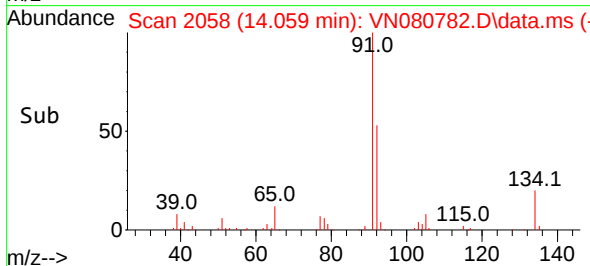
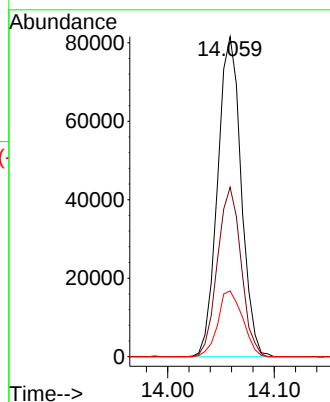
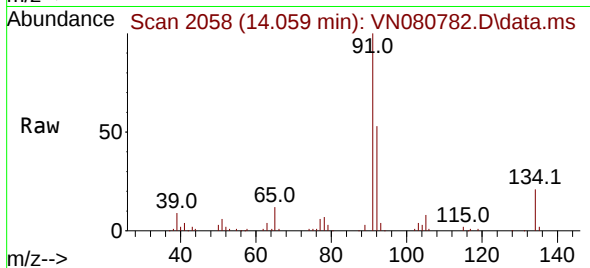
VSTDIC020

Tgt Ion: 91 Resp: 125110
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.1
134 21.7 10.8 32.4

Manual Integrations

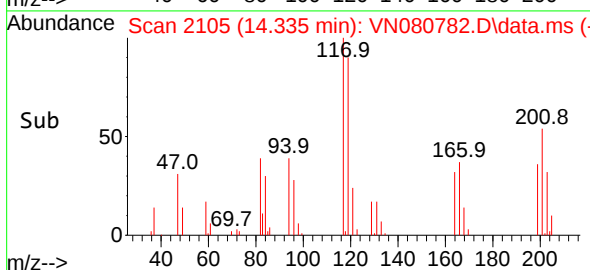
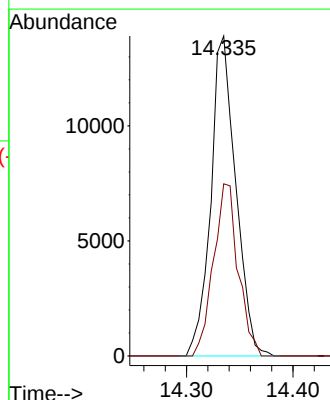
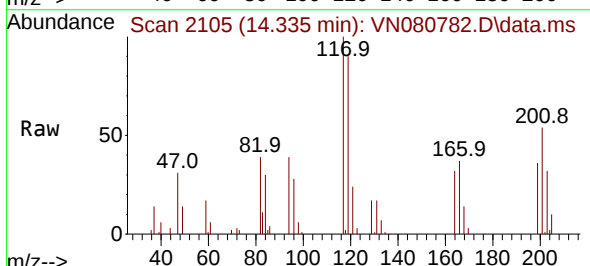
APPROVED

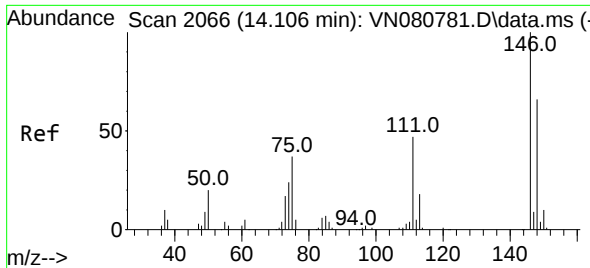
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#90
Hexachloroethane
Concen: 17.935 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Tgt Ion:117 Resp: 22652
Ion Ratio Lower Upper
117 100
201 53.1 30.0 90.0





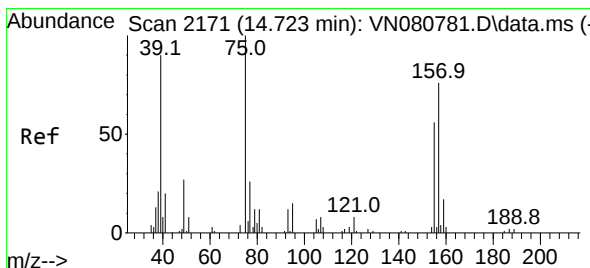
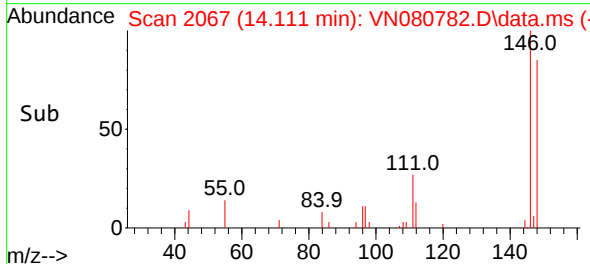
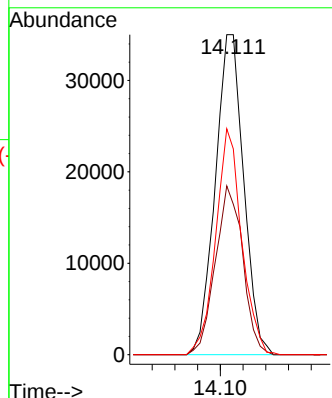
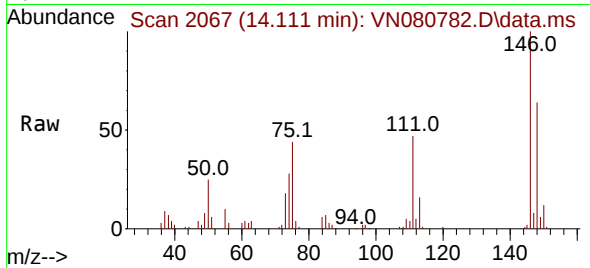
#91
1,2-Dichlorobenzene
Concen: 18.683 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 6084
Ion Ratio Lower Upper
146 100
111 50.9 23.9 71.8
148 64.6 31.4 94.0

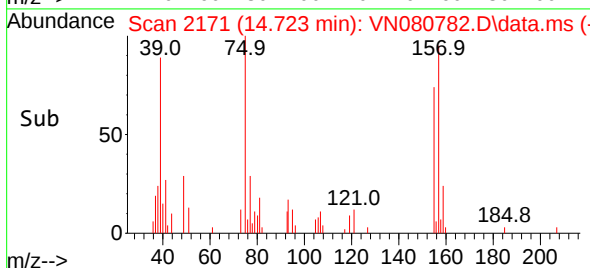
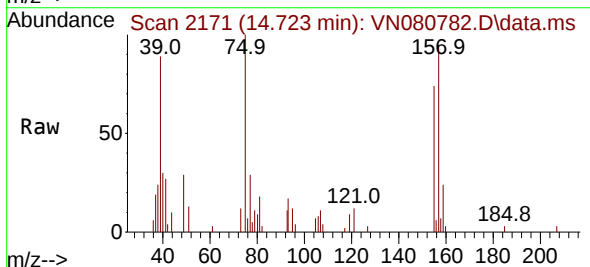
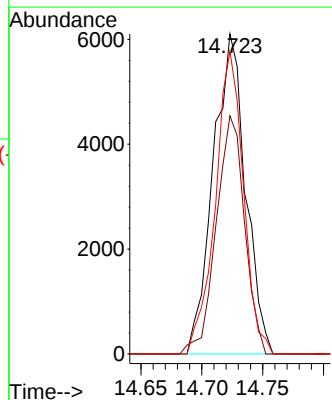
Manual Integrations
APPROVED

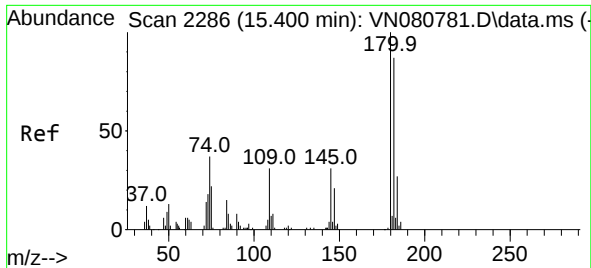
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.156 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

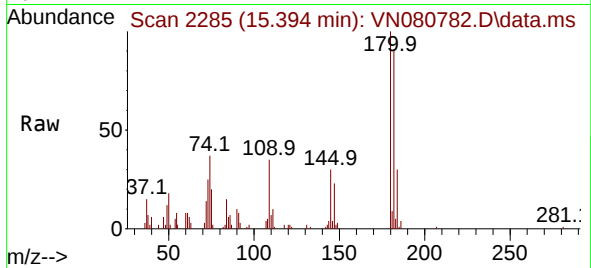
Tgt Ion: 75 Resp: 11274
Ion Ratio Lower Upper
75 100
155 65.2 31.8 95.4
157 82.3 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 18.583 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37

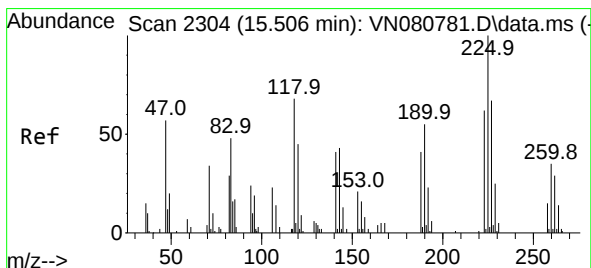
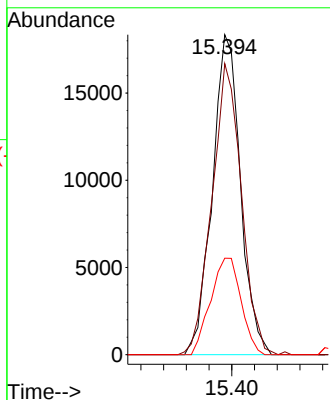
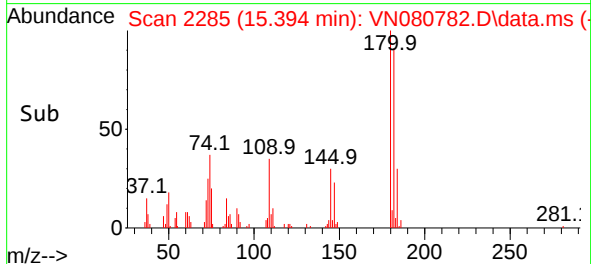
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



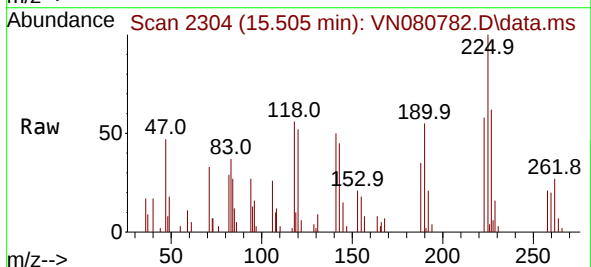
Tgt Ion:180 Resp: 31510
Ion Ratio Lower Upper
180 100
182 95.5 46.6 139.7
145 32.6 16.8 50.3

Manual Integrations
APPROVED

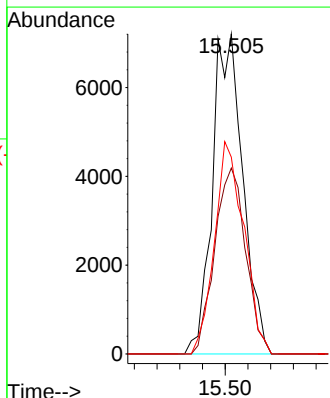
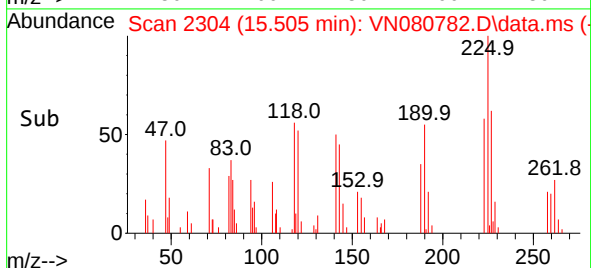
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/30/2024

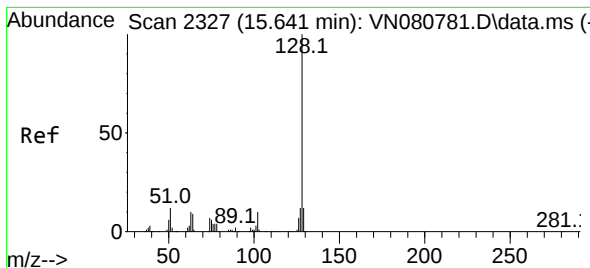


#94
Hexachlorobutadiene
Concen: 16.448 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN080782.D
Acq: 29 Jan 2024 10:37



Tgt Ion:225 Resp: 13387
Ion Ratio Lower Upper
225 100
223 59.4 33.3 99.8
227 64.3 33.1 99.2





#95

Naphthalene

Concen: 18.582 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:128 Resp: 124029

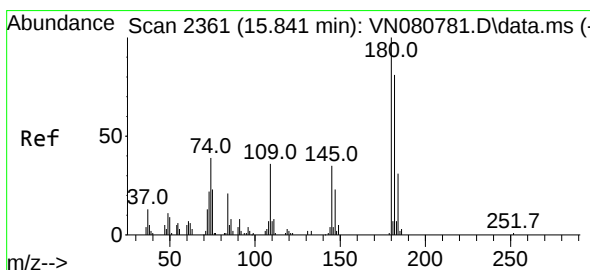
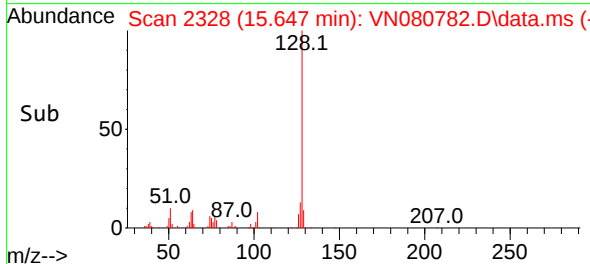
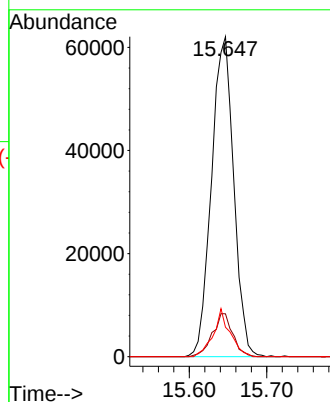
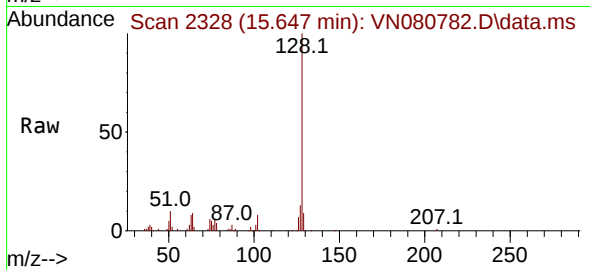
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.0	15.0
129	11.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/30/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.853 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080782.D

Acq: 29 Jan 2024 10:37

Tgt Ion:180 Resp: 30950

Ion	Ratio	Lower	Upper
180	100		
182	91.1	46.5	139.3
145	34.1	17.8	53.4

