

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077781.D
 Acq On : 22 May 2023 11:43
 Operator : JC\MD
 Sample : VN0522WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2023
 Supervised By : Mahesh Dadoda 05/23/2023

Quant Time: May 23 04:18:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	406810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	724013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	614547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	259315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	294810	48.433	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.860%
35) Dibromofluoromethane	8.177	113	253851	53.768	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.540%
50) Toluene-d8	10.571	98	937742	51.603	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.853	95	306996	47.833	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	83613	18.060	ug/l	97
3) Chloromethane	2.365	50	84420	15.979	ug/l	100
4) Vinyl Chloride	2.524	62	95973	16.442	ug/l	96
5) Bromomethane	2.971	94	74475	17.251	ug/l	98
6) Chloroethane	3.136	64	67949	16.153	ug/l	96
7) Trichlorofluoromethane	3.512	101	156696	19.262	ug/l	98
8) Diethyl Ether	3.971	74	53949	18.166	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.383	101	88108	19.571	ug/l	97
10) Methyl Iodide	4.606	142	104931	19.544	ug/l	95
11) Tert butyl alcohol	5.536	59	65533	78.011	ug/l	96
12) 1,1-Dichloroethene	4.353	96	80263	18.759	ug/l	94
13) Acrolein	4.194	56	54616	85.613	ug/l	98
14) Allyl chloride	5.036	41	120642	19.193	ug/l	93
15) Acrylonitrile	5.736	53	188365	83.930	ug/l	99
16) Acetone	4.442	43	167980	87.717	ug/l	93
17) Carbon Disulfide	4.724	76	179427	15.563	ug/l	99
18) Methyl Acetate	5.042	43	138729	17.268	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	284553	18.373	ug/l	98
20) Methylene Chloride	5.283	84	94370	17.655	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	85238	17.735	ug/l	84
22) Diisopropyl ether	6.683	45	261048	17.718	ug/l	96
23) Vinyl Acetate	6.618	43	759464	83.198	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	169440	18.772	ug/l	97
25) 2-Butanone	7.494	43	244891	81.748	ug/l	95
26) 2,2-Dichloropropane	7.500	77	145847	19.019	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	107731	18.694	ug/l	93
28) Bromochloromethane	7.824	49	65864	16.872	ug/l	91
29) Tetrahydrofuran	7.847	42	153449	78.229	ug/l	85
30) Chloroform	7.971	83	180894	18.218	ug/l	94
31) Cyclohexane	8.265	56	142106	17.177	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	159962	18.949	ug/l	97
36) 1,1-Dichloropropene	8.382	75	130040	18.831	ug/l	97
37) Ethyl Acetate	7.571	43	96220	15.633	ug/l	96
38) Carbon Tetrachloride	8.371	117	140448	20.141	ug/l	94
39) Methylcyclohexane	9.612	83	155386	18.380	ug/l	90
40) Benzene	8.612	78	393655	19.318	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	53247	16.244	ug/l	94
42) 1,2-Dichloroethane	8.677	62	136902	18.494	ug/l	99
43) Isopropyl Acetate	8.694	43	177596	17.665	ug/l	95
44) Trichloroethene	9.359	130	104472	20.247	ug/l	94
45) 1,2-Dichloropropane	9.629	63	102033	19.630	ug/l	100
46) Dibromomethane	9.712	93	69434	18.668	ug/l	94
47) Bromodichloromethane	9.894	83	141159	19.823	ug/l	99
48) Methyl methacrylate	9.688	41	80209	16.828	ug/l	92
49) 1,4-Dioxane	9.712	88	29957	332.756	ug/l #	82
51) 4-Methyl-2-Pentanone	10.453	43	512355	85.737	ug/l	93
52) Toluene	10.635	92	244905	19.305	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	135688	17.994	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	159103	19.146	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	101672	20.184	ug/l	96
56) Ethyl methacrylate	10.882	69	131762	17.300	ug/l	90
57) 1,3-Dichloropropane	11.171	76	161441	18.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.171	63	274221	73.186	ug/l	93
59) 2-Hexanone	11.200	43	350582	79.315	ug/l	93
60) Dibromochloromethane	11.365	129	104716	20.137	ug/l	100
61) 1,2-Dibromoethane	11.476	107	92878	18.482	ug/l	93
64) Tetrachloroethene	11.112	164	100130	23.299	ug/l	99
65) Chlorobenzene	11.900	112	262360	19.693	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.970	131	101894	22.104	ug/l	98
67) Ethyl Benzene	11.970	91	462347	19.365	ug/l	97
68) m/p-Xylenes	12.076	106	356052	39.358	ug/l	100
69) o-Xylene	12.406	106	175150	19.687	ug/l	100
70) Styrene	12.417	104	268878	19.025	ug/l	97
71) Bromoform	12.582	173	65877	21.482	ug/l #	97
73) Isopropylbenzene	12.700	105	457602	20.472	ug/l	100
74) N-amyl acetate	12.500	43	130908	15.844	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.947	83	127213	18.499	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	113257m	17.440	ug/l	
77) Bromobenzene	12.988	156	98237	19.258	ug/l	99
78) n-propylbenzene	13.041	91	509473	19.333	ug/l	99
79) 2-Chlorotoluene	13.135	91	312157	19.851	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	389274	20.720	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	34974	17.215	ug/l	90
82) 4-Chlorotoluene	13.229	91	291060	18.603	ug/l	99
83) tert-Butylbenzene	13.447	119	335808	20.475	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	377133	20.411	ug/l	100
85) sec-Butylbenzene	13.623	105	464751	19.939	ug/l	99
86) p-Isopropyltoluene	13.735	119	381018	20.504	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	182805	19.378	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	174065	18.594	ug/l	98
89) n-Butylbenzene	14.064	91	313855	18.363	ug/l	98
90) Hexachloroethane	14.341	117	64606	21.164	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	180649	20.498	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21765	16.348	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	79389	15.415	ug/l	96
94) Hexachlorobutadiene	15.506	225	42603	19.924	ug/l	98
95) Naphthalene	15.647	128	223335	12.599	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	80654	15.995	ug/l	96

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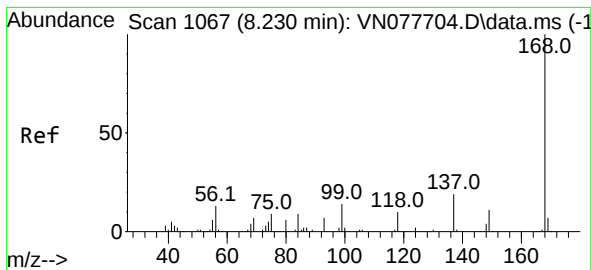
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Response via : Initial Calibration

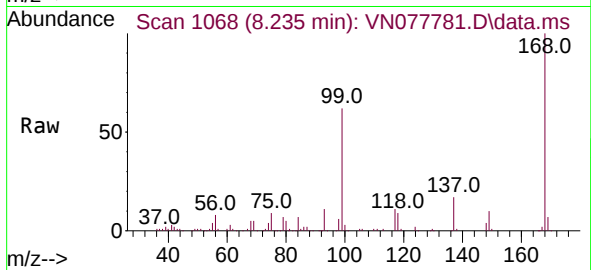
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
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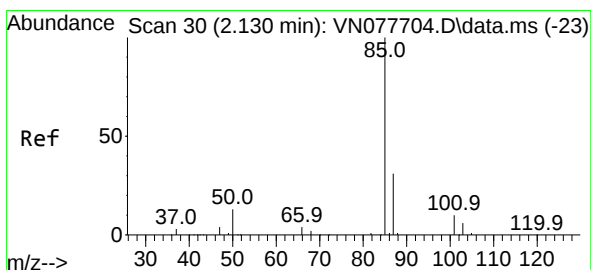
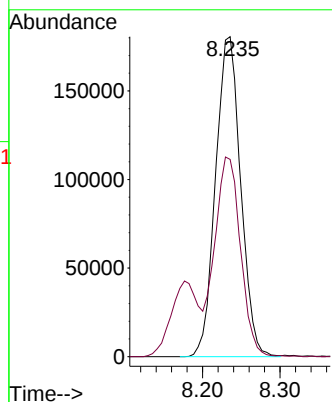
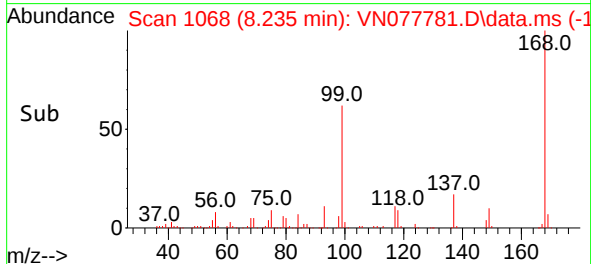
Instrument :
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ClientSampleId :
VN0522WBS01



Tgt Ion:168 Resp: 406810
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6

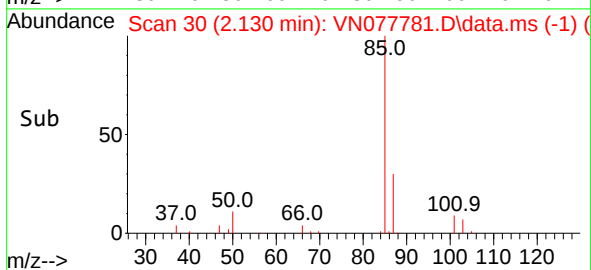
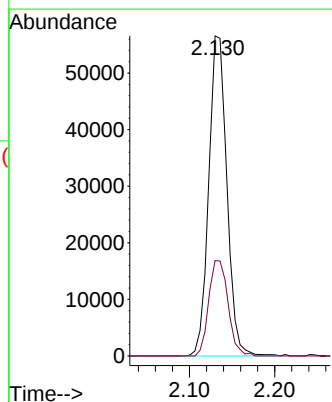
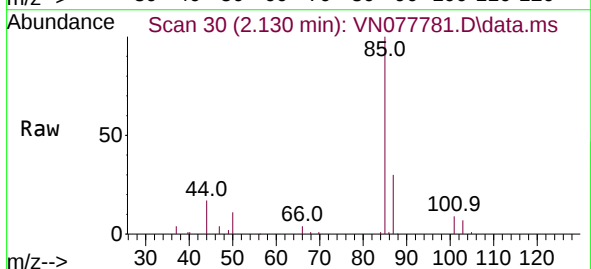
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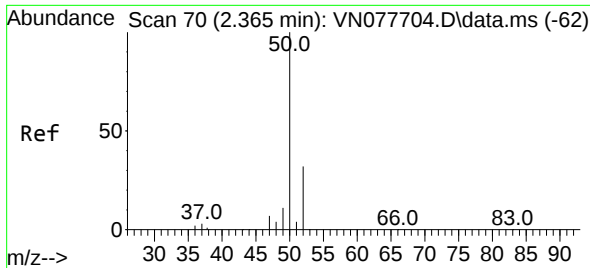
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#2
Dichlorodifluoromethane
Concen: 18.060 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

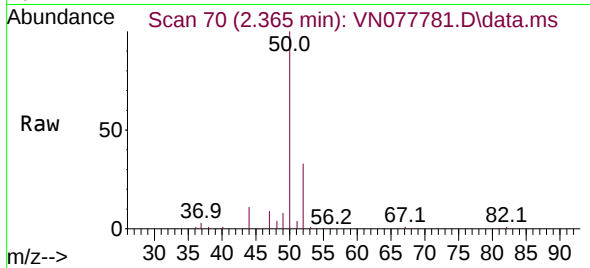
Tgt Ion: 85 Resp: 83613
Ion Ratio Lower Upper
85 100
87 29.8 15.8 47.4





#3
Chloromethane
Concen: 15.979 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

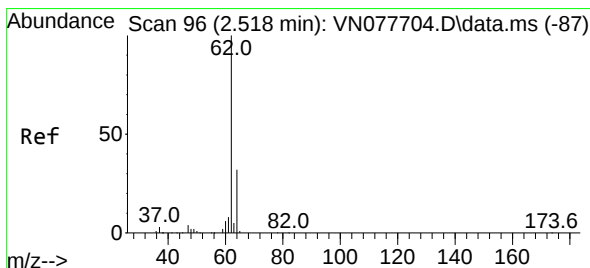
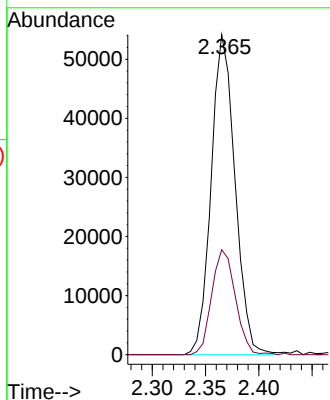
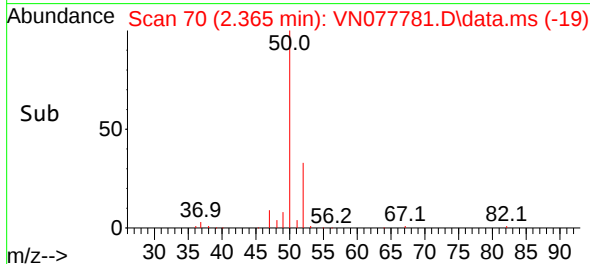
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Tgt Ion: 50 Resp: 84420
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7

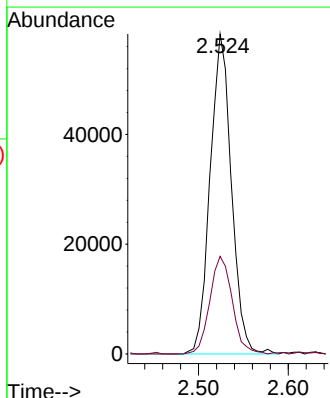
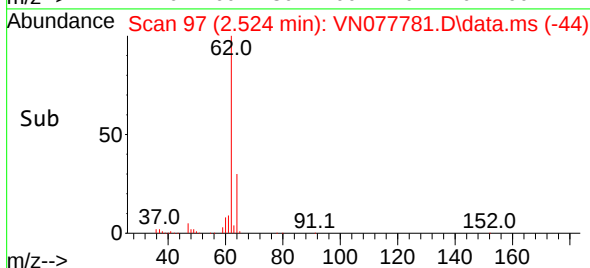
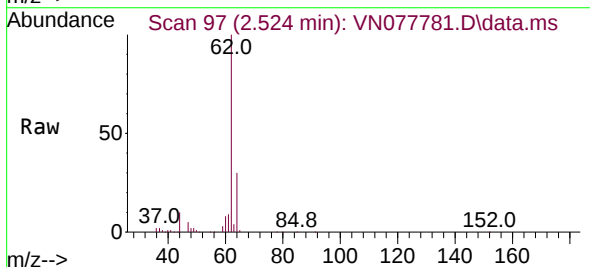
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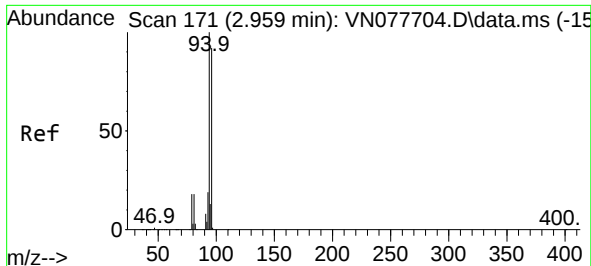
Reviewed By :John Carlone 05/23/2023
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#4
Vinyl Chloride
Concen: 16.442 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

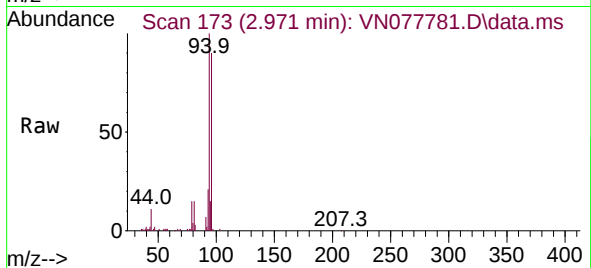
Tgt Ion: 62 Resp: 95973
Ion Ratio Lower Upper
62 100
64 30.5 26.2 39.2





#5
Bromomethane
Concen: 17.251 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

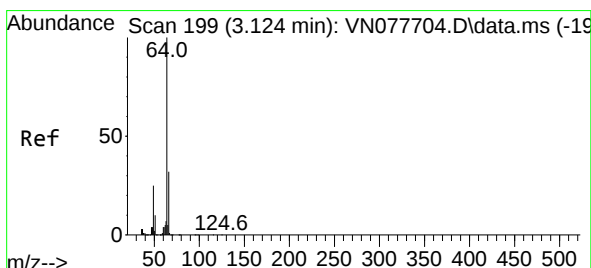
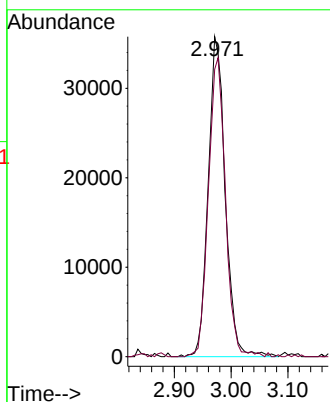
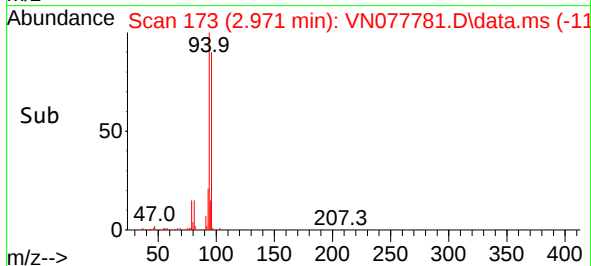
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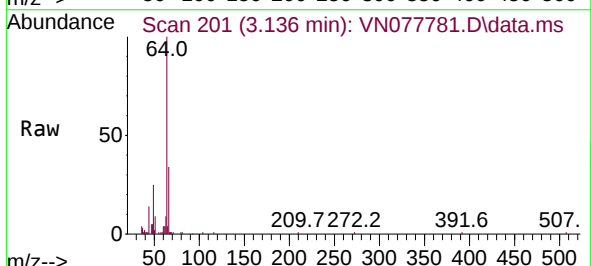
Tgt Ion: 94 Resp: 74475
Ion Ratio Lower Upper
94 100
96 89.8 73.1 109.7

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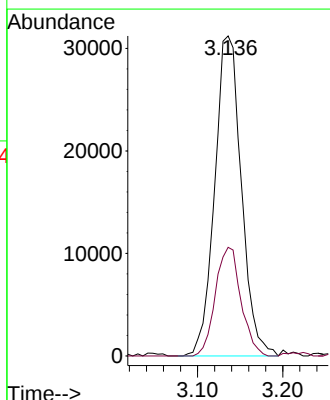
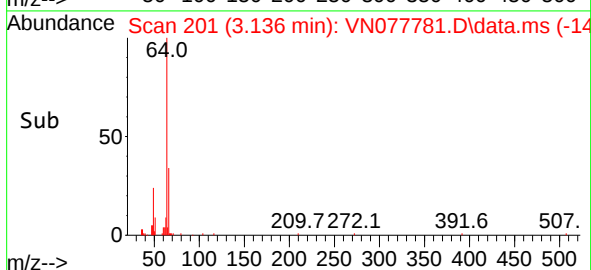
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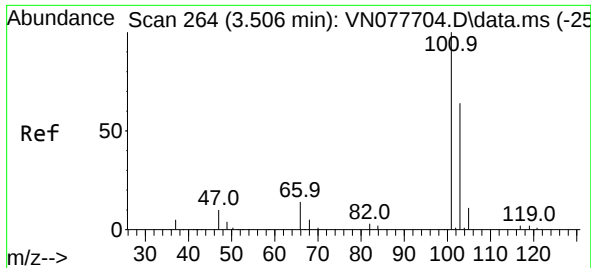


#6
Chloroethane
Concen: 16.153 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN077781.D
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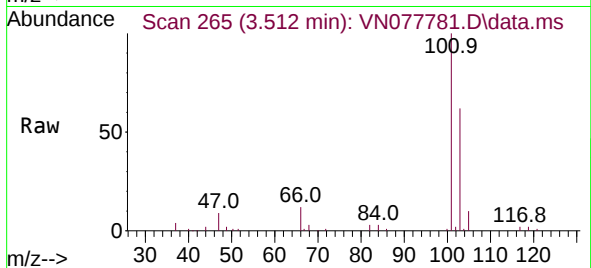
Tgt Ion: 64 Resp: 67949
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.262 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.012 min
 Lab File: VN077781.D
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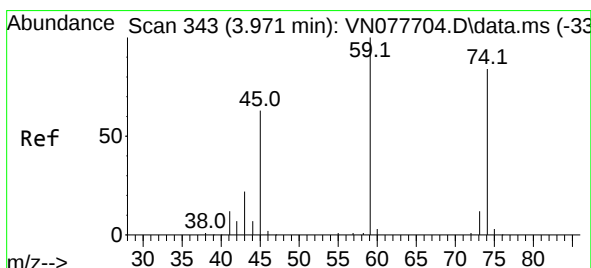
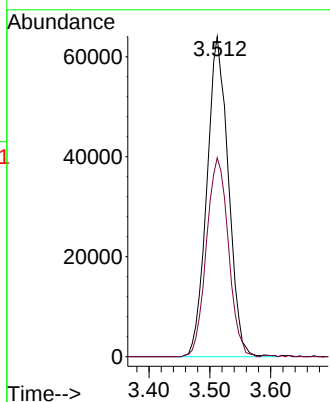
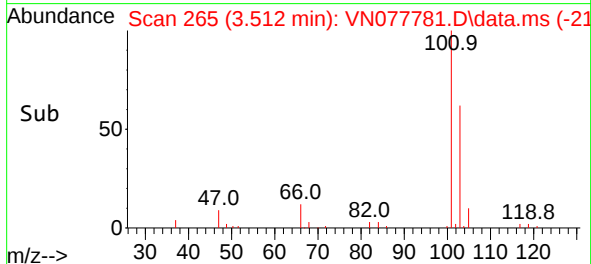
Instrument :
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Tgt Ion:101 Resp: 156690
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.7 76.1

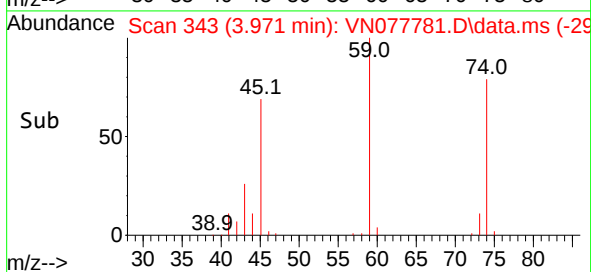
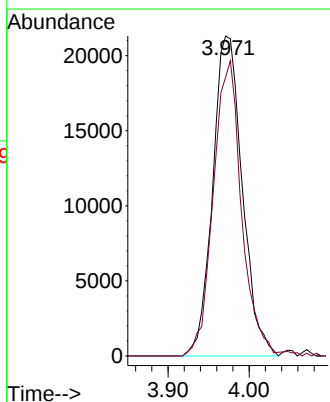
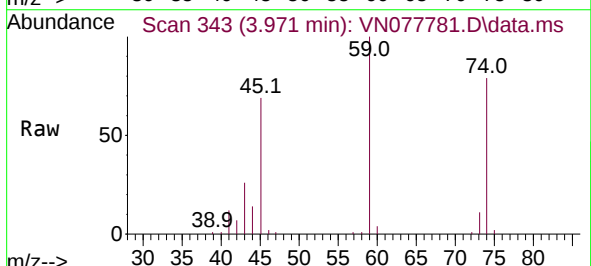
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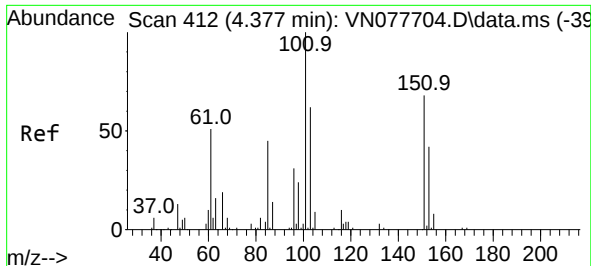
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#8
 Diethyl Ether
 Concen: 18.166 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 53949
 Ion Ratio Lower Upper
 74 100
 45 88.0 34.4 103.3





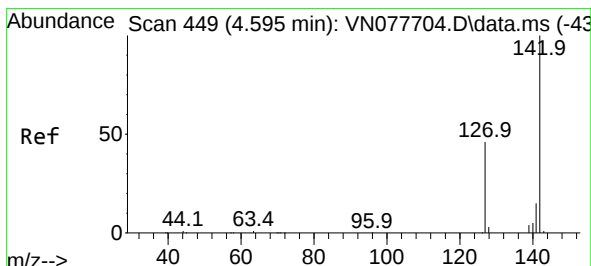
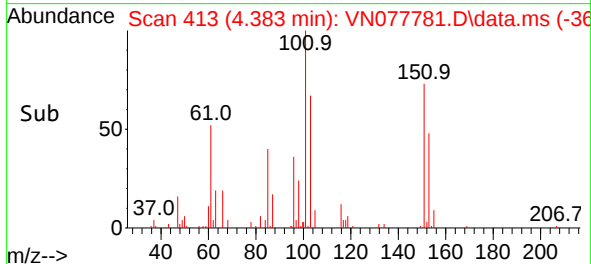
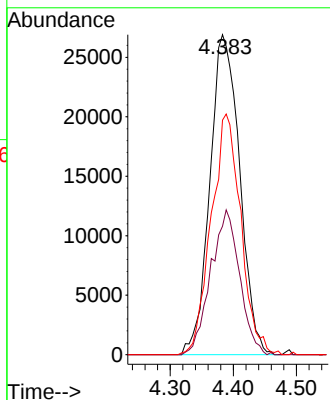
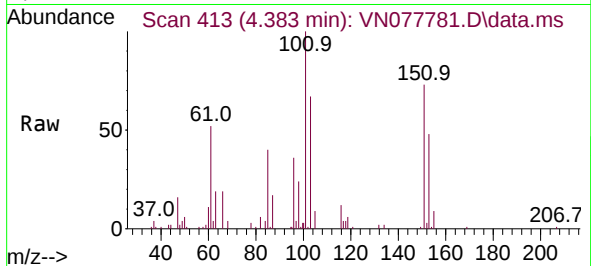
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.571 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion:101 Resp: 88108
Ion Ratio Lower Upper
101 100
85 43.8 36.6 55.0
151 75.0 57.6 86.4

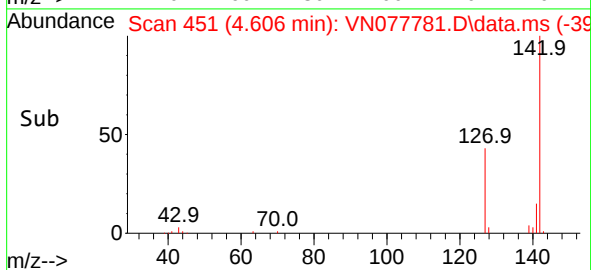
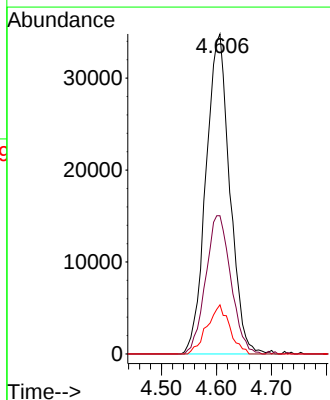
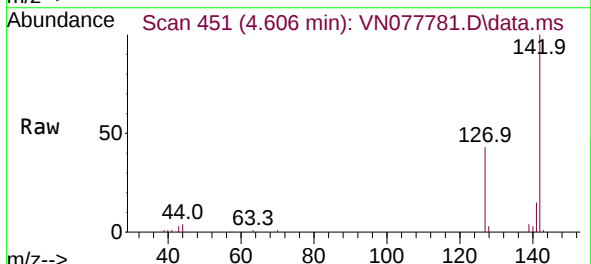
Manual Integrations
APPROVED

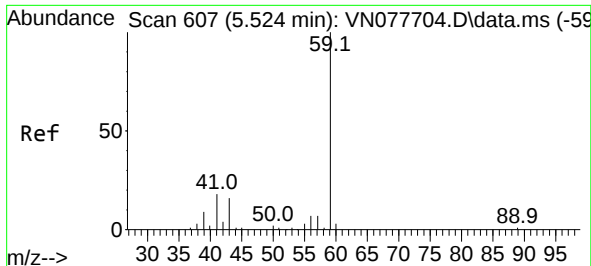
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#10
Methyl Iodide
Concen: 19.544 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Tgt Ion:142 Resp: 104931
Ion Ratio Lower Upper
142 100
127 43.2 37.6 56.4
141 15.4 11.4 17.0





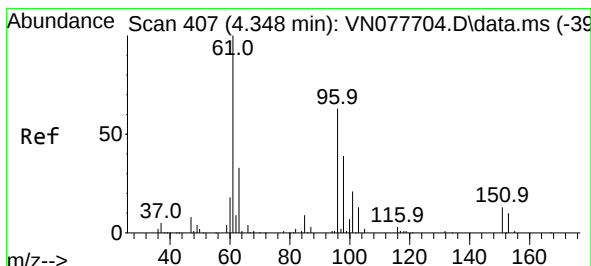
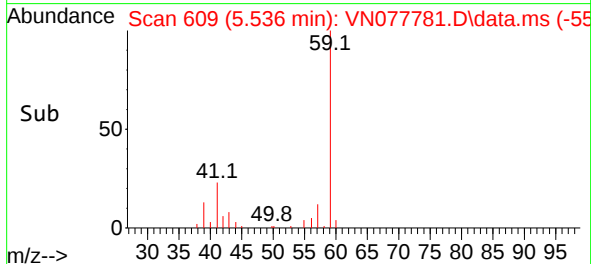
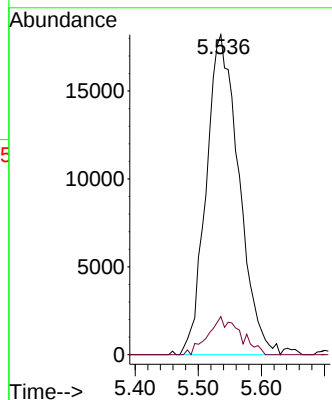
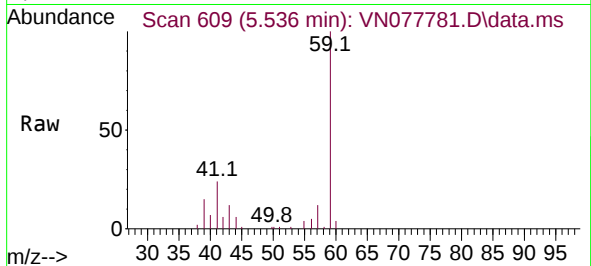
#11
Tert butyl alcohol
Concen: 78.011 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion: 59 Resp: 6553
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4

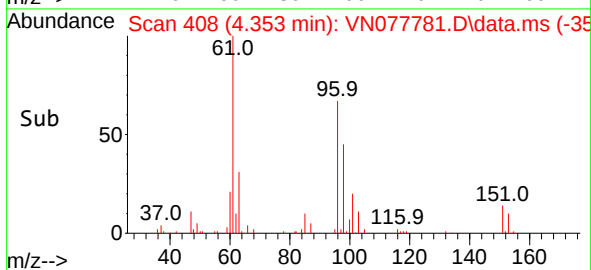
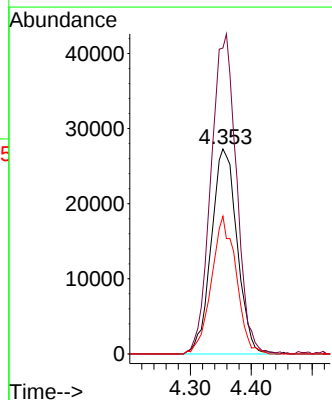
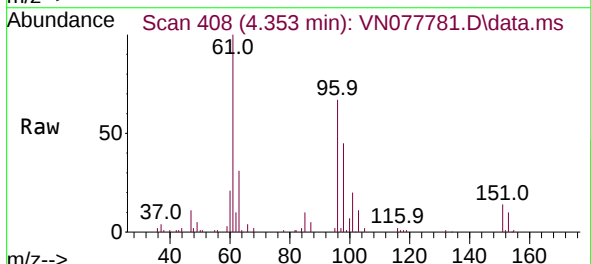
Manual Integrations
APPROVED

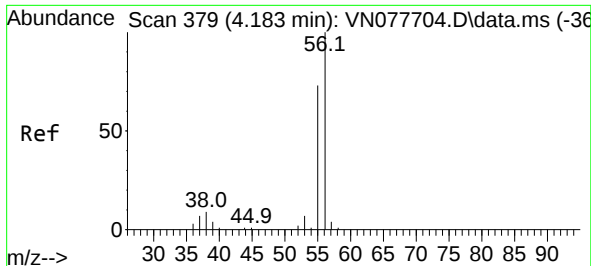
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#12
1,1-Dichloroethene
Concen: 18.759 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

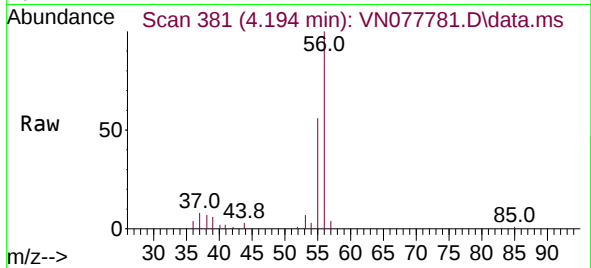
Tgt Ion: 96 Resp: 80263
Ion Ratio Lower Upper
96 100
61 149.3 112.7 169.1
98 67.2 51.2 76.8





#13
Acrolein
Concen: 85.613 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

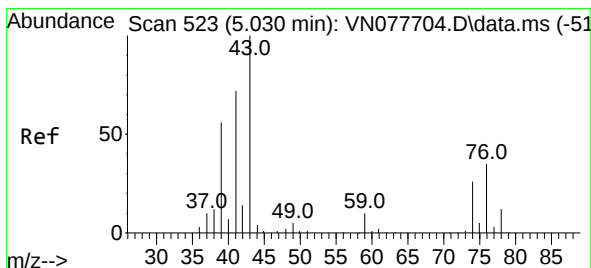
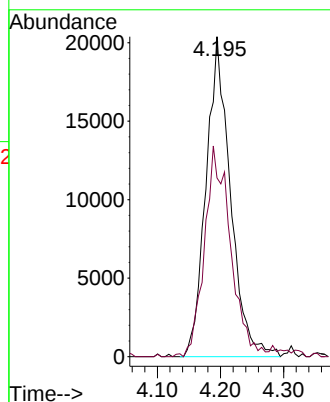
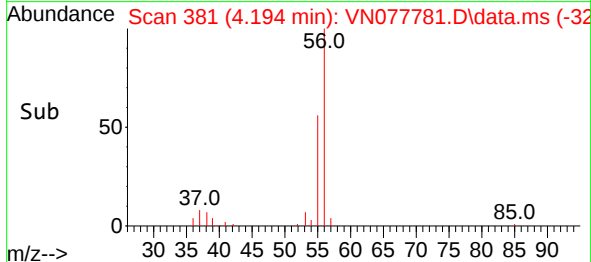
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 56 Resp: 54610
Ion Ratio Lower Upper
56 100
55 70.0 54.5 81.7

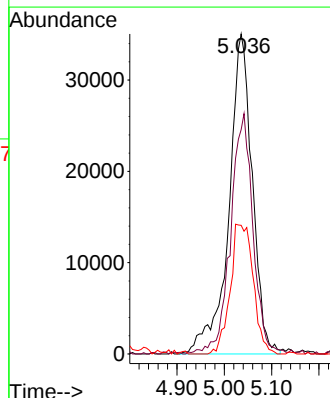
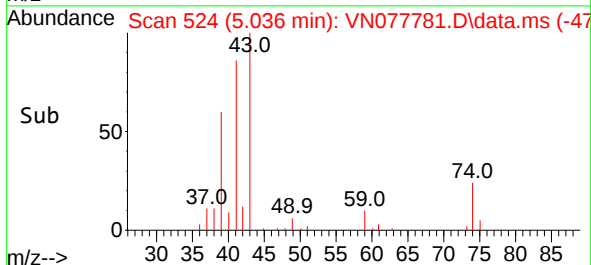
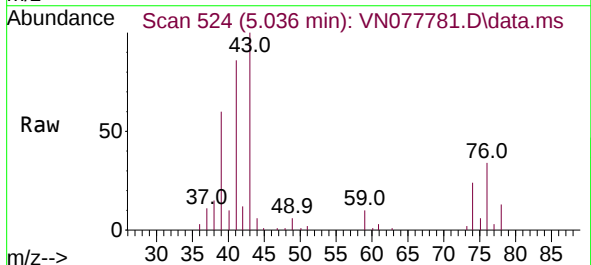
Manual Integrations
APPROVED

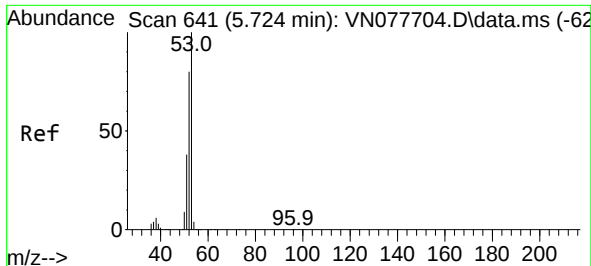
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#14
Allyl chloride
Concen: 19.193 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

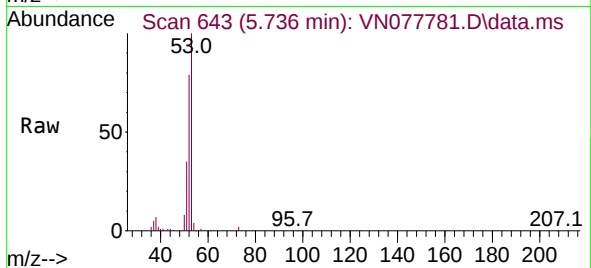
Tgt Ion: 41 Resp: 120642
Ion Ratio Lower Upper
41 100
39 71.7 58.8 88.2
76 39.7 39.1 58.7





#15
Acrylonitrile
Concen: 83.930 ug/l
RT: 5.736 min Scan# 641
Delta R.T. 0.018 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

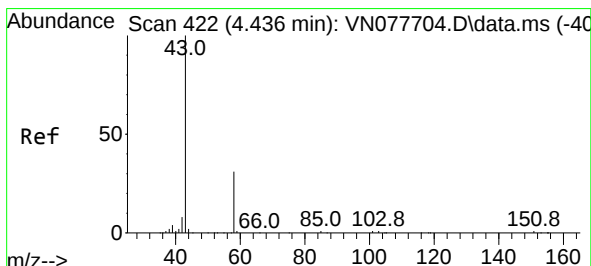
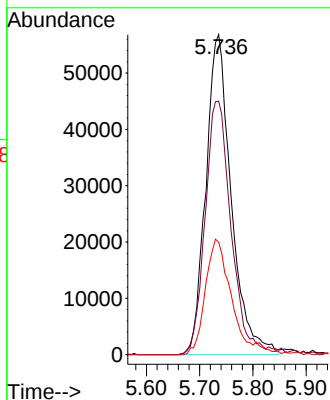
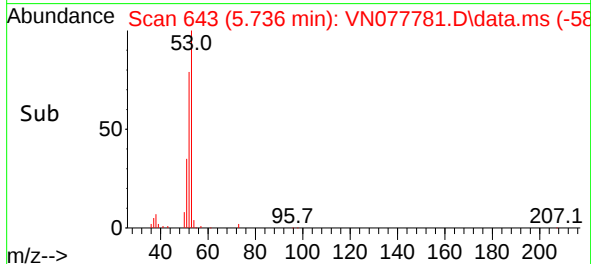
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



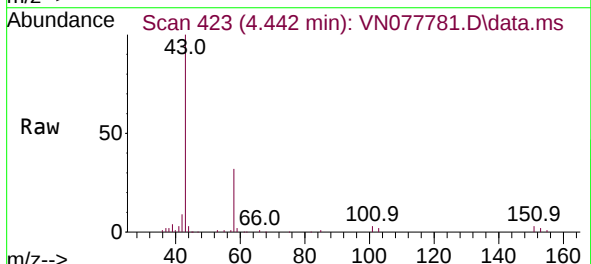
Tgt Ion: 53 Resp: 18836
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 37.4 28.9 43.3

Manual Integrations
APPROVED

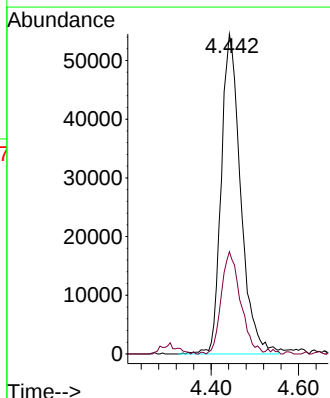
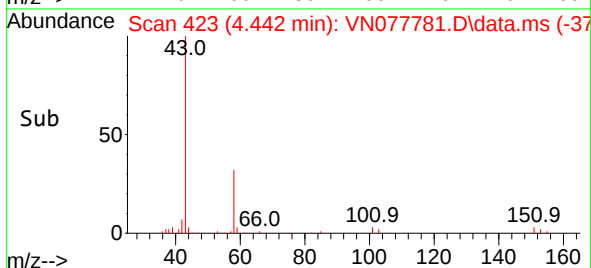
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

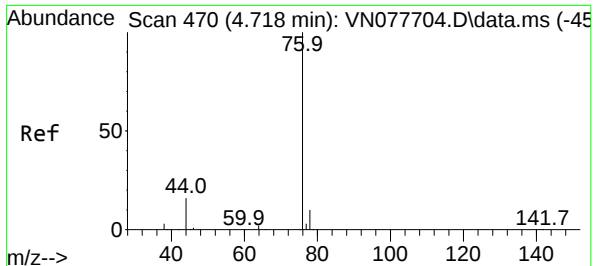


#16
Acetone
Concen: 87.717 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43



Tgt Ion: 43 Resp: 167980
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0





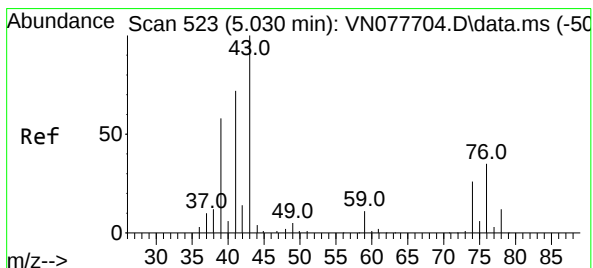
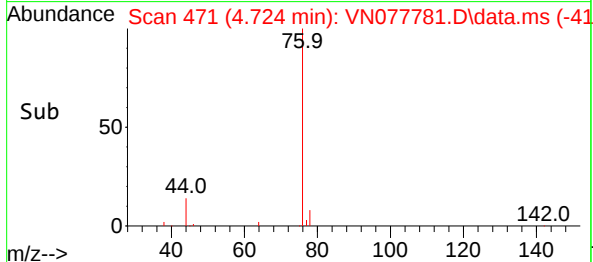
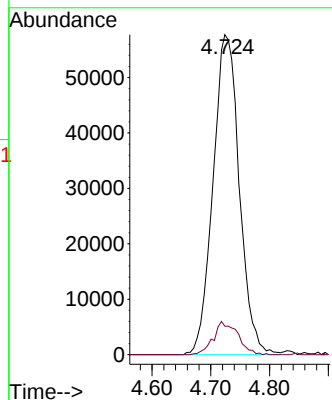
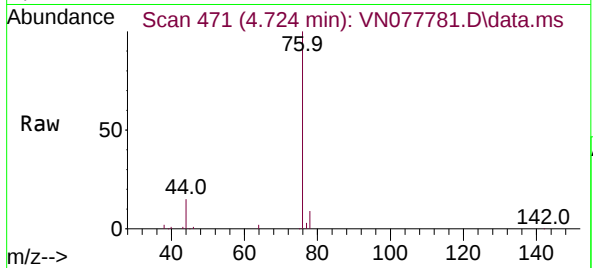
#17
Carbon Disulfide
Concen: 15.563 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion: 76 Resp: 17942
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

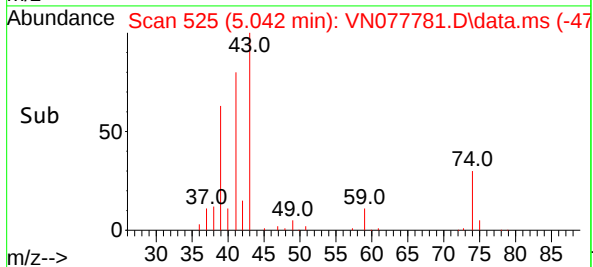
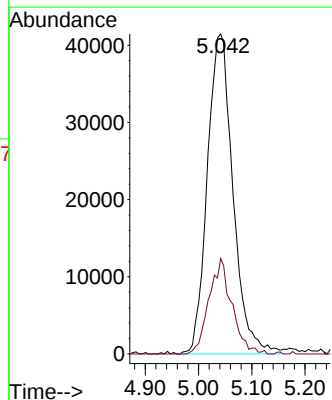
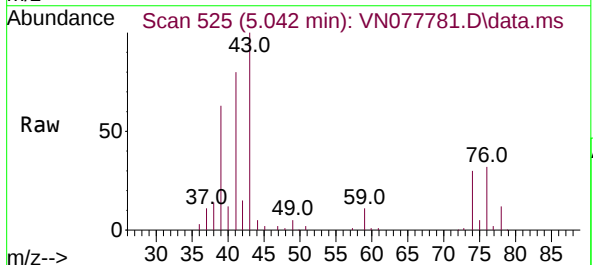
Manual Integrations
APPROVED

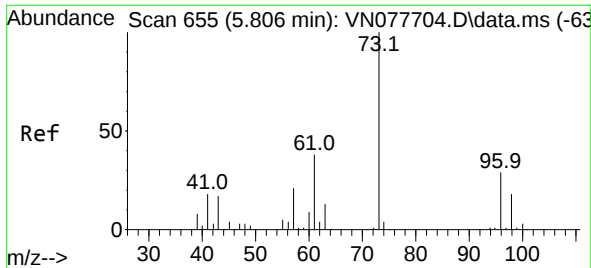
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#18
Methyl Acetate
Concen: 17.268 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

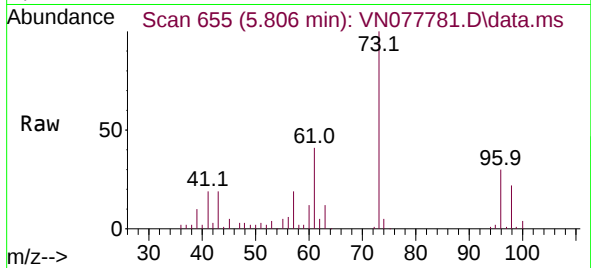
Tgt Ion: 43 Resp: 138729
Ion Ratio Lower Upper
43 100
74 26.6 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 18.373 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

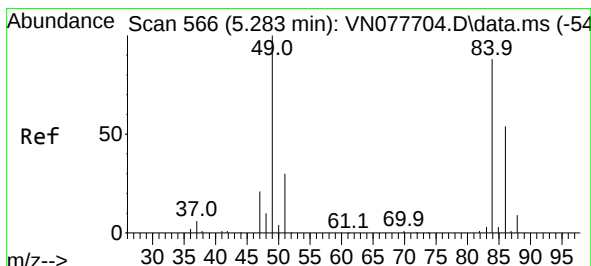
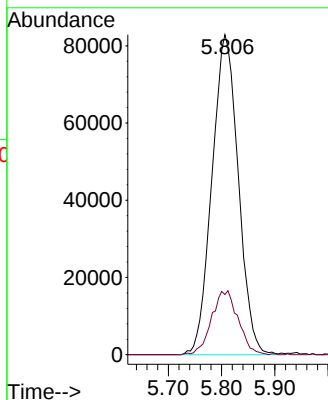
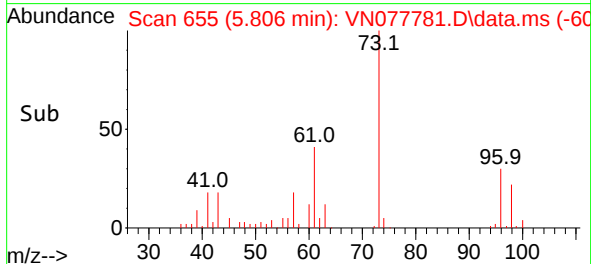
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 73 Resp: 28455
Ion Ratio Lower Upper
73 100
57 18.8 15.6 23.4

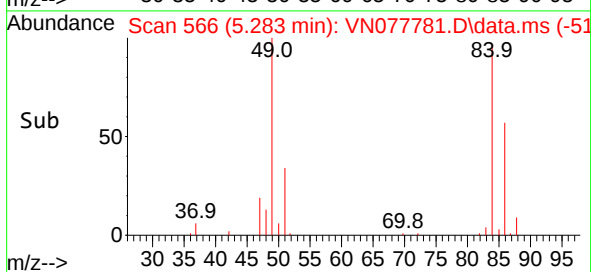
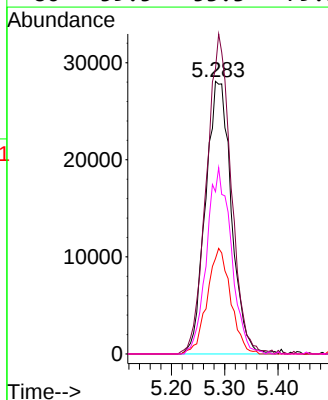
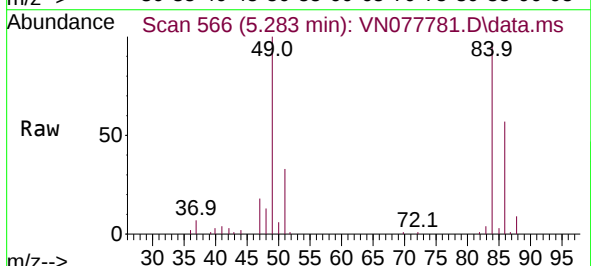
Manual Integrations
APPROVED

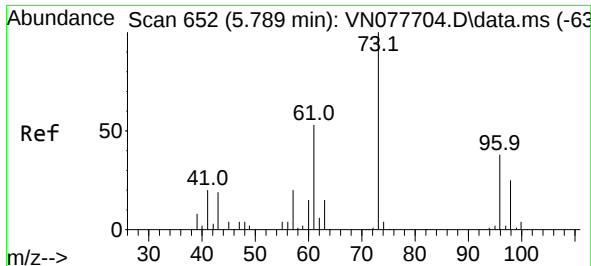
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#20
Methylene Chloride
Concen: 17.655 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

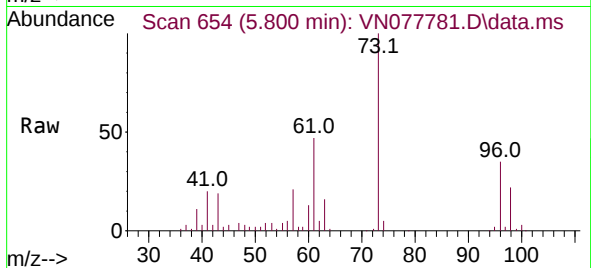
Tgt Ion: 84 Resp: 94370
Ion Ratio Lower Upper
84 100
49 104.6 79.7 119.5
51 35.0 25.2 37.8
86 59.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.735 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

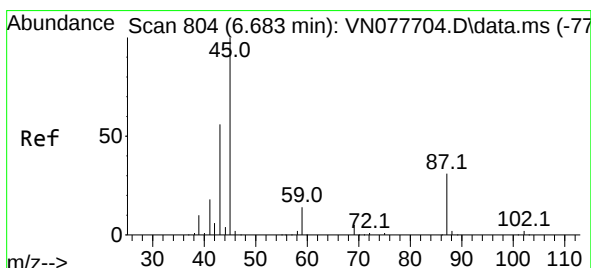
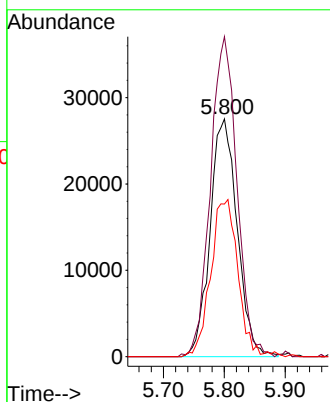
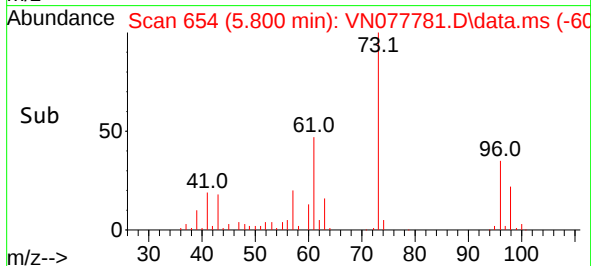
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 96 Resp: 85238
Ion Ratio Lower Upper
96 100
61 134.6 90.1 135.1
98 64.2 46.4 69.6

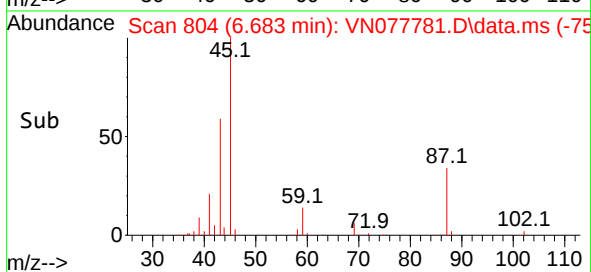
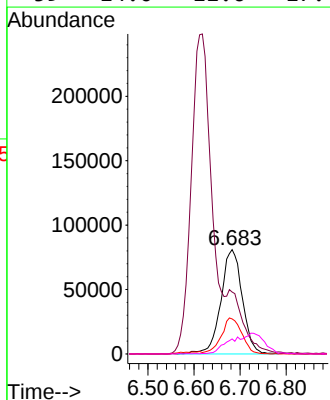
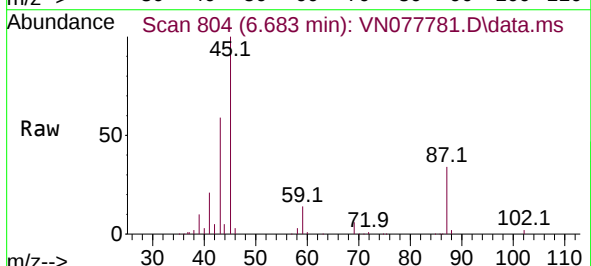
Manual Integrations
APPROVED

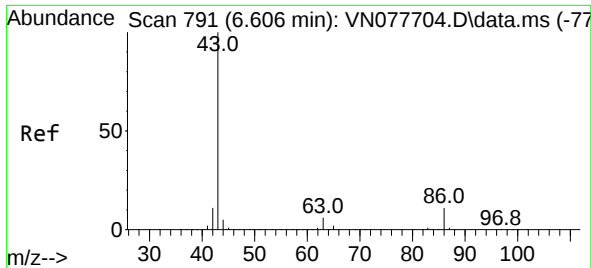
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#22
Diisopropyl ether
Concen: 17.718 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Tgt Ion: 45 Resp: 261048
Ion Ratio Lower Upper
45 100
43 57.4 45.5 68.3
87 33.6 31.8 47.8
59 14.0 11.6 17.4





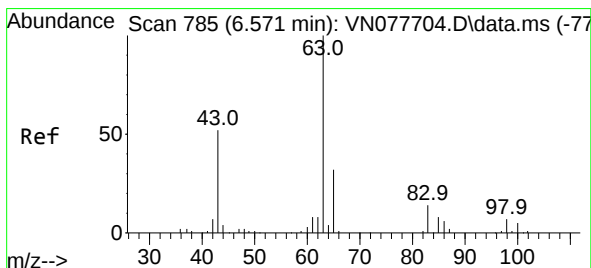
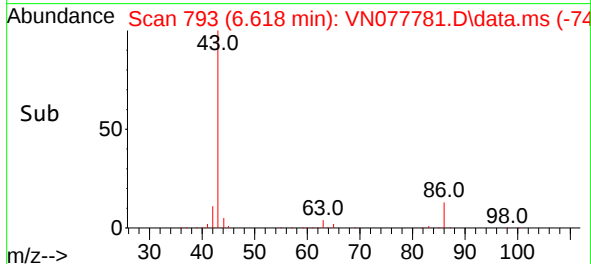
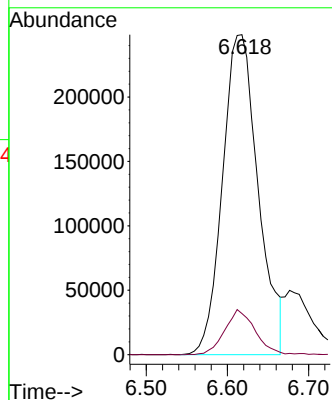
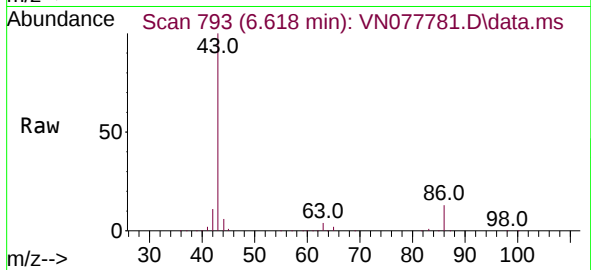
#23
 Vinyl Acetate
 Concen: 83.198 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.012 min
 Lab File: VN077781.D
 Acq: 22 May 2023 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBS01

Tgt Ion: 43 Resp: 759464
 Ion Ratio Lower Upper
 43 100
 86 12.8 13.0 19.6

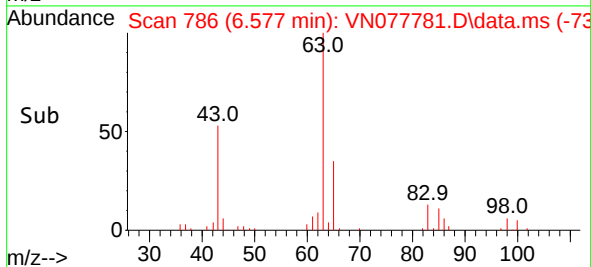
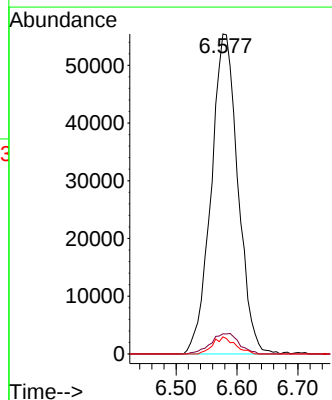
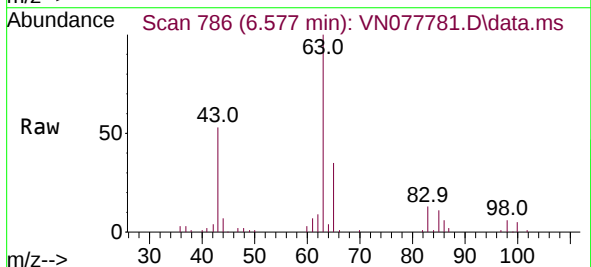
Manual Integrations
 APPROVED

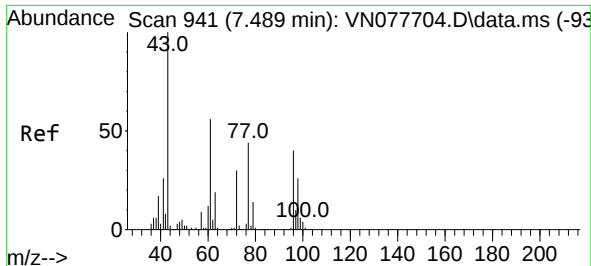
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#24
 1,1-Dichloroethane
 Concen: 18.772 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077781.D
 Acq: 22 May 2023 11:43

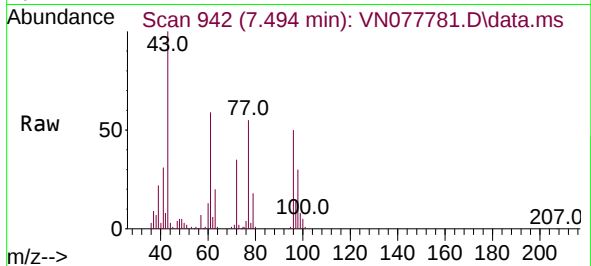
Tgt Ion: 63 Resp: 169440
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 5.3 2.5 7.4





#25
2-Butanone
Concen: 81.748 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

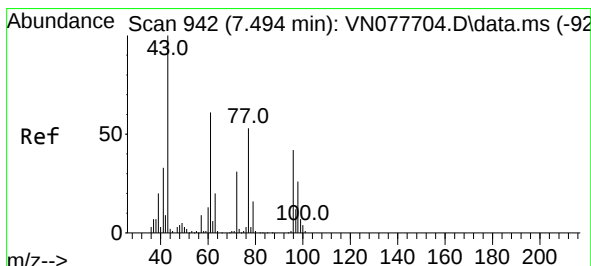
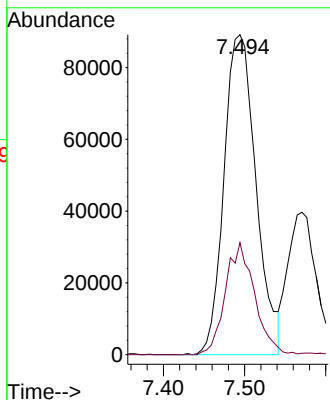
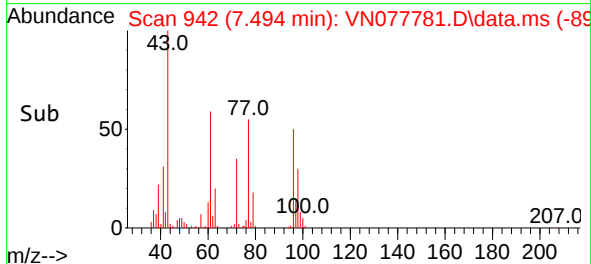
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 43 Resp: 24489
Ion Ratio Lower Upper
43 100
72 35.0 30.2 45.2

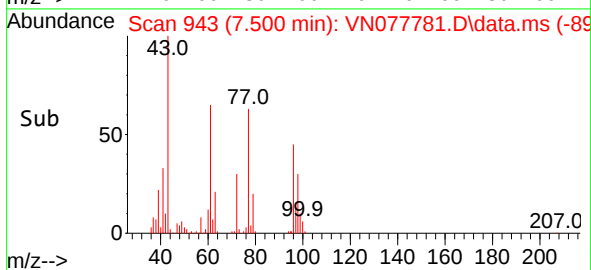
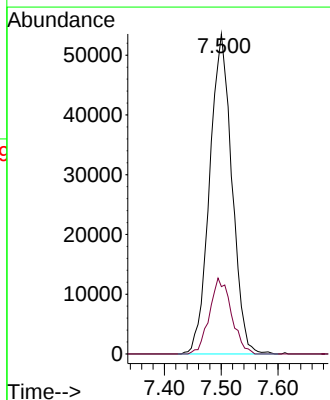
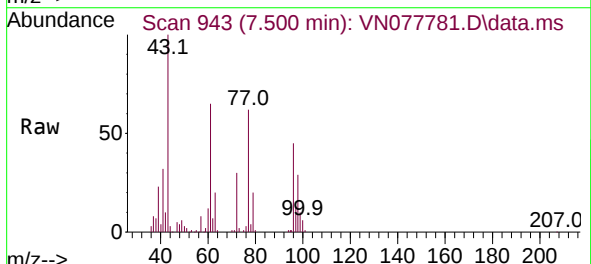
Manual Integrations
APPROVED

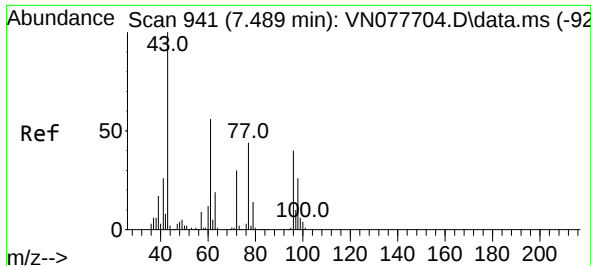
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#26
2,2-Dichloropropane
Concen: 19.019 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

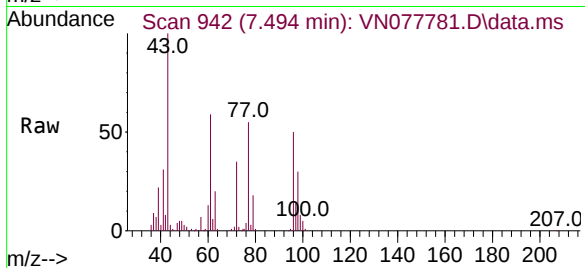
Tgt Ion: 77 Resp: 145847
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.694 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077781.D
 Acq: 22 May 2023 11:43

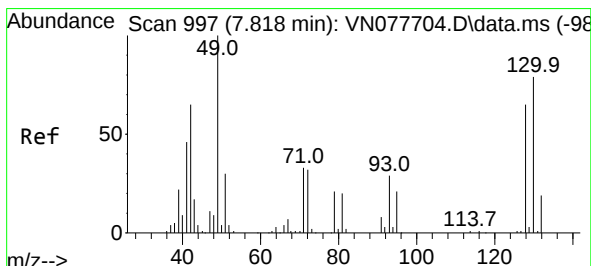
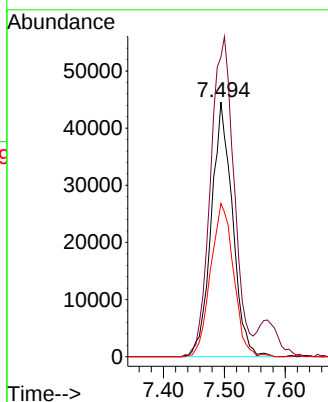
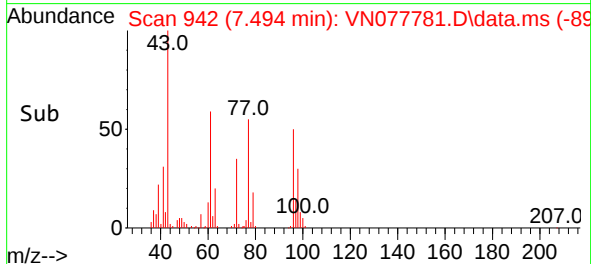
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBS01



Tgt Ion: 96 Resp: 10773
 Ion Ratio Lower Upper
 96 100
 61 139.3 0.0 255.2
 98 64.9 0.0 128.8

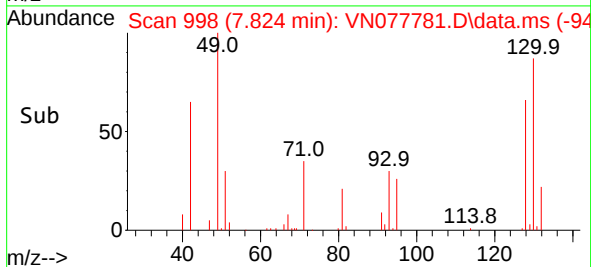
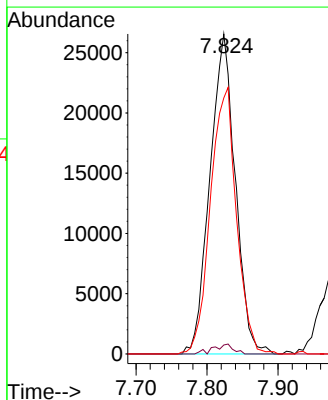
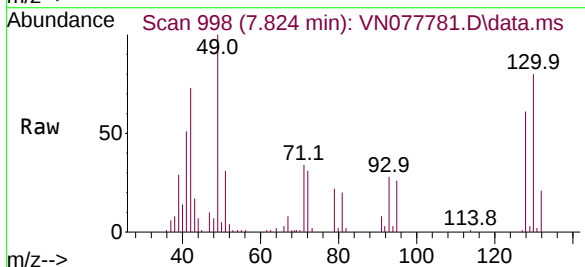
Manual Integrations
 APPROVED

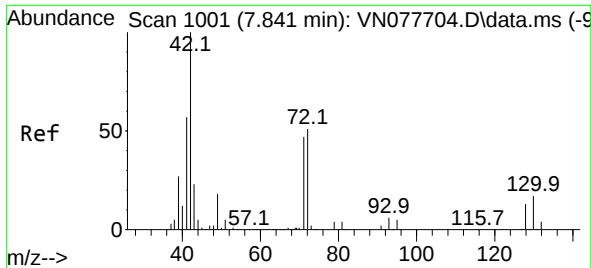
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#28
 Bromochloromethane
 Concen: 16.872 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077781.D
 Acq: 22 May 2023 11:43

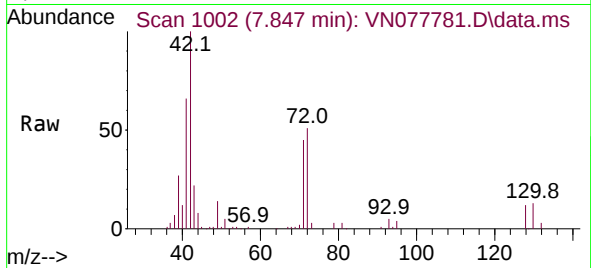
Tgt Ion: 49 Resp: 65864
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 85.4 75.3 112.9





#29
Tetrahydrofuran
Concen: 78.229 ug/l
RT: 7.847 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

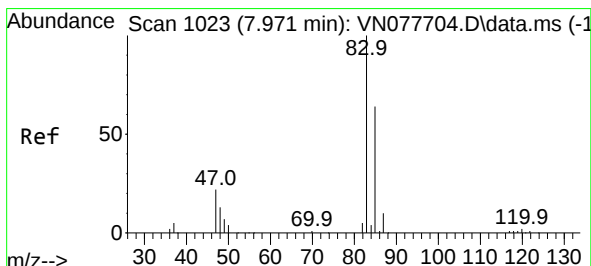
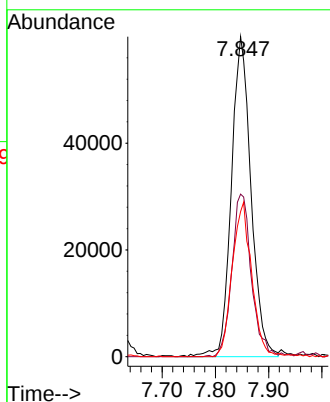
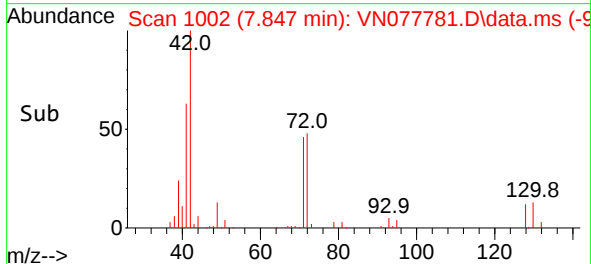
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 42 Resp: 153449
Ion Ratio Lower Upper
42 100
72 50.4 49.8 74.6
71 47.7 47.4 71.2

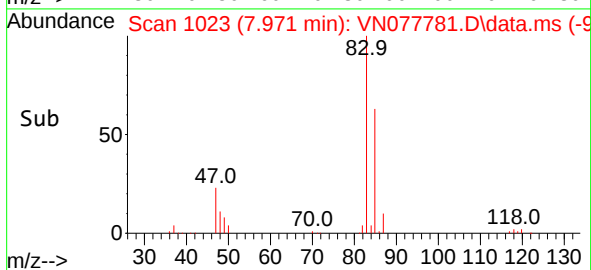
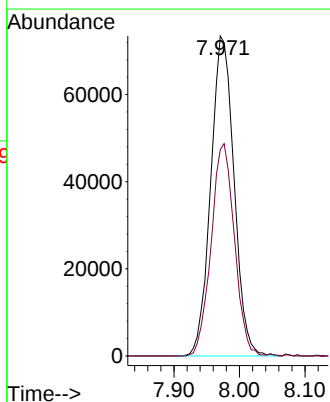
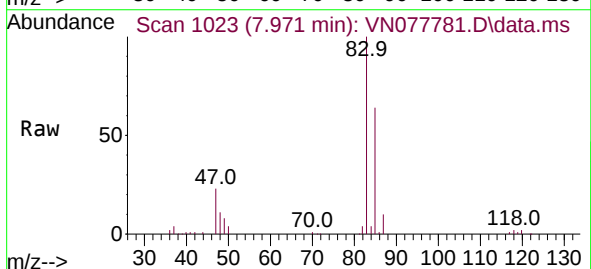
Manual Integrations
APPROVED

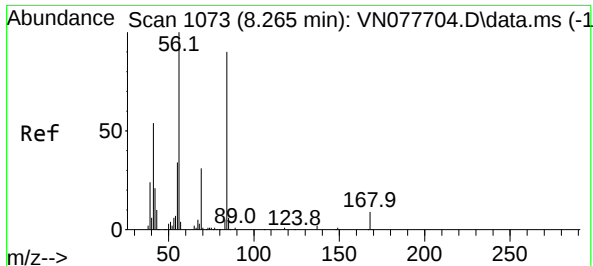
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#30
Chloroform
Concen: 18.218 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Tgt Ion: 83 Resp: 180894
Ion Ratio Lower Upper
83 100
85 64.5 55.4 83.0





#31

Cyclohexane

Concen: 17.177 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN077781.D

Acq: 22 May 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBS01

Tgt Ion: 56 Resp: 142100

Ion Ratio Lower Upper

56 100

69 31.8 26.8 40.2

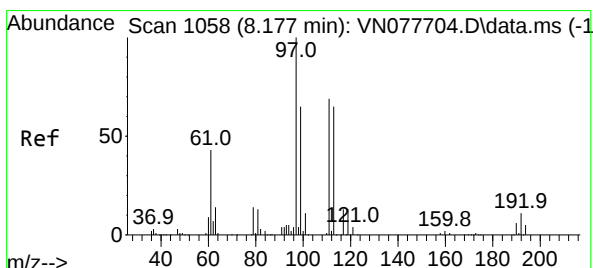
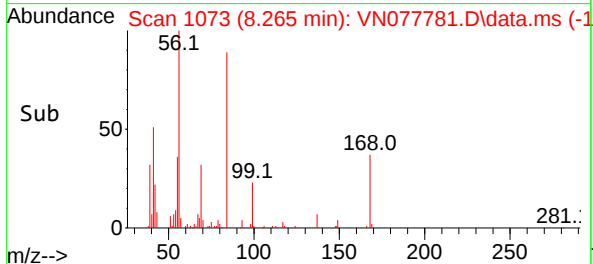
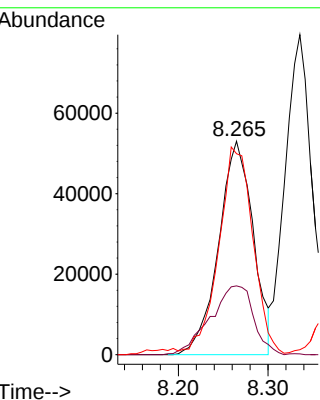
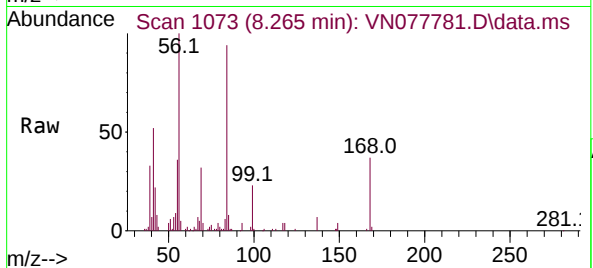
84 92.2 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#32

1,1,1-Trichloroethane

Concen: 18.949 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077781.D

Acq: 22 May 2023 11:43

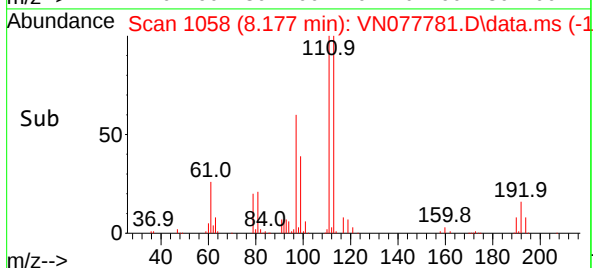
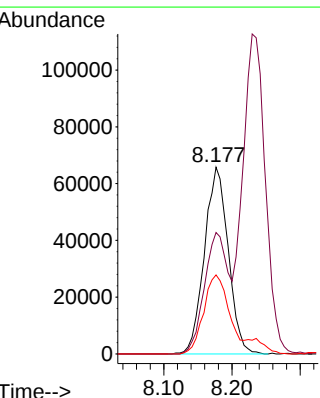
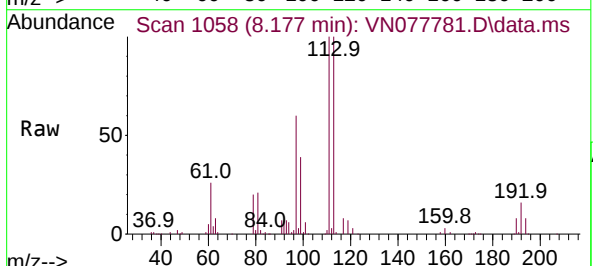
Tgt Ion: 97 Resp: 159962

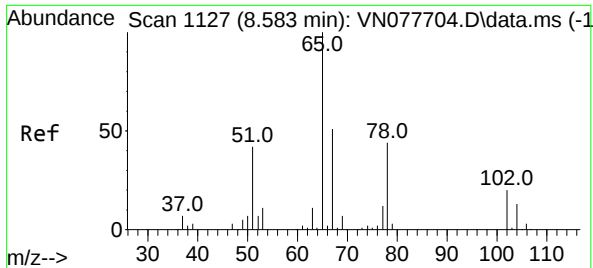
Ion Ratio Lower Upper

97 100

99 65.4 50.3 75.5

61 45.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.433 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077781.D

Acq: 22 May 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBS01

Tgt Ion: 65 Resp: 294810

Ion Ratio Lower Upper

65 100

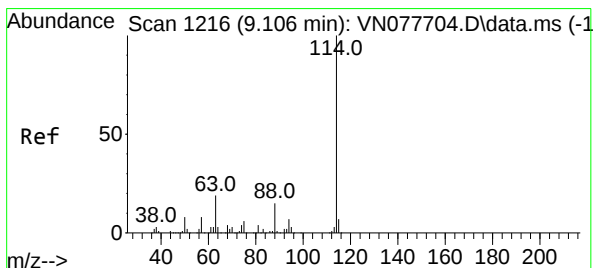
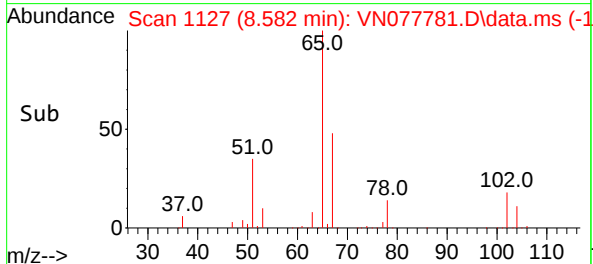
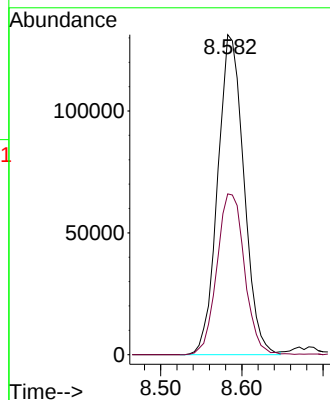
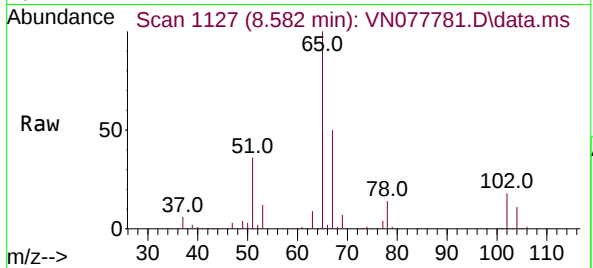
67 52.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077781.D

Acq: 22 May 2023 11:43

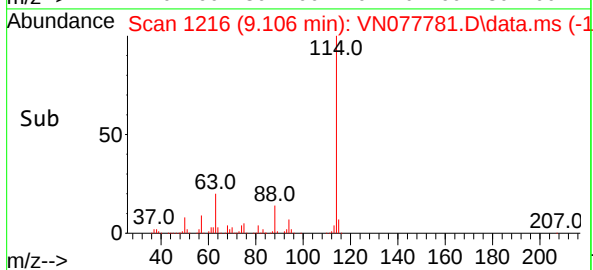
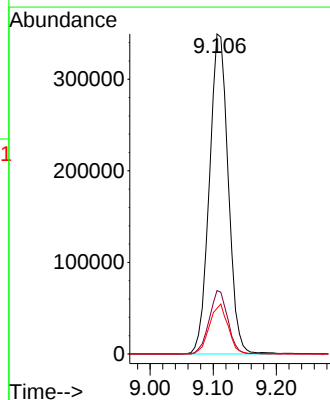
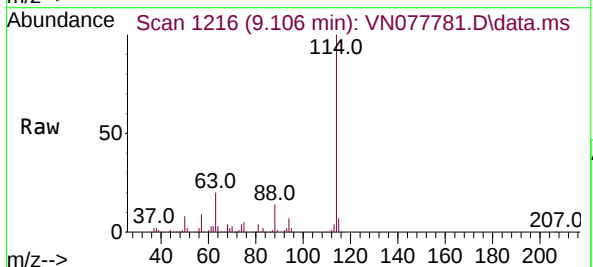
Tgt Ion:114 Resp: 724013

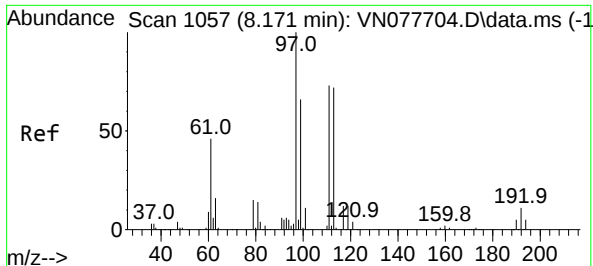
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.768 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077781.D

Acq: 22 May 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBS01

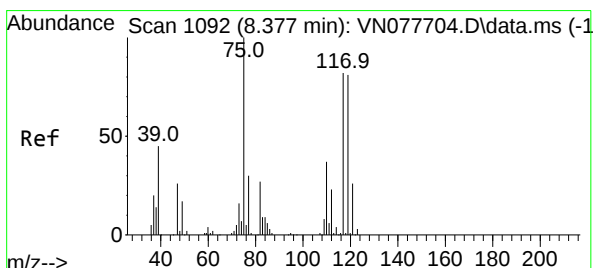
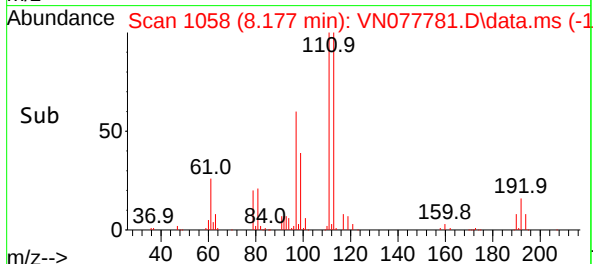
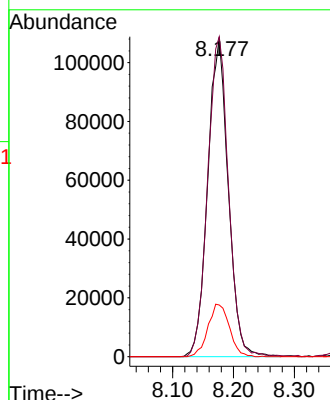
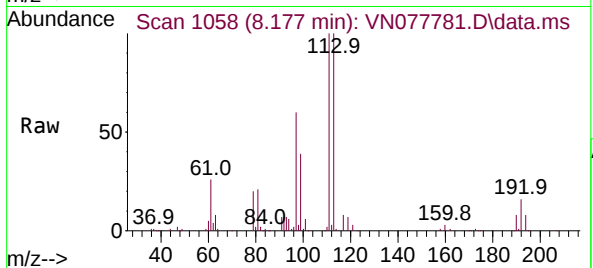
Tgt Ion:	113	Resp:	25385
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.6	123.8
192	17.2	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#36

1,1-Dichloropropene

Concen: 18.831 ug/l

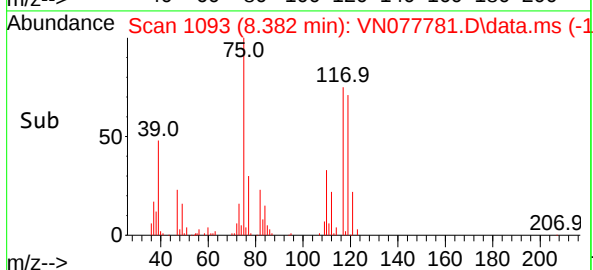
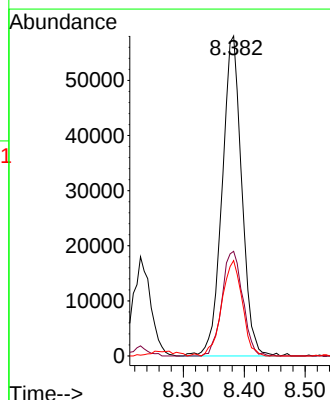
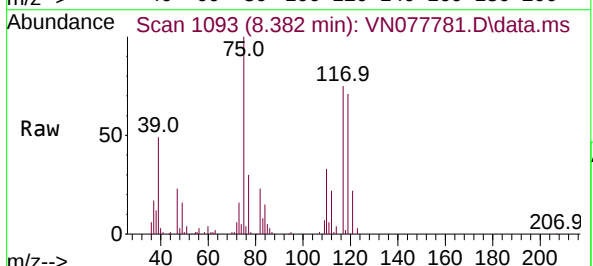
RT: 8.382 min Scan# 1093

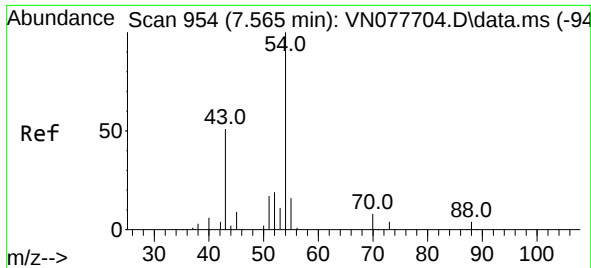
Delta R.T. 0.005 min

Lab File: VN077781.D

Acq: 22 May 2023 11:43

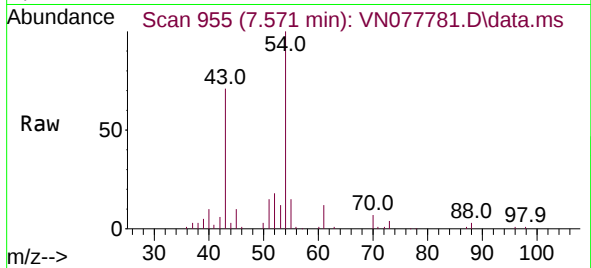
Tgt Ion:	75	Resp:	130040
Ion Ratio	Lower	Upper	
75	100		
110	34.6	19.1	57.3
77	30.9	25.0	37.4





#37
Ethyl Acetate
Concen: 15.633 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

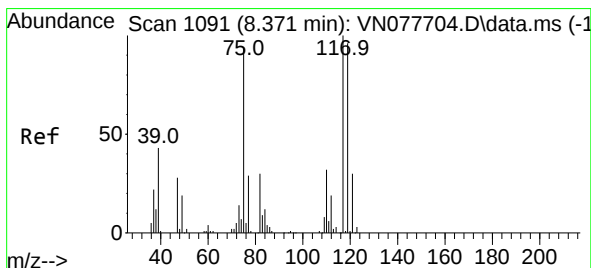
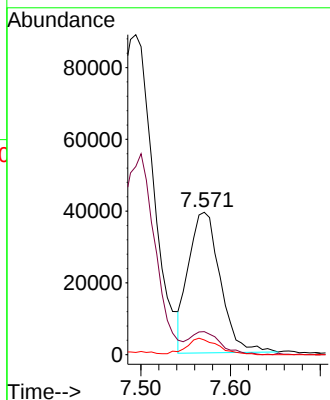
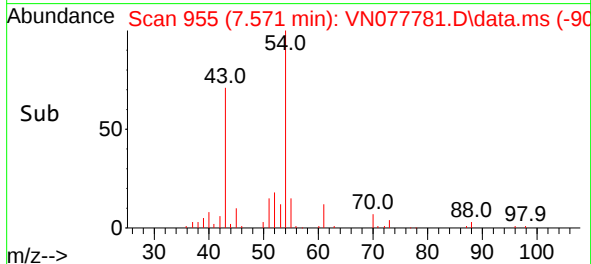
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 43 Resp: 96220
Ion Ratio Lower Upper
43 100
61 15.7 13.2 19.8
70 11.5 11.3 16.9

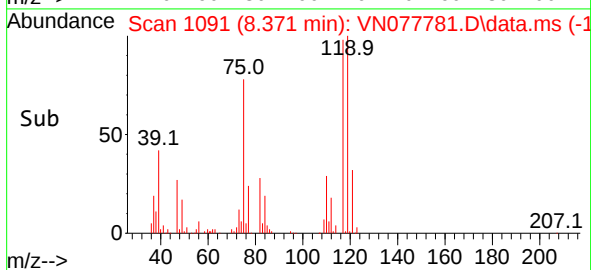
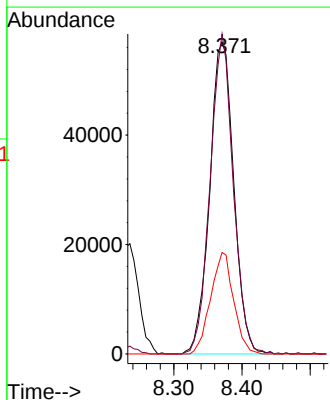
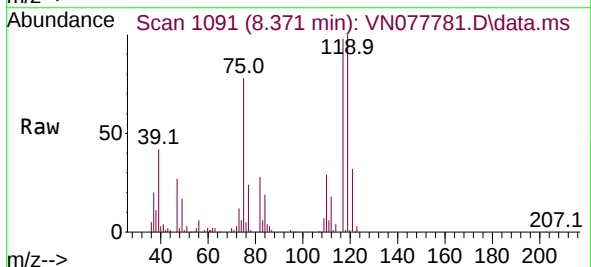
Manual Integrations
APPROVED

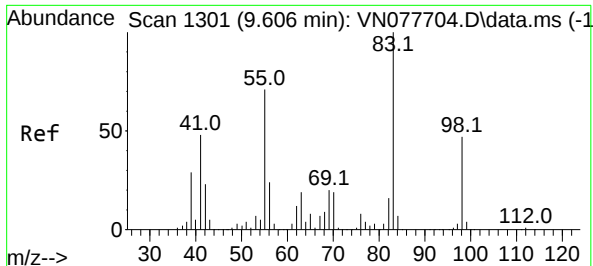
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#38
Carbon Tetrachloride
Concen: 20.141 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Tgt Ion:117 Resp: 140448
Ion Ratio Lower Upper
117 100
119 102.6 77.3 115.9
121 32.5 23.3 34.9





#39

Methylcyclohexane

Concen: 18.380 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN077781.D

Acq: 22 May 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBS01

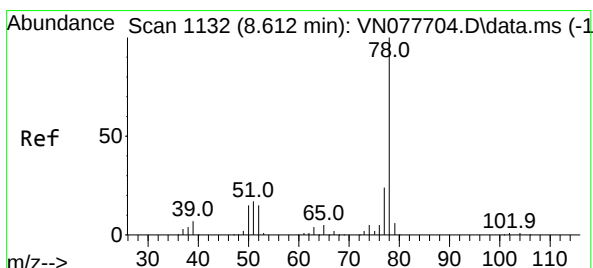
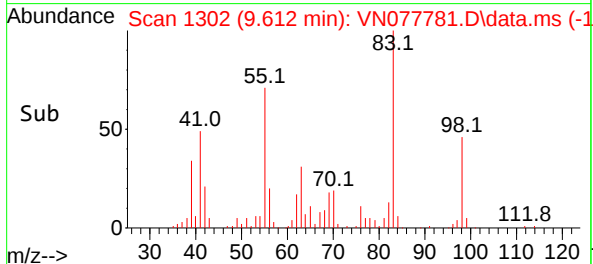
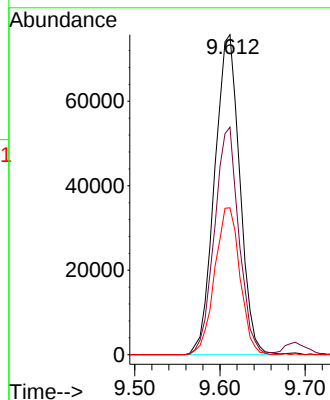
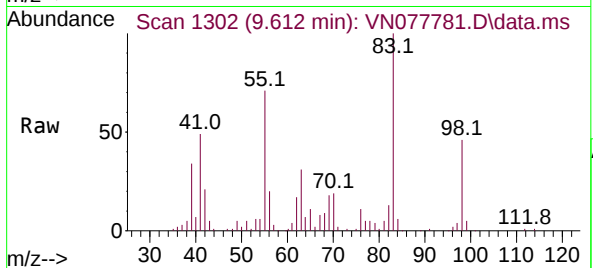
Tgt Ion: 83 Resp: 155380
 Ion Ratio Lower Upper
 83 100
 55 71.1 49.1 73.7
 98 45.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#40

Benzene

Concen: 19.318 ug/l

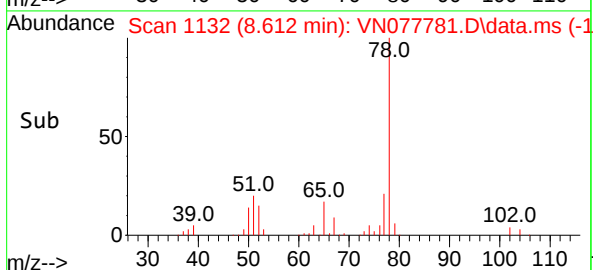
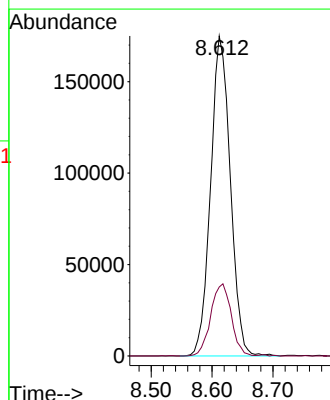
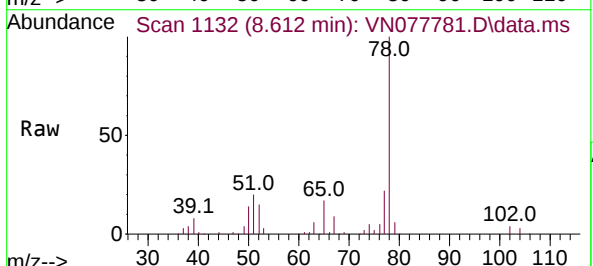
RT: 8.612 min Scan# 1132

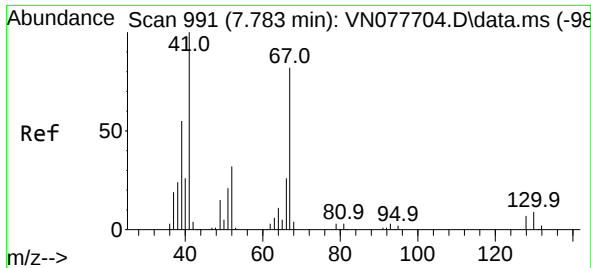
Delta R.T. -0.000 min

Lab File: VN077781.D

Acq: 22 May 2023 11:43

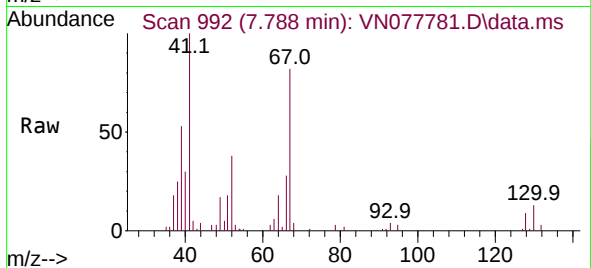
Tgt Ion: 78 Resp: 393655
 Ion Ratio Lower Upper
 78 100
 77 21.6 19.0 28.6





#41
Methacrylonitrile
Concen: 16.244 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

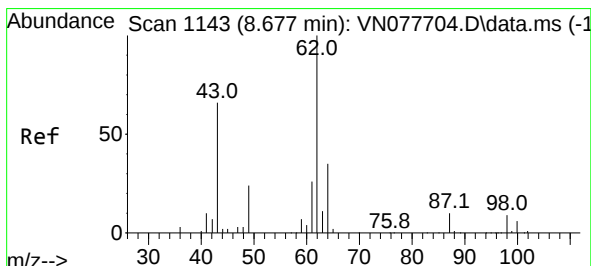
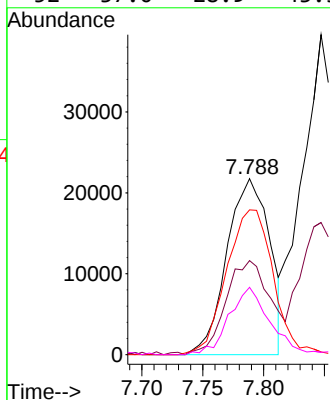
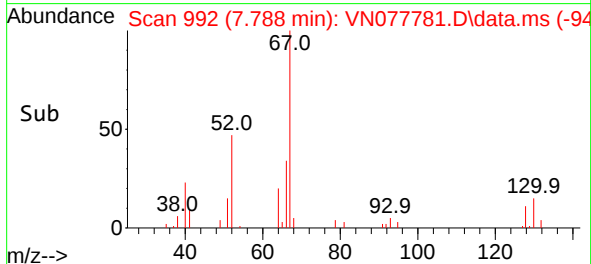
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion:	41	Resp:	5324
Ion Ratio	100	Lower	Upper
39	56.6	42.6	64.0
67	89.6	77.5	116.3
52	37.0	28.9	43.3

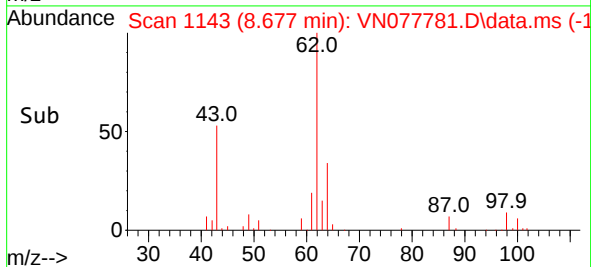
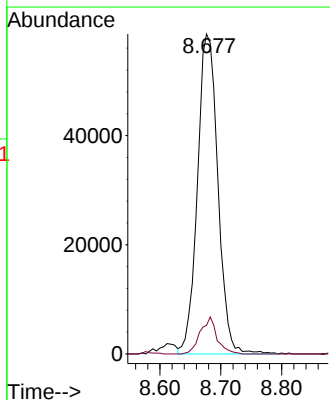
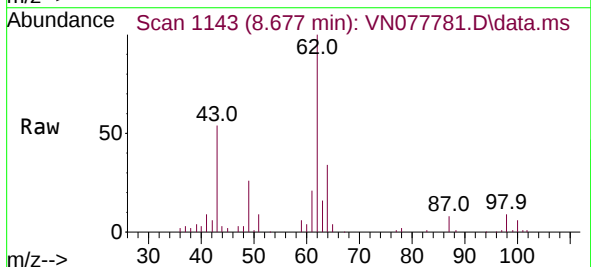
Manual Integrations
APPROVED

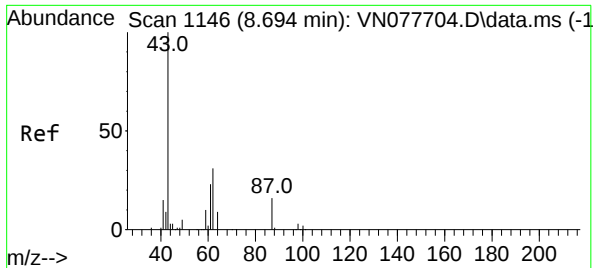
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#42
1,2-Dichloroethane
Concen: 18.494 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

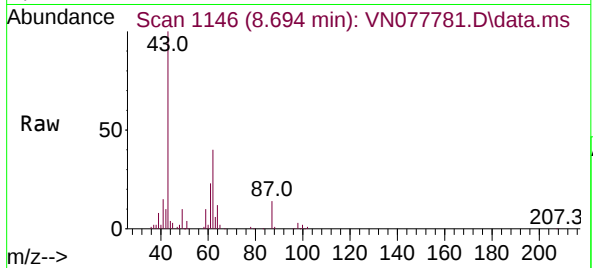
Tgt Ion:	62	Resp:	136902
Ion Ratio	100	Lower	Upper
98	9.4	0.0	19.8





#43
Isopropyl Acetate
Concen: 17.665 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

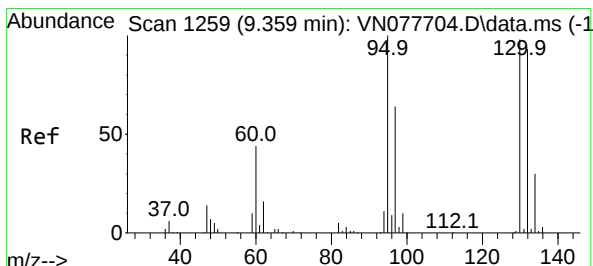
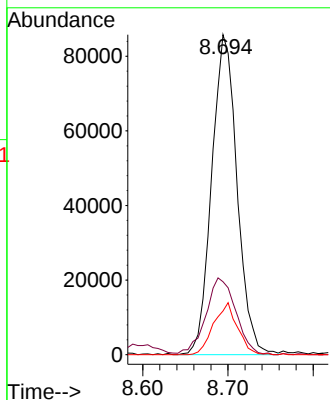
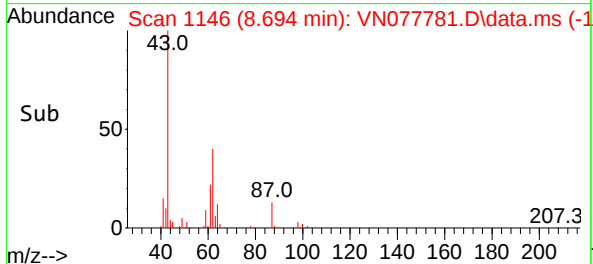
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



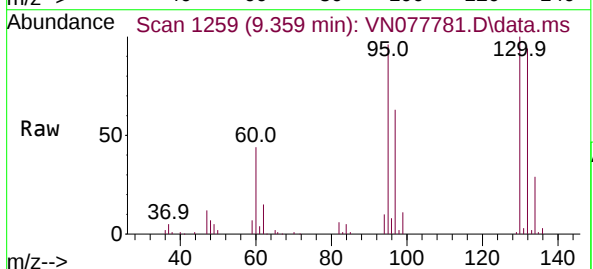
Tgt Ion: 43 Resp: 177590
Ion Ratio Lower Upper
43 100
61 28.4 24.7 37.1
87 15.2 14.6 21.8

Manual Integrations
APPROVED

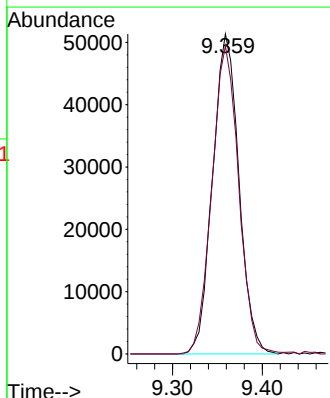
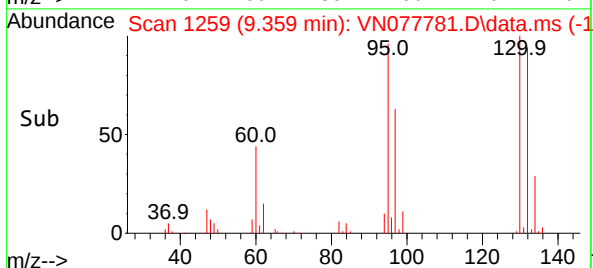
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

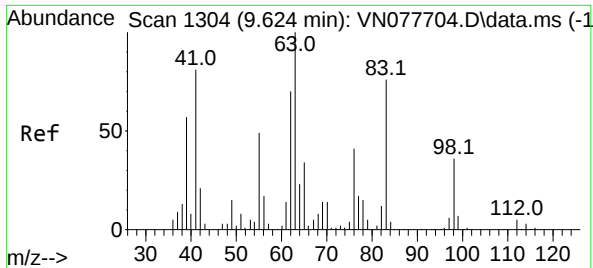


#44
Trichloroethene
Concen: 20.247 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43



Tgt Ion:130 Resp: 104472
Ion Ratio Lower Upper
130 100
95 96.3 0.0 204.6





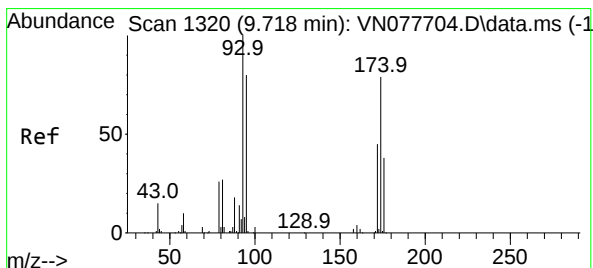
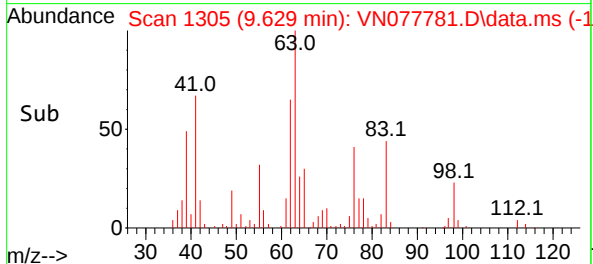
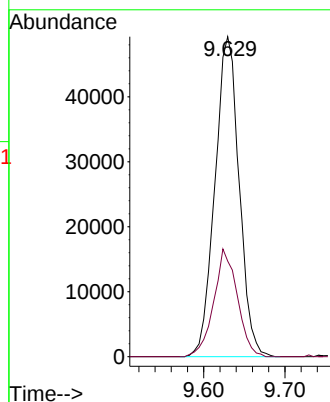
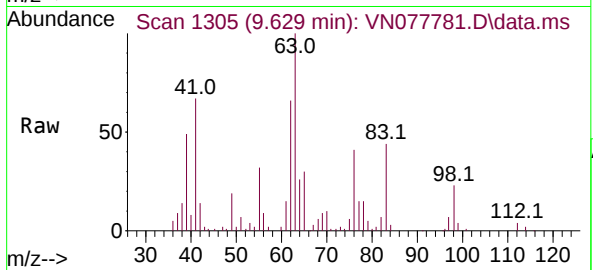
#45
1,2-Dichloropropane
Concen: 19.630 ug/l
RT: 9.629 min Scan# 1319
Delta R.T. 0.005 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion: 63 Resp: 10203
Ion Ratio Lower Upper
63 100
65 29.9 23.9 35.9

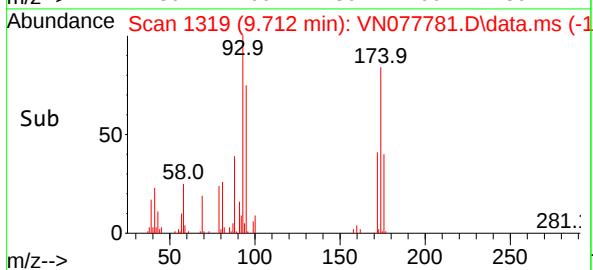
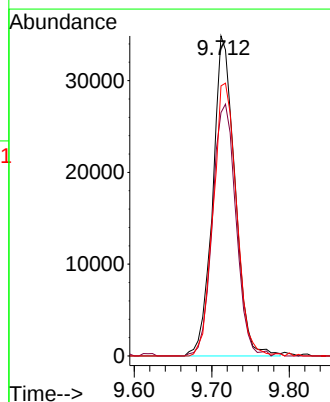
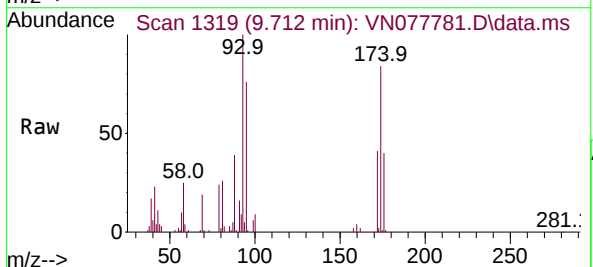
Manual Integrations
APPROVED

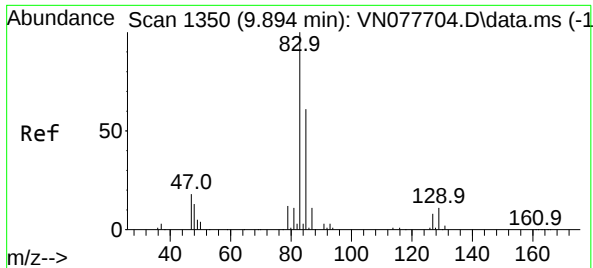
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#46
Dibromomethane
Concen: 18.668 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

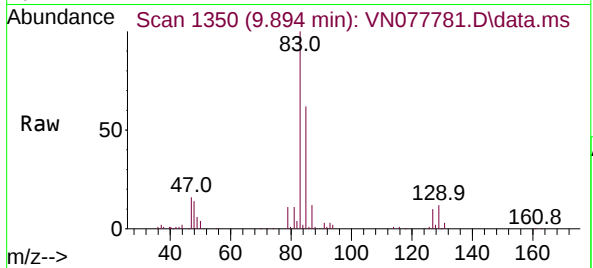
Tgt Ion: 93 Resp: 69434
Ion Ratio Lower Upper
93 100
95 83.2 63.8 95.8
174 89.3 65.6 98.4





#47
Bromodichloromethane
Concen: 19.823 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

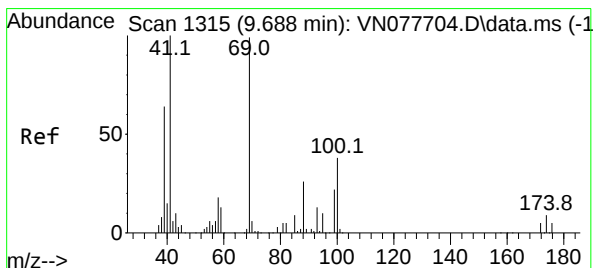
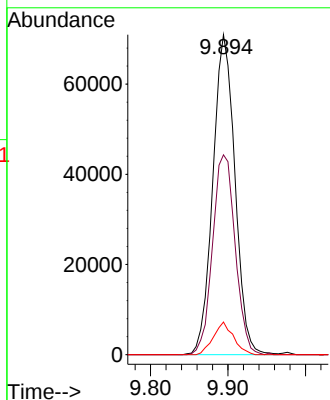
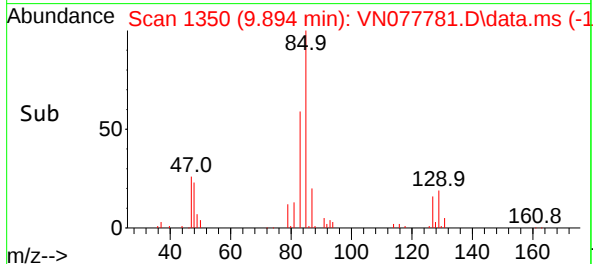
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 83 Resp: 141159
Ion Ratio Lower Upper
83 100
85 62.5 49.6 74.4
127 10.2 7.0 10.6

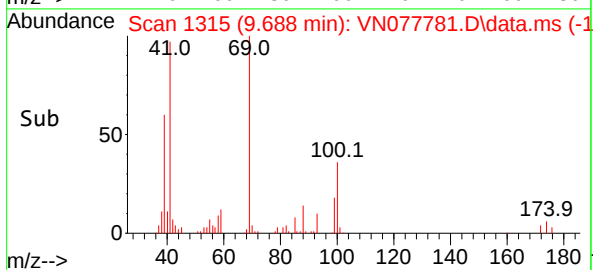
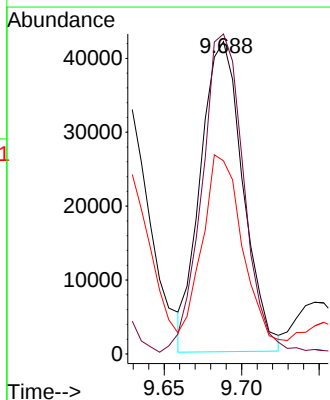
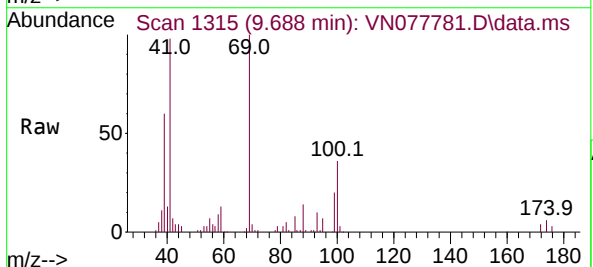
Manual Integrations
APPROVED

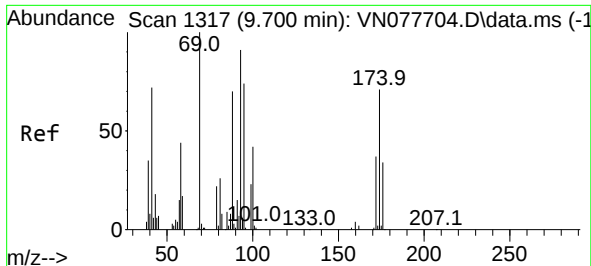
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#48
Methyl methacrylate
Concen: 16.828 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Tgt Ion: 41 Resp: 80209
Ion Ratio Lower Upper
41 100
69 103.4 90.4 135.6
39 63.8 54.6 81.8





#49

1,4-Dioxane

Concen: 332.756 ug/l

RT: 9.712 min Scan# 1317

Delta R.T. 0.018 min

Lab File: VN077781.D

Acq: 22 May 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBS01

Tgt Ion: 88 Resp: 2995

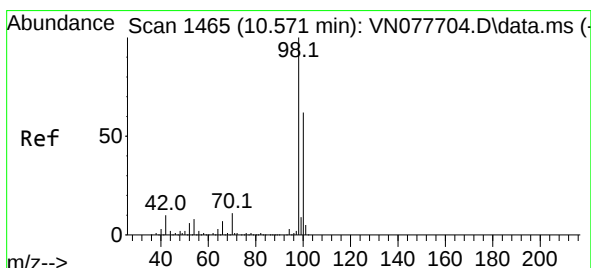
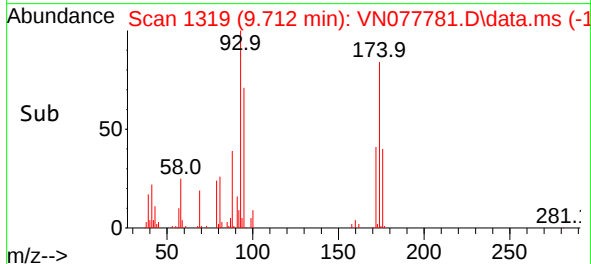
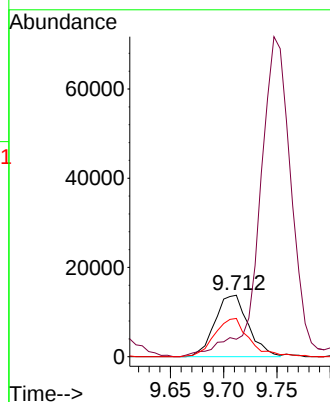
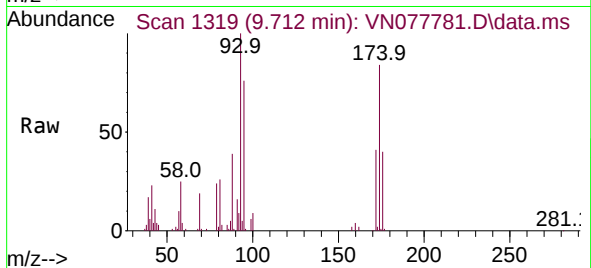
Ion	Ratio	Lower	Upper
88	100		
43	0.0	17.0	25.6
58	64.8	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#50

Toluene-d8

Concen: 51.603 ug/l

RT: 10.571 min Scan# 1465

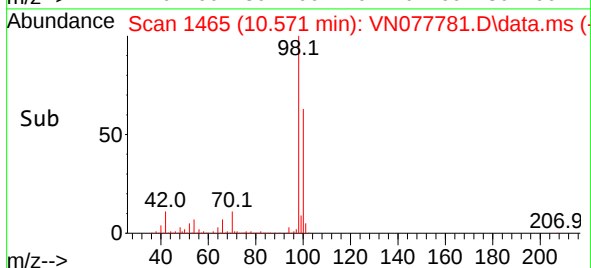
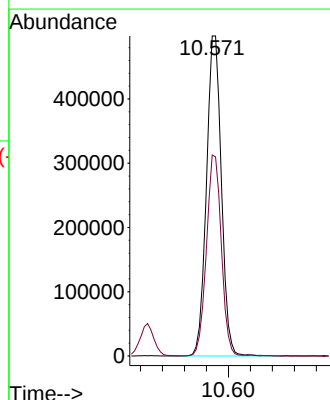
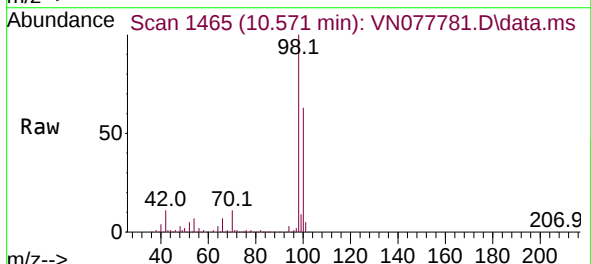
Delta R.T. -0.000 min

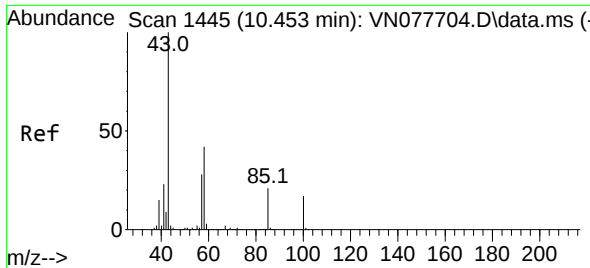
Lab File: VN077781.D

Acq: 22 May 2023 11:43

Tgt Ion: 98 Resp: 937742

Ion	Ratio	Lower	Upper
98	100		
100	62.7	52.0	78.0





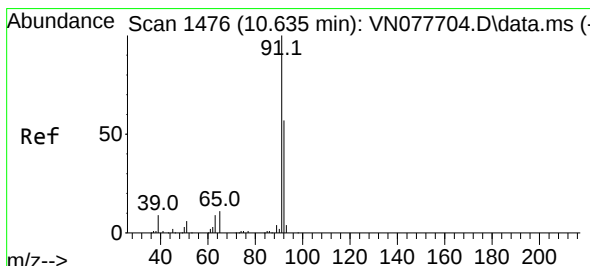
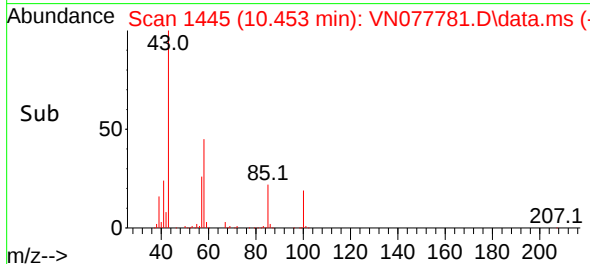
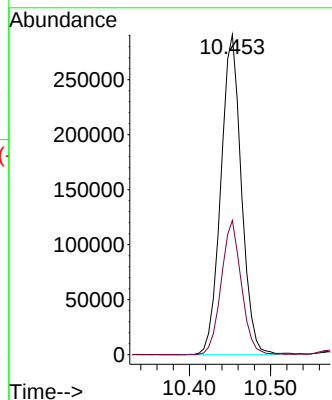
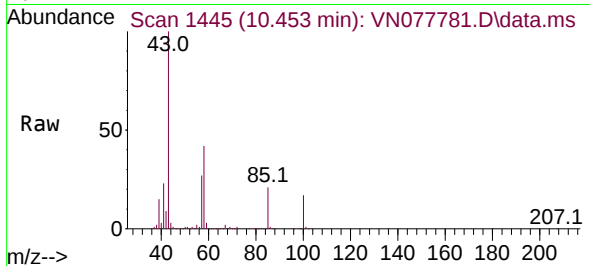
#51
4-Methyl-2-Pentanone
Concen: 85.737 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion: 43 Resp: 51235
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8

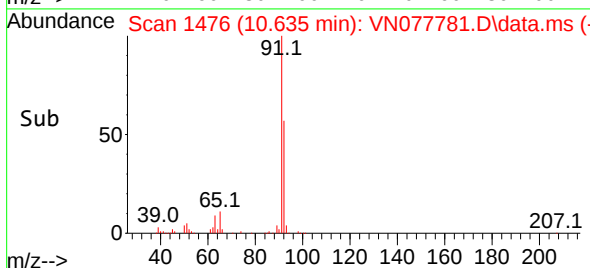
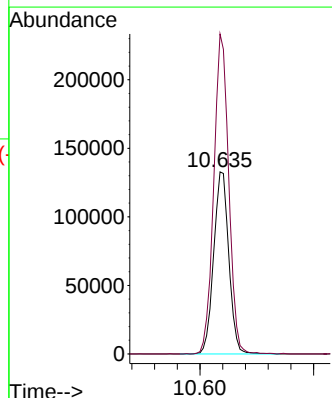
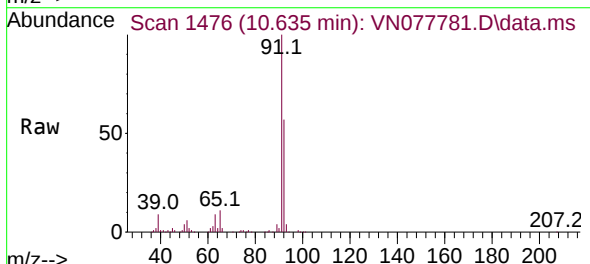
Manual Integrations
APPROVED

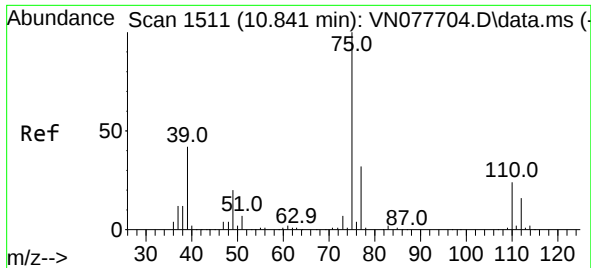
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#52
Toluene
Concen: 19.305 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

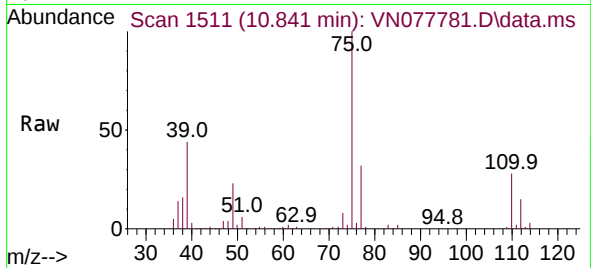
Tgt Ion: 92 Resp: 244905
Ion Ratio Lower Upper
92 100
91 173.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 17.994 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

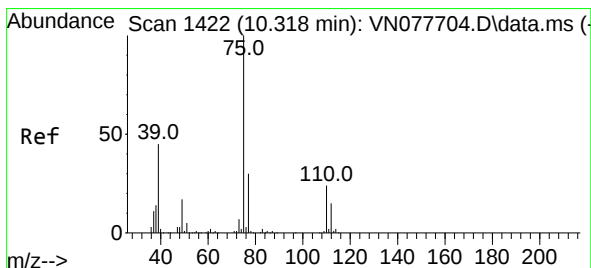
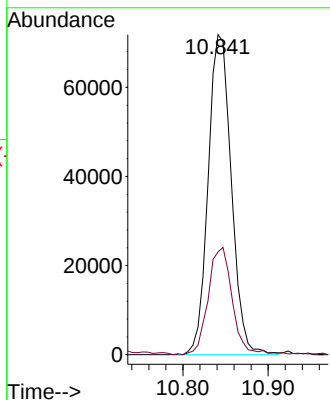
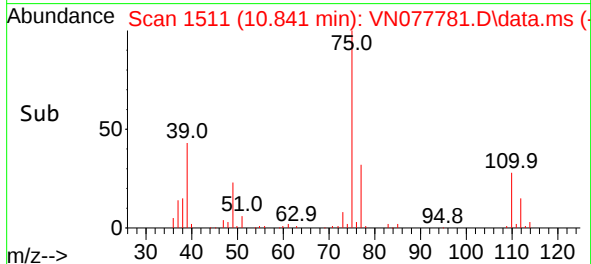
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



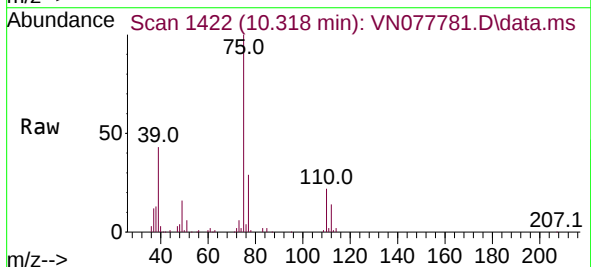
Tgt Ion: 75 Resp: 135688
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0

Manual Integrations
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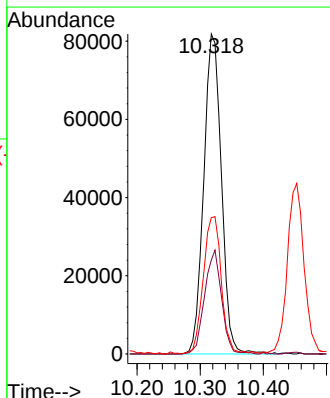
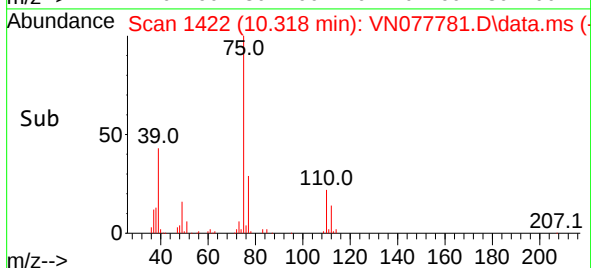
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

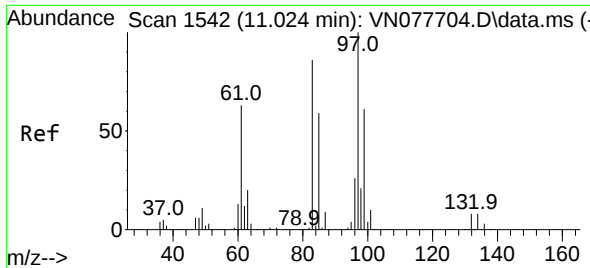


#54
cis-1,3-Dichloropropene
Concen: 19.146 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43



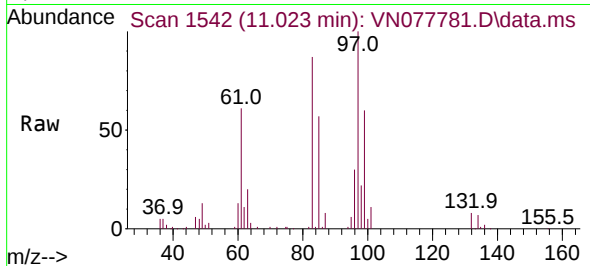
Tgt Ion: 75 Resp: 159103
Ion Ratio Lower Upper
75 100
77 29.3 26.1 39.1
39 42.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.184 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

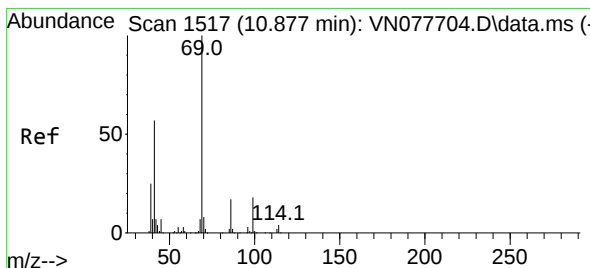
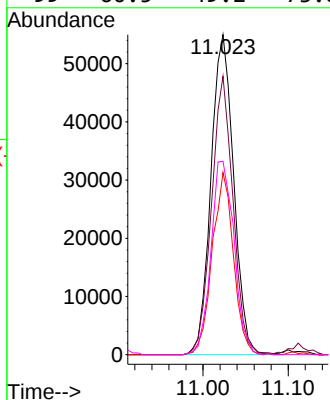
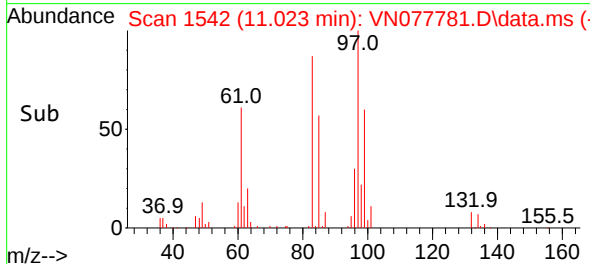
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 97 Resp: 101672
Ion Ratio Lower Upper
97 100
83 87.0 65.1 97.7
85 56.9 43.4 65.2
99 60.5 49.2 73.8

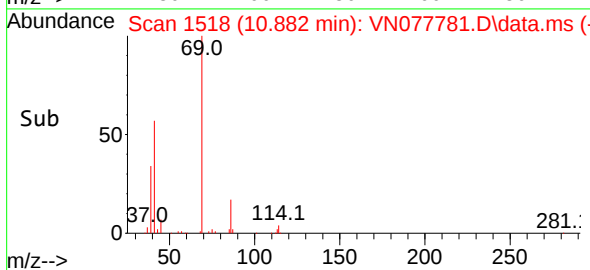
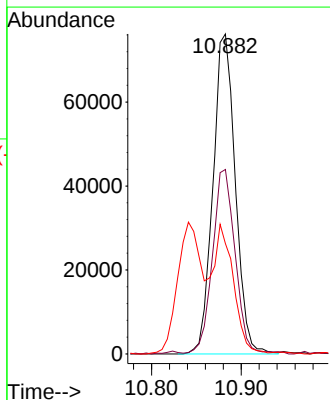
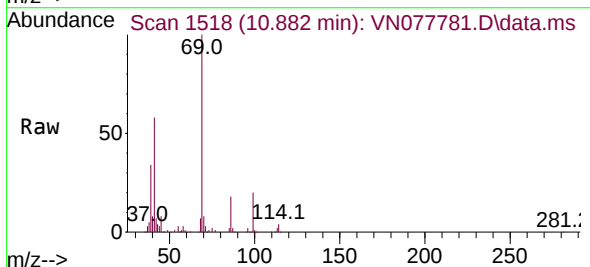
Manual Integrations
APPROVED

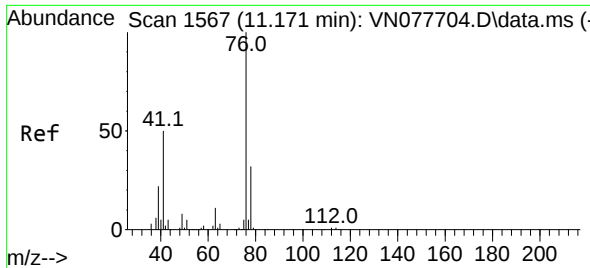
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#56
Ethyl methacrylate
Concen: 17.300 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

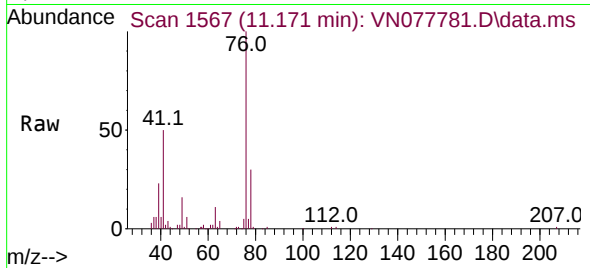
Tgt Ion: 69 Resp: 131762
Ion Ratio Lower Upper
69 100
41 58.7 39.6 59.4
39 33.1 28.6 43.0





#57
1,3-Dichloropropane
Concen: 18.695 ug/l
RT: 11.171 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

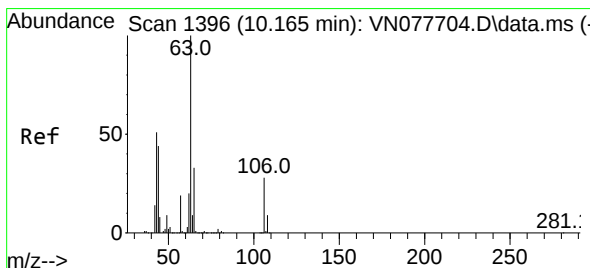
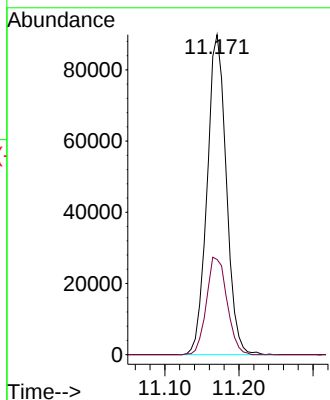
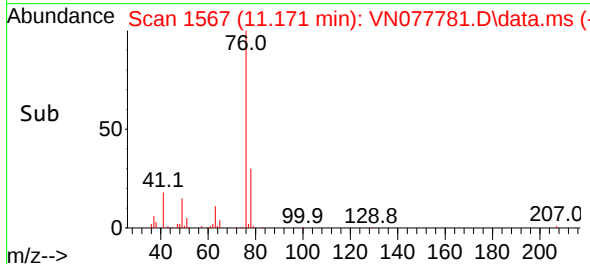
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



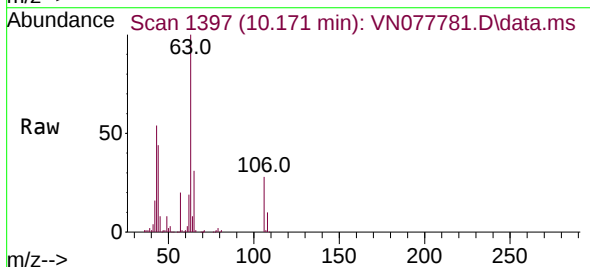
Tgt Ion: 76 Resp: 16144
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

Manual Integrations
APPROVED

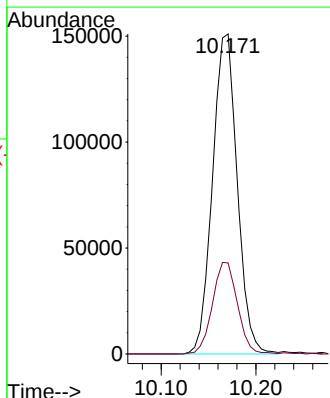
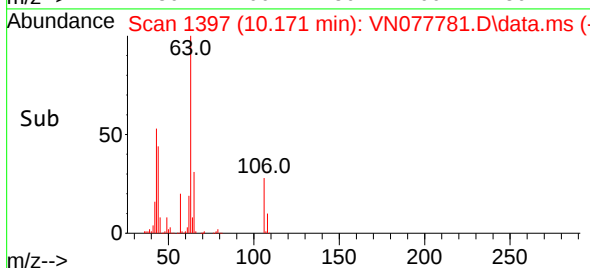
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

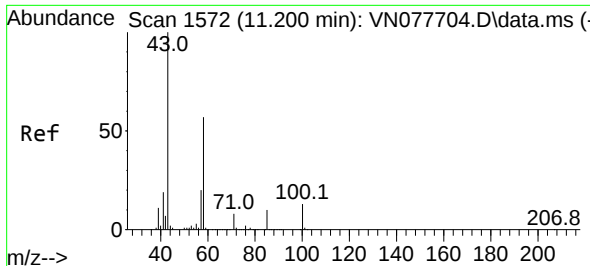


#58
2-Chloroethyl Vinyl ether
Concen: 73.186 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43



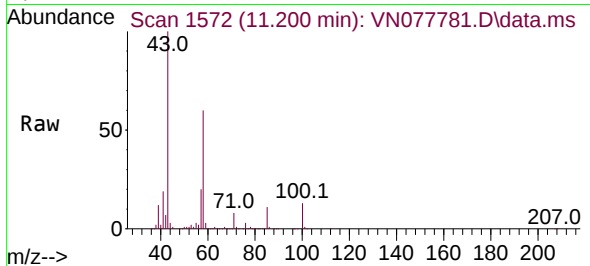
Tgt Ion: 63 Resp: 274221
Ion Ratio Lower Upper
63 100
106 28.9 26.2 39.4





#59
2-Hexanone
Concen: 79.315 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

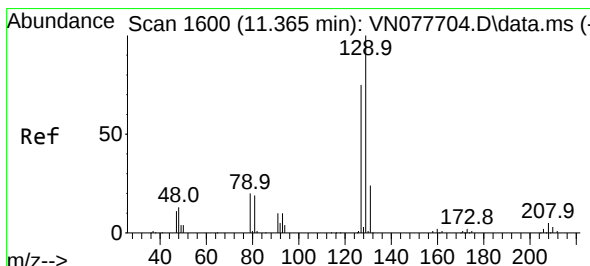
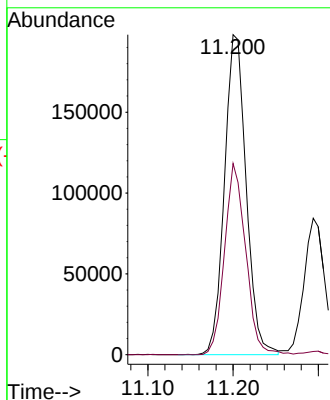
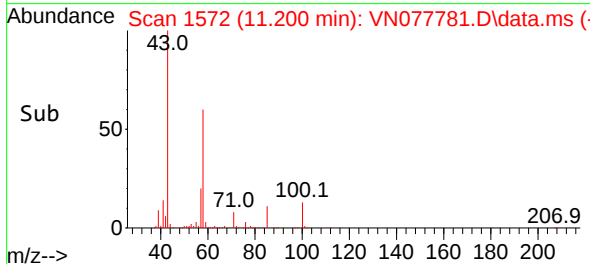
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 43 Resp: 35058
Ion Ratio Lower Upper
43 100
58 58.2 31.7 95.1

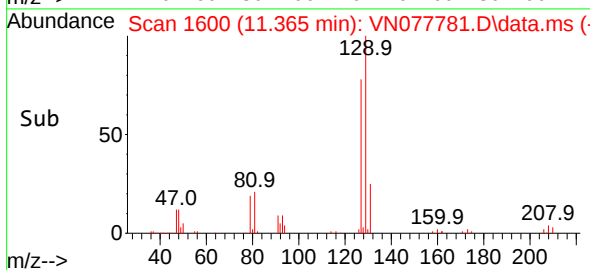
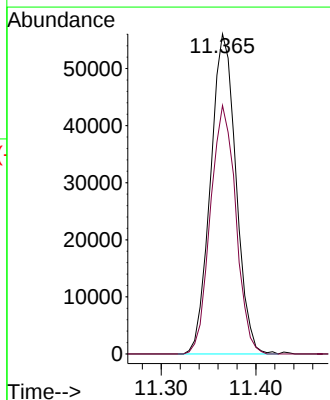
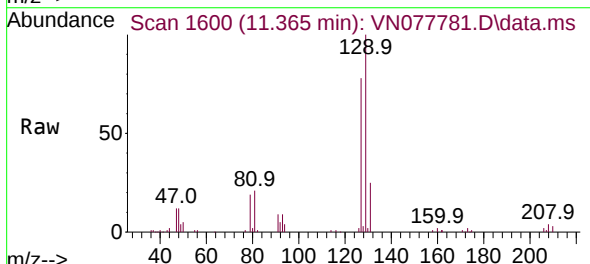
Manual Integrations
APPROVED

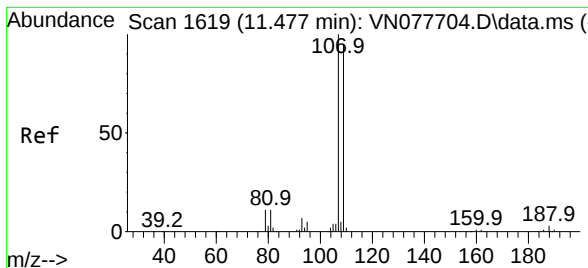
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#60
Dibromochloromethane
Concen: 20.137 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

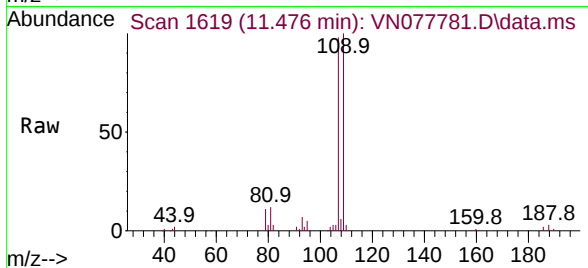
Tgt Ion:129 Resp: 104716
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.482 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

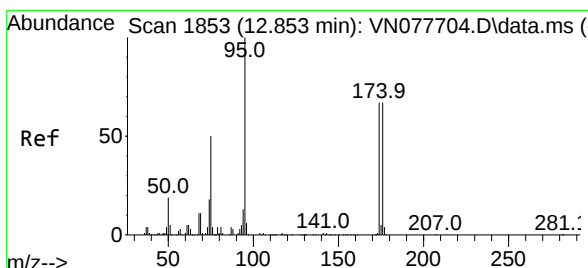
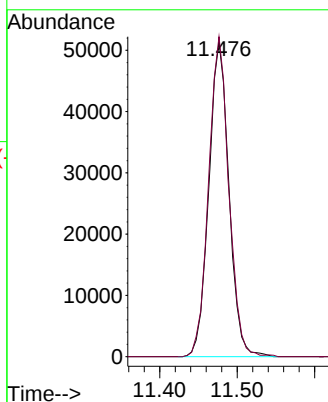
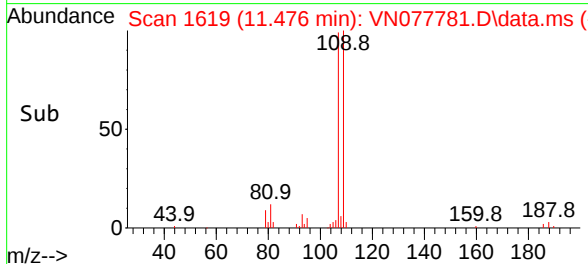
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



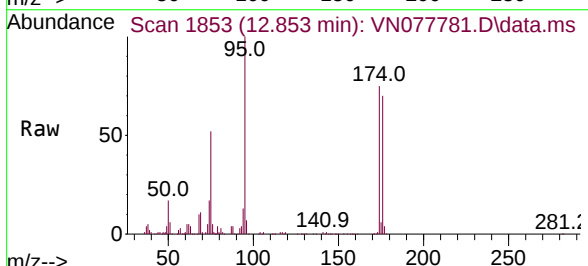
Tgt Ion:107 Resp: 92878
Ion Ratio Lower Upper
107 100
109 102.2 76.6 114.8

Manual Integrations
APPROVED

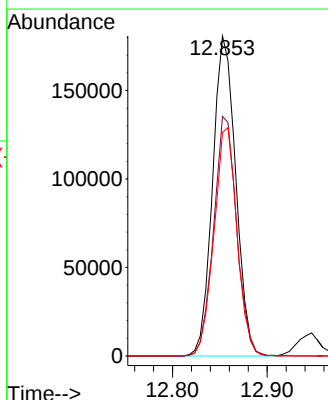
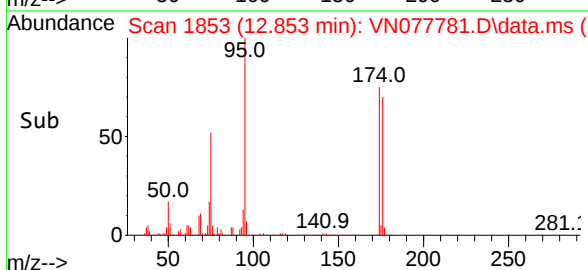
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

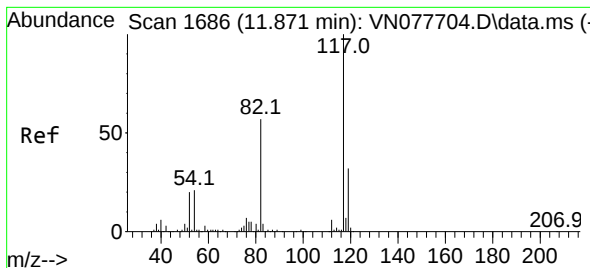


#62
4-Bromofluorobenzene
Concen: 47.833 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43



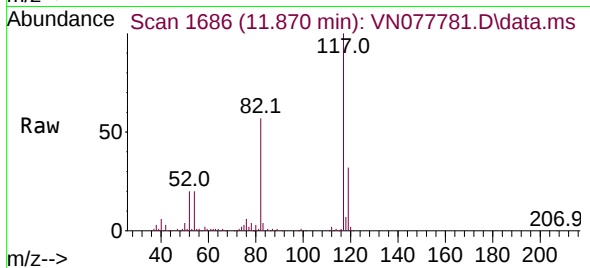
Tgt Ion: 95 Resp: 306996
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 71.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

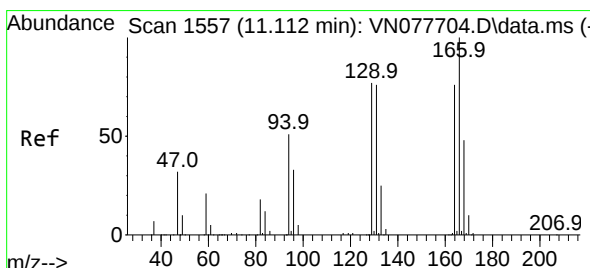
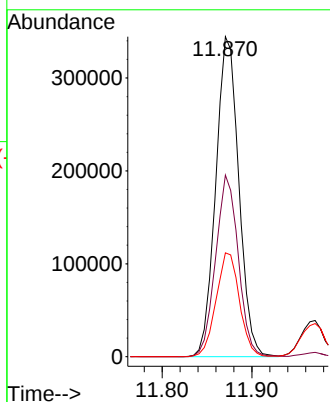
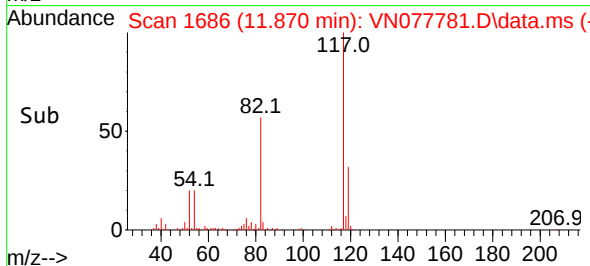
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



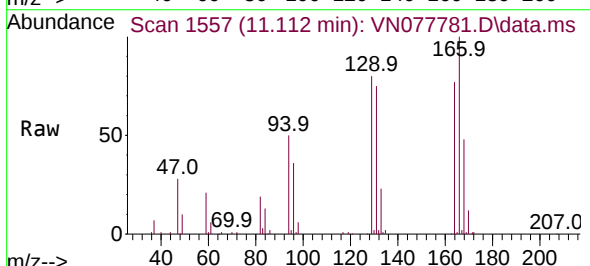
Tgt Ion:117 Resp: 61454
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 32.4 25.6 38.4

Manual Integrations
APPROVED

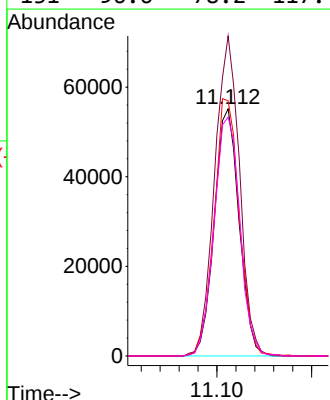
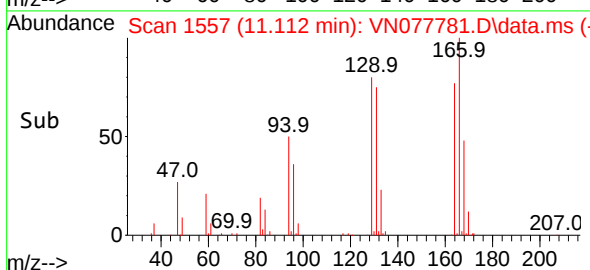
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

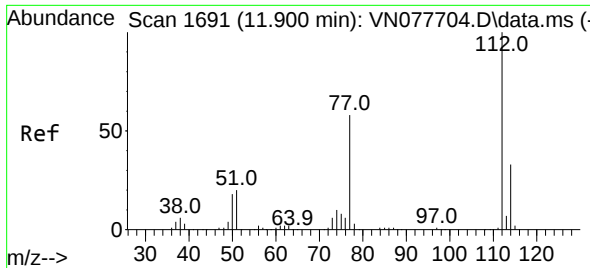


#64
Tetrachloroethene
Concen: 23.299 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43



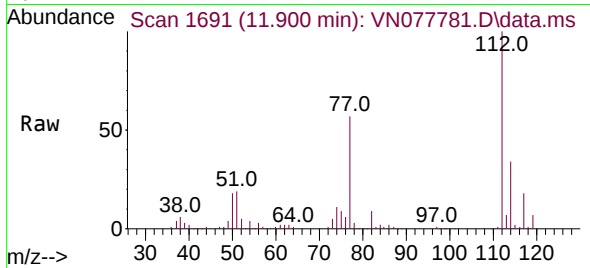
Tgt Ion:164 Resp: 100130
Ion Ratio Lower Upper
164 100
166 129.5 101.4 152.0
129 103.3 82.4 123.6
131 96.6 78.2 117.4





#65
Chlorobenzene
Concen: 19.693 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

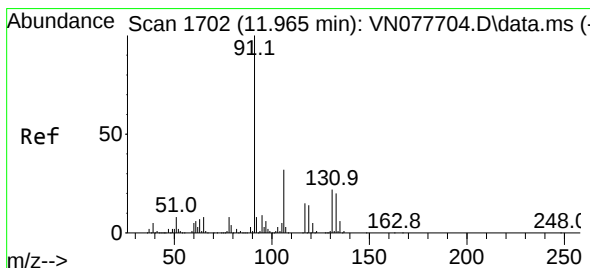
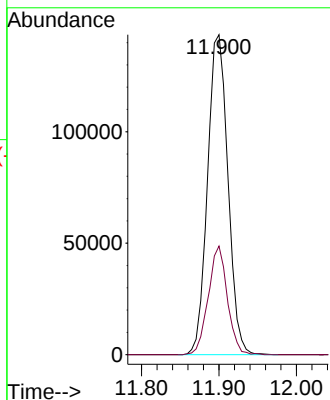
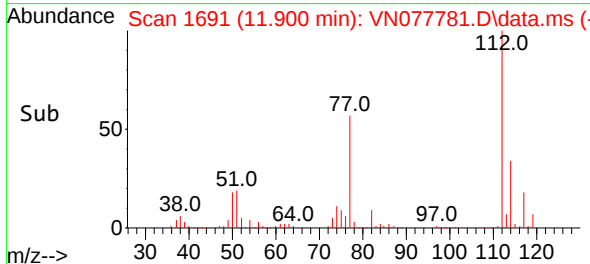
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion:112 Resp: 262360
Ion Ratio Lower Upper
112 100
114 34.0 25.0 37.4

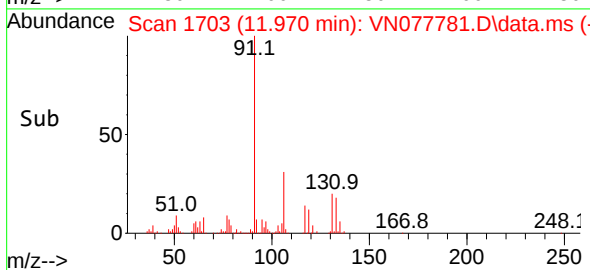
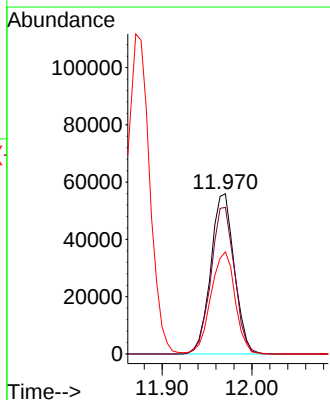
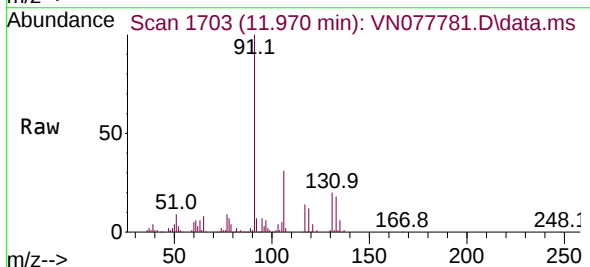
Manual Integrations
APPROVED

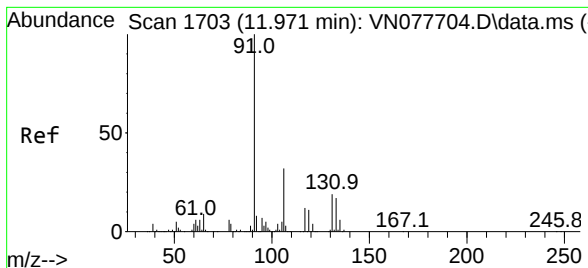
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 22.104 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Tgt Ion:131 Resp: 101894
Ion Ratio Lower Upper
131 100
133 91.8 46.4 139.1
119 65.4 34.1 102.2





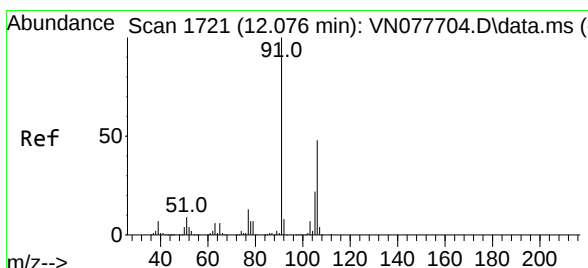
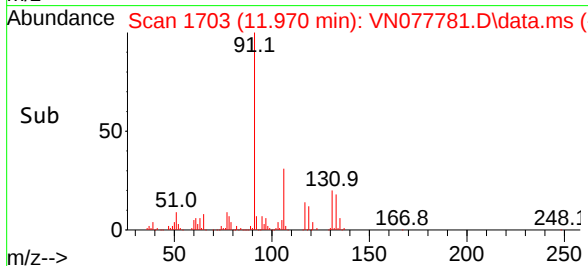
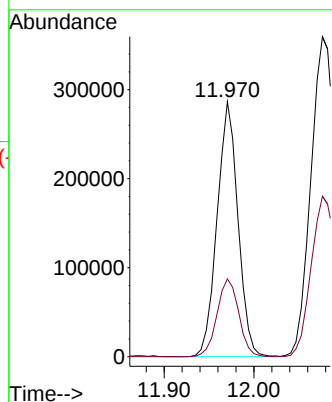
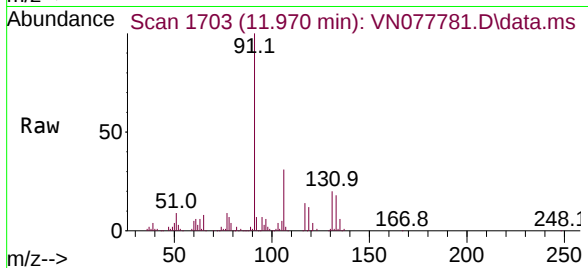
#67
Ethyl Benzene
Concen: 19.365 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion: 91 Resp: 46234
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

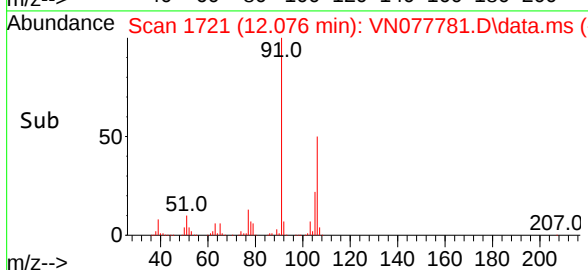
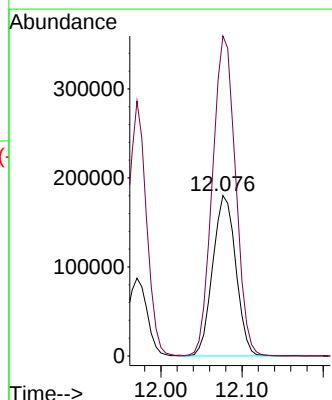
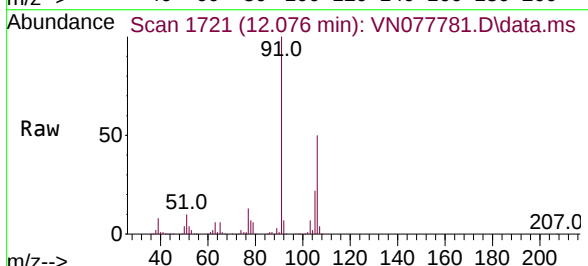
Manual Integrations
APPROVED

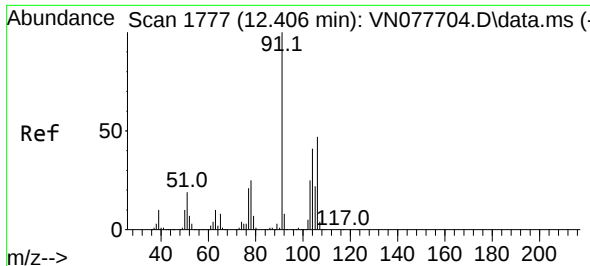
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#68
m/p-Xylenes
Concen: 39.358 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Tgt Ion:106 Resp: 356052
Ion Ratio Lower Upper
106 100
91 199.6 159.6 239.4





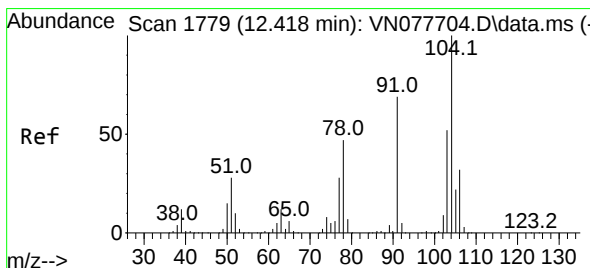
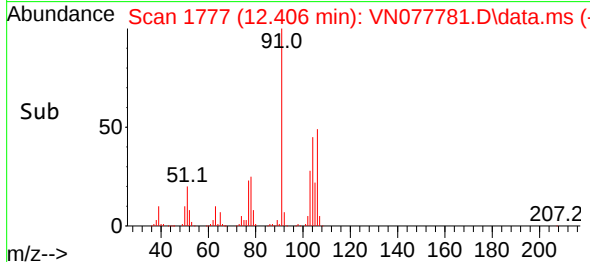
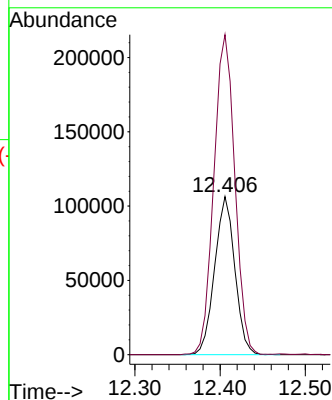
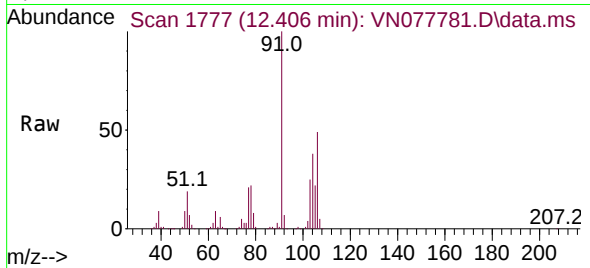
#69
o-Xylene
Concen: 19.687 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion:106 Resp: 175150
Ion Ratio Lower Upper
106 100
91 210.6 105.2 315.5

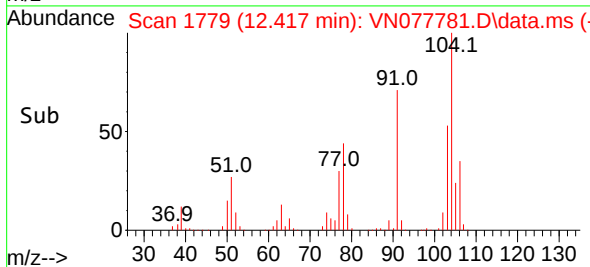
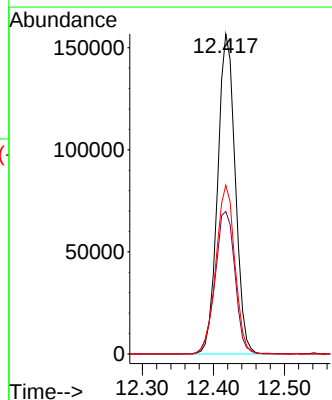
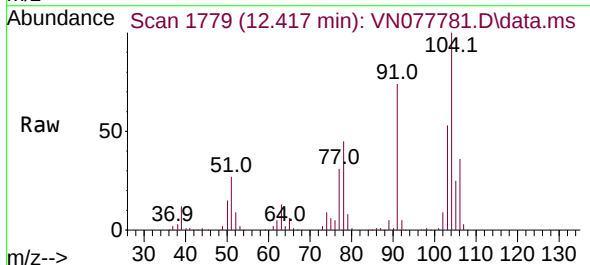
Manual Integrations
APPROVED

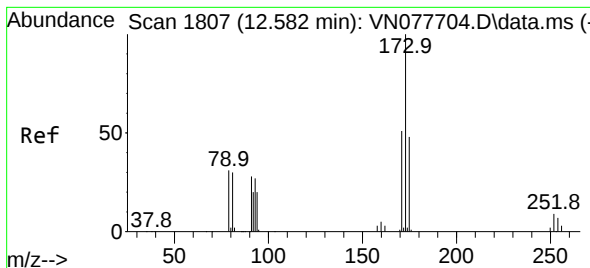
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#70
Styrene
Concen: 19.025 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Tgt Ion:104 Resp: 268878
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 56.6 43.2 64.8





#71

Bromoform

Concen: 21.482 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN077781.D

Acq: 22 May 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBS01

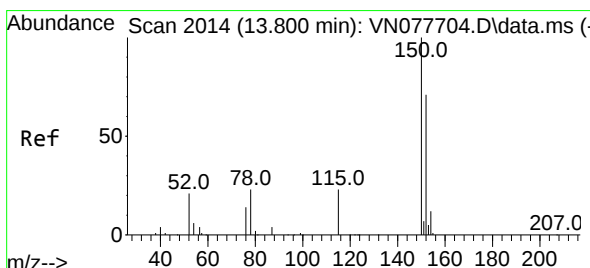
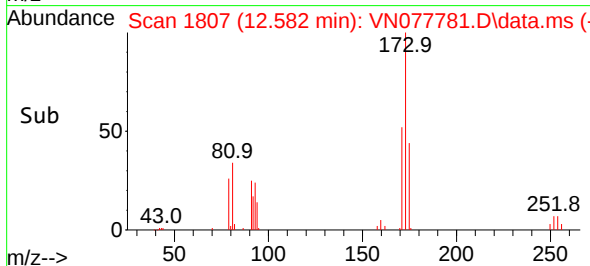
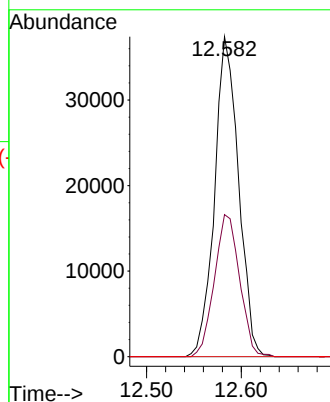
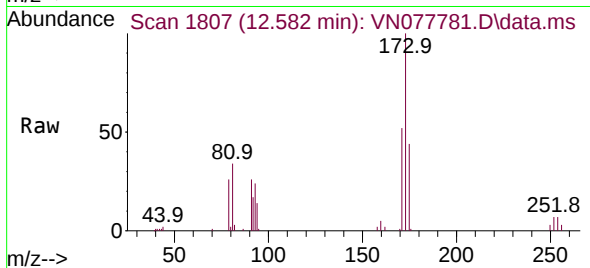
Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.7	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

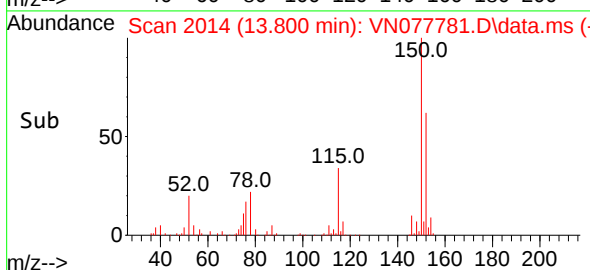
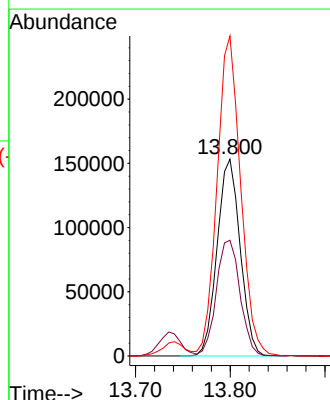
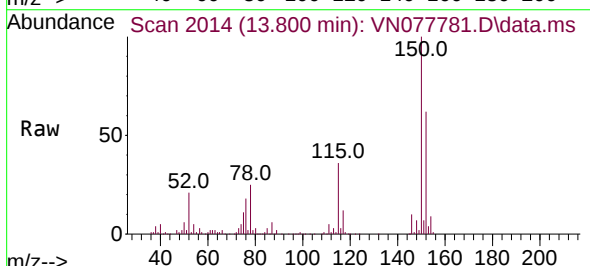
RT: 13.800 min Scan# 2014

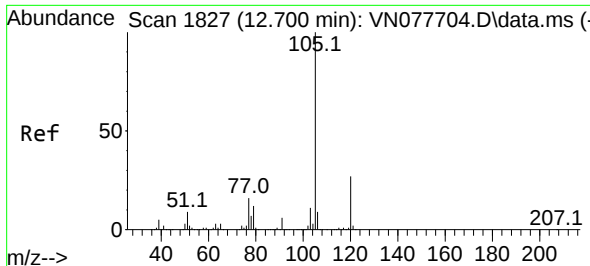
Delta R.T. -0.000 min

Lab File: VN077781.D

Acq: 22 May 2023 11:43

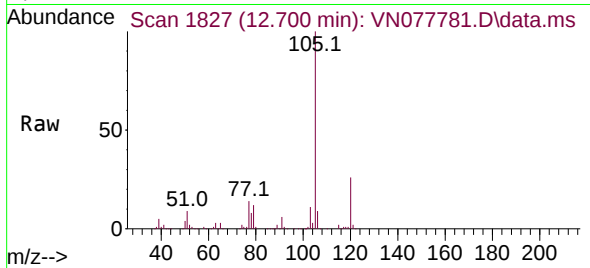
Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	32.3	96.8
150	166.3	0.0	355.8





#73
Isopropylbenzene
Concen: 20.472 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

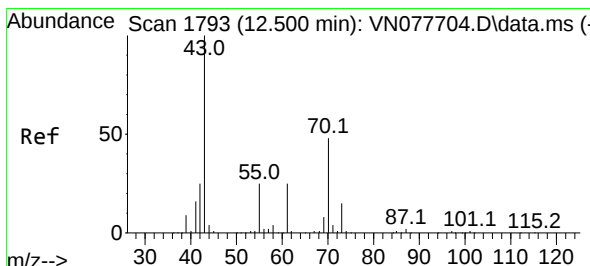
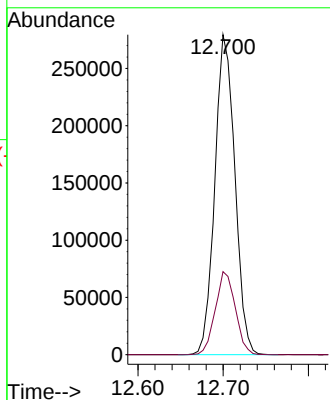
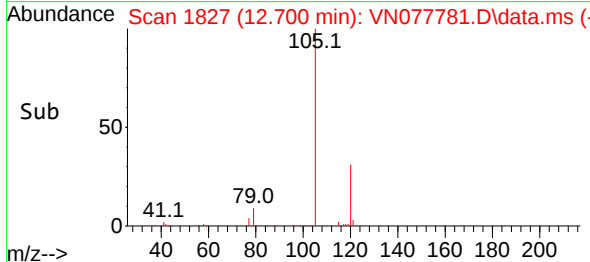
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



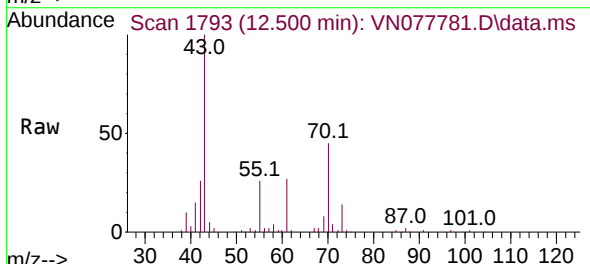
Tgt Ion:105 Resp: 457602
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

Manual Integrations
APPROVED

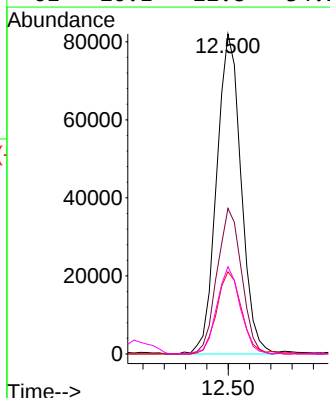
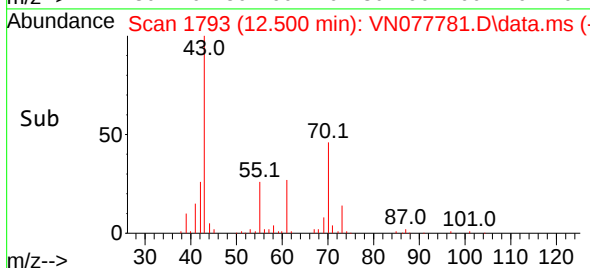
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

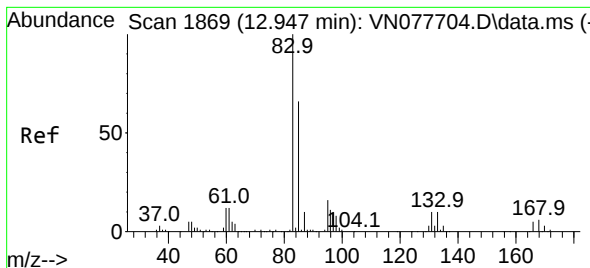


#74
N-ethyl acetate
Concen: 15.844 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43



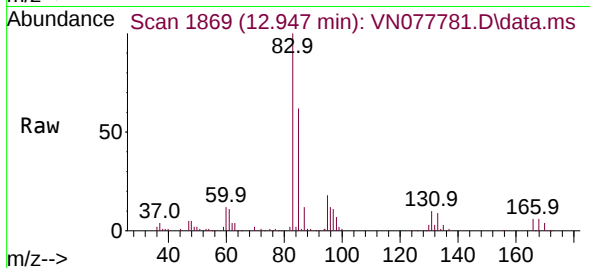
Tgt Ion: 43 Resp: 130908
Ion Ratio Lower Upper
43 100
70 45.5 43.4 65.2
55 26.2 21.4 32.0
61 26.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.499 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

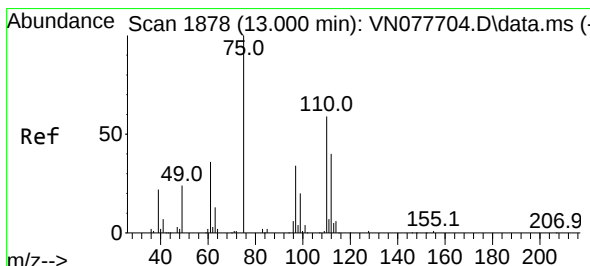
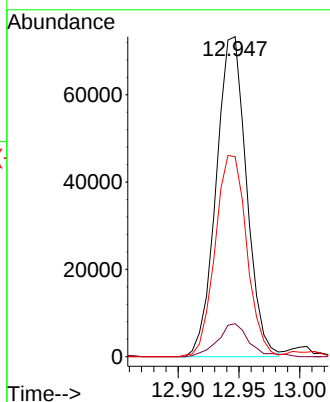
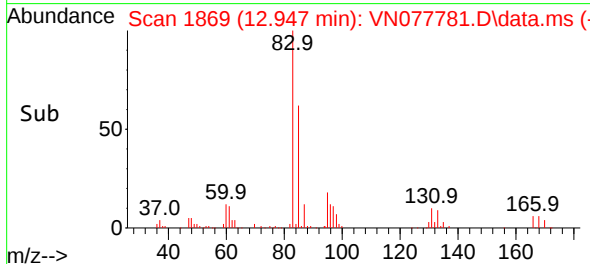
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



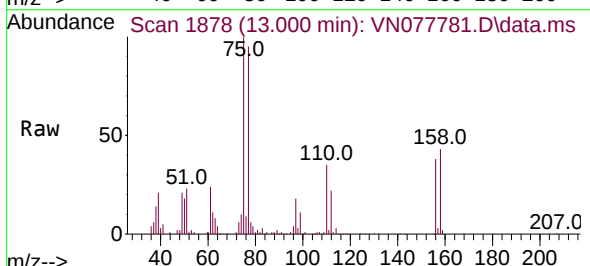
Tgt Ion: 83 Resp: 12721
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 65.3 31.9 95.7

Manual Integrations
APPROVED

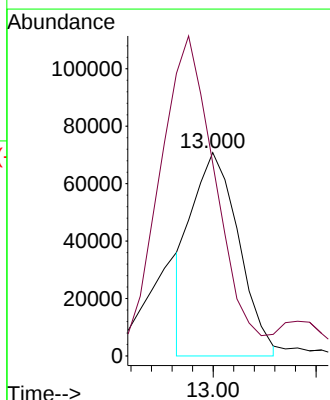
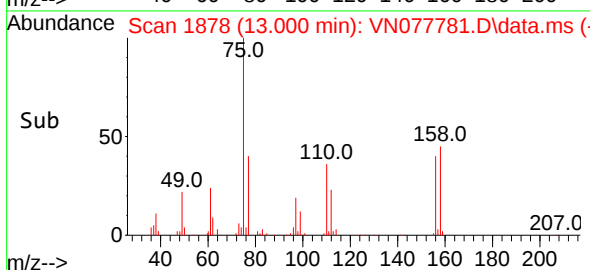
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

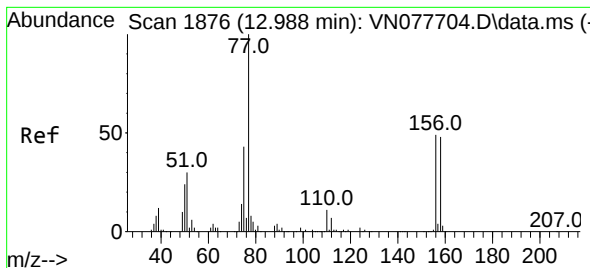


#76
1,2,3-Trichloropropane
Concen: 17.440 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43



Tgt Ion: 75 Resp: 113257
Ion Ratio Lower Upper
75 100
77 187.9 84.5 253.5





#77

Bromobenzene

Concen: 19.258 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN077781.D

Acq: 22 May 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBS01

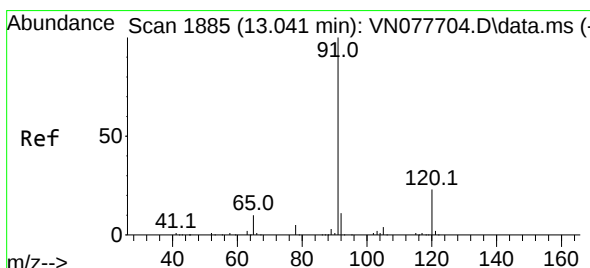
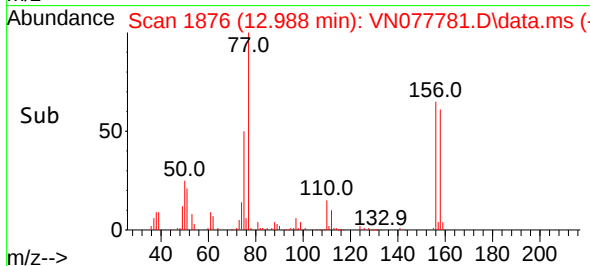
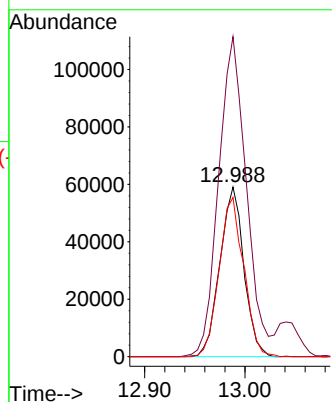
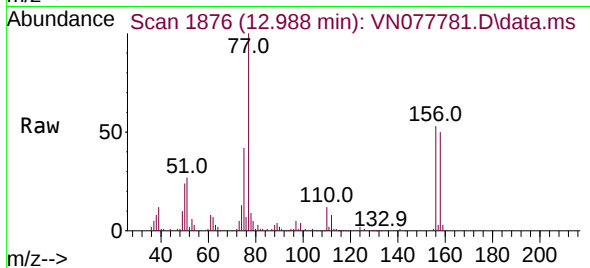
Tgt Ion:	156	Resp:	9823
Ion Ratio	Lower	Upper	
156	100		
77	216.6	107.7	323.3
158	96.6	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#78

n-propylbenzene

Concen: 19.333 ug/l

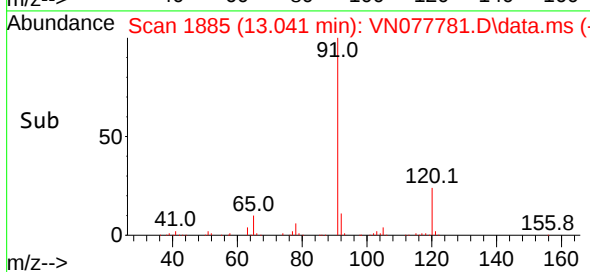
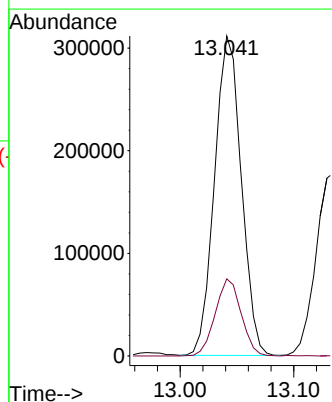
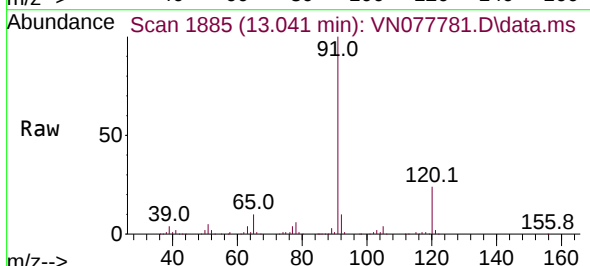
RT: 13.041 min Scan# 1885

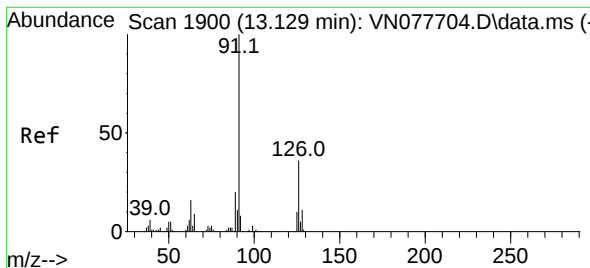
Delta R.T. -0.000 min

Lab File: VN077781.D

Acq: 22 May 2023 11:43

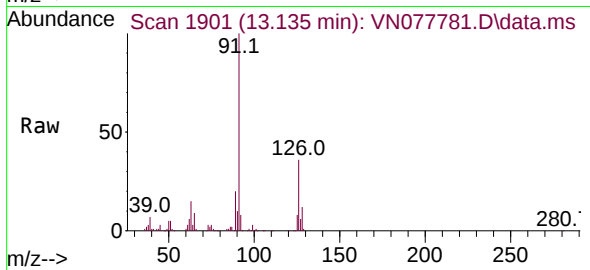
Tgt Ion:	91	Resp:	509473
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





#79
2-Chlorotoluene
Concen: 19.851 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

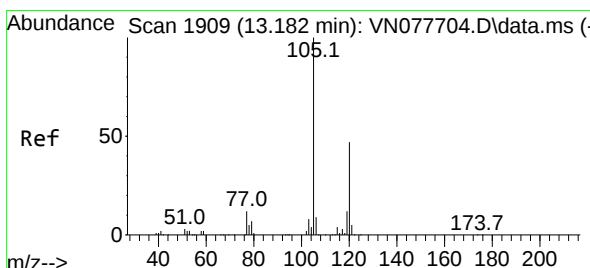
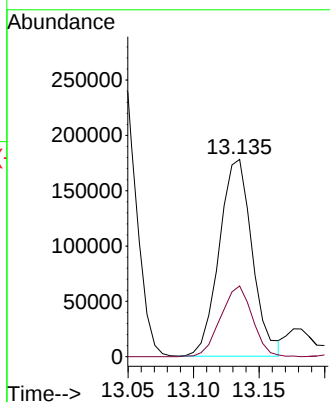
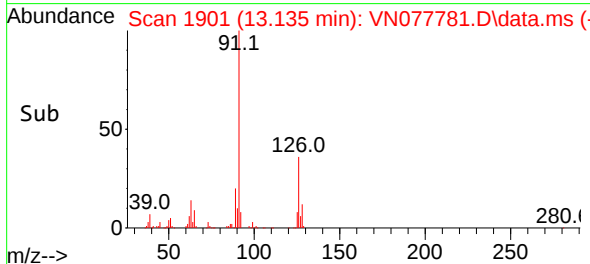
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



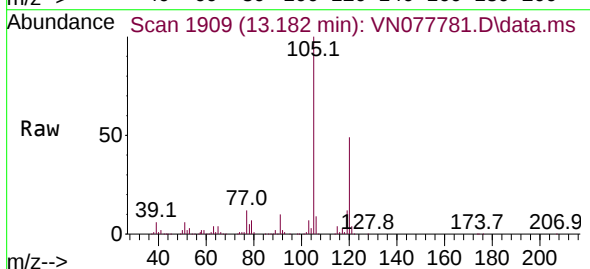
Tgt Ion: 91 Resp: 31215
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

Manual Integrations
APPROVED

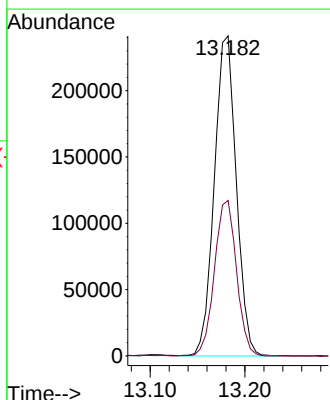
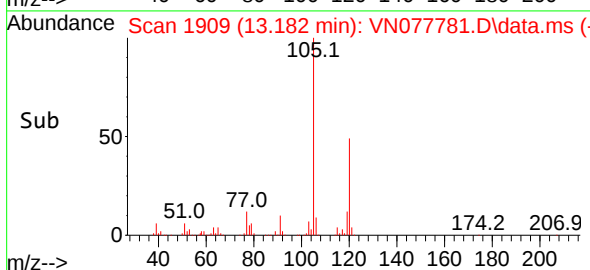
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

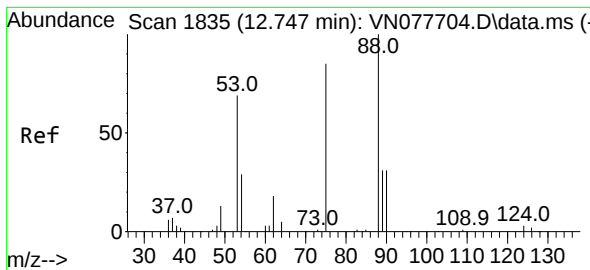


#80
1,3,5-Trimethylbenzene
Concen: 20.720 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43



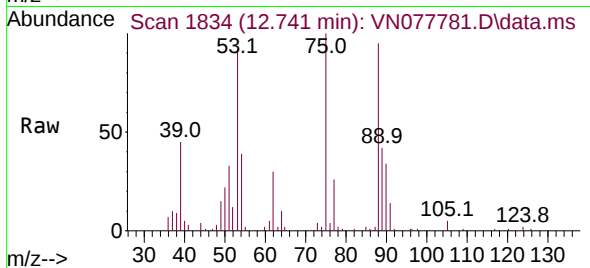
Tgt Ion:105 Resp: 389274
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.215 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

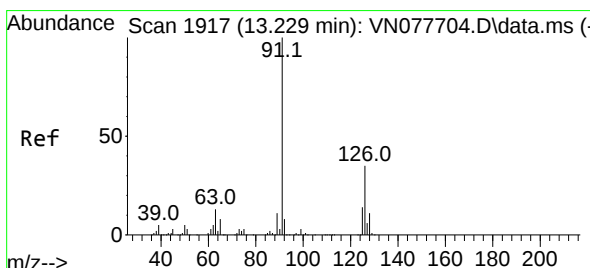
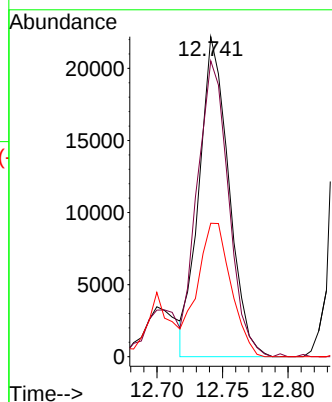
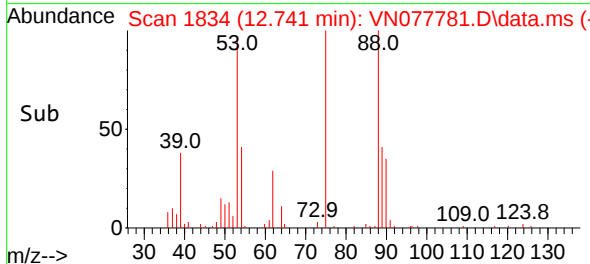
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 75 Resp: 34974
Ion Ratio Lower Upper
75 100
53 97.3 67.4 101.2
89 47.2 38.8 58.2

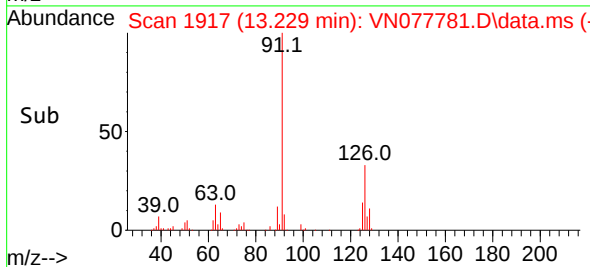
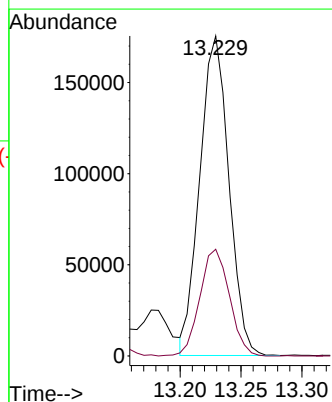
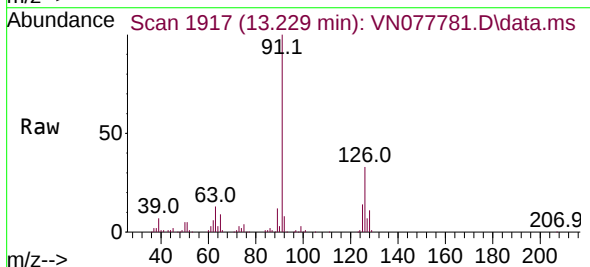
Manual Integrations
APPROVED

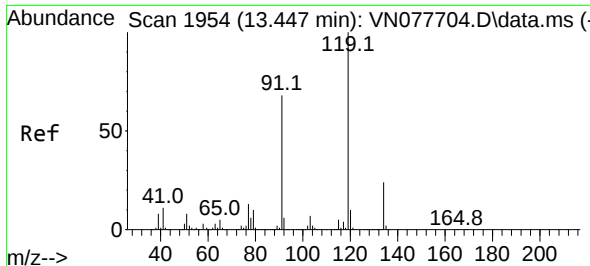
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#82
4-Chlorotoluene
Concen: 18.603 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Tgt Ion: 91 Resp: 291060
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0





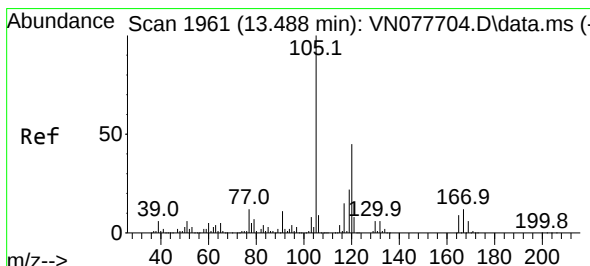
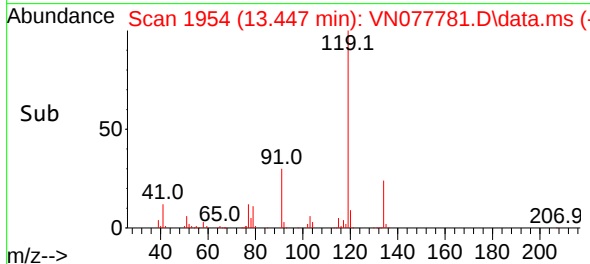
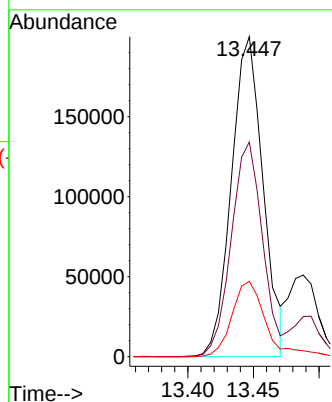
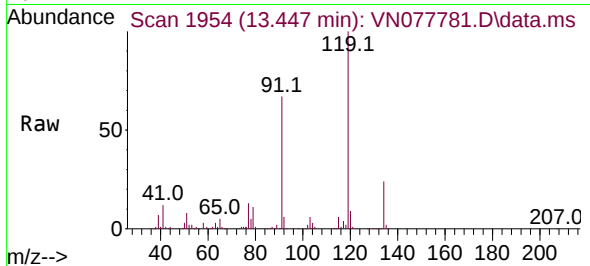
#83
tert-Butylbenzene
Concen: 20.475 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion:119 Resp: 335808
Ion Ratio Lower Upper
119 100
91 66.2 33.9 101.7
134 25.2 13.2 39.6

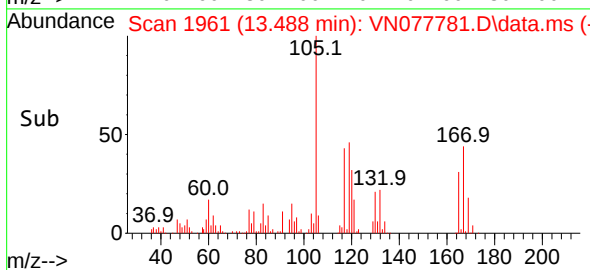
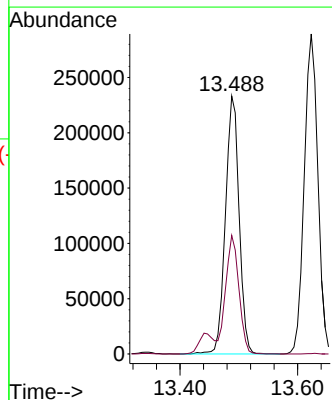
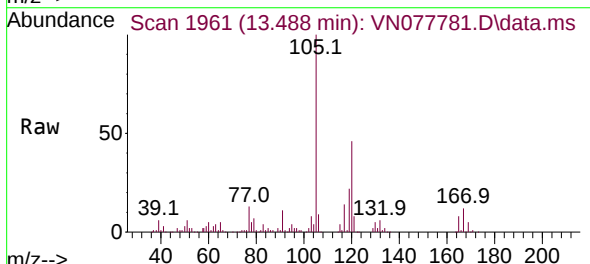
Manual Integrations
APPROVED

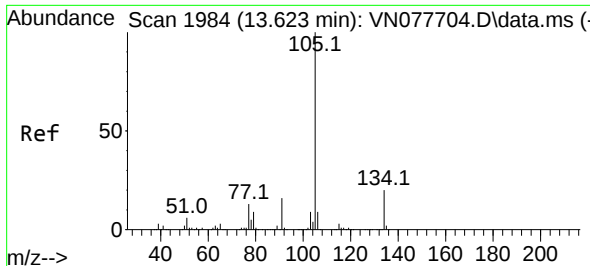
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.411 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Tgt Ion:105 Resp: 377133
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





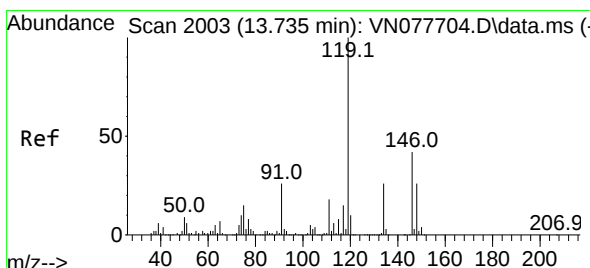
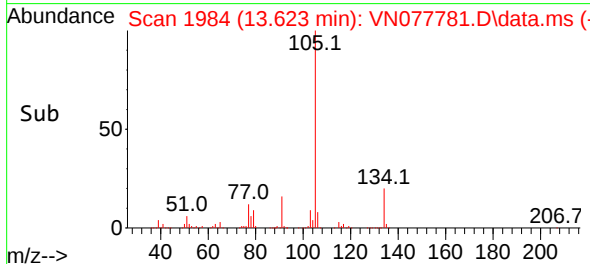
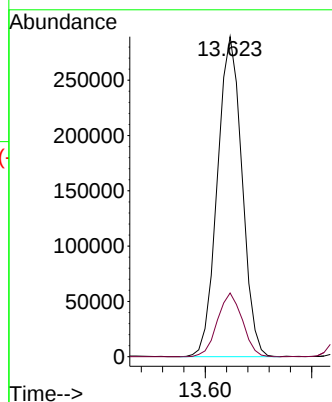
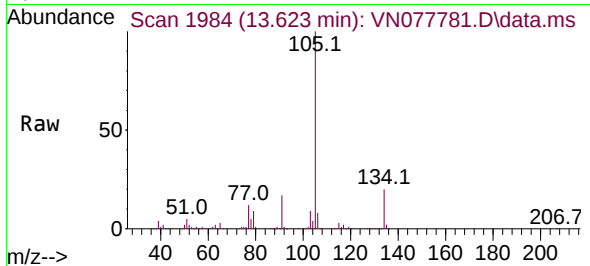
#85
 sec-Butylbenzene
 Concen: 19.939 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077781.D
 Acq: 22 May 2023 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBS01

Tgt Ion:105 Resp: 46475
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

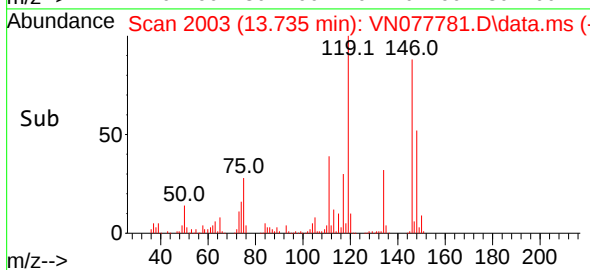
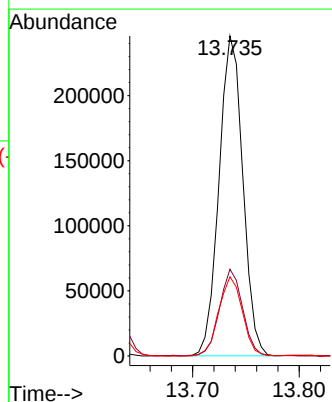
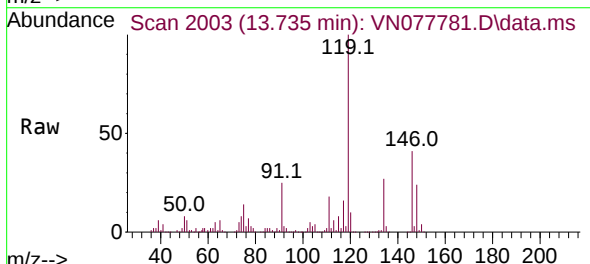
Manual Integrations
 APPROVED

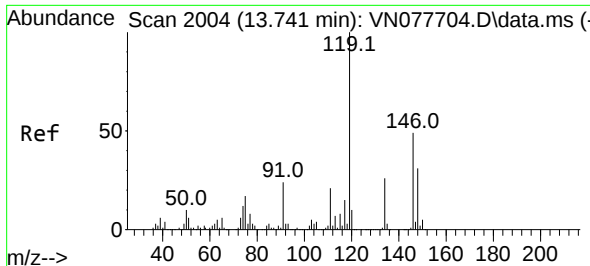
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#86
 p-Isopropyltoluene
 Concen: 20.504 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077781.D
 Acq: 22 May 2023 11:43

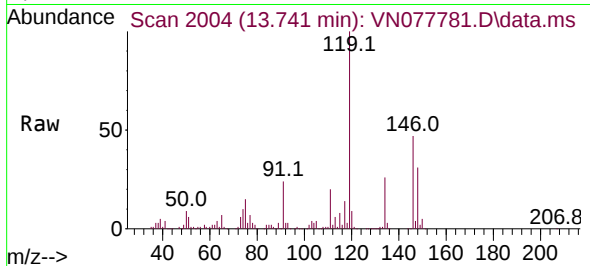
Tgt Ion:119 Resp: 381018
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.8
 91 24.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.378 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

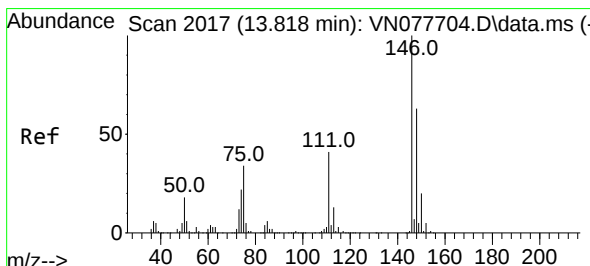
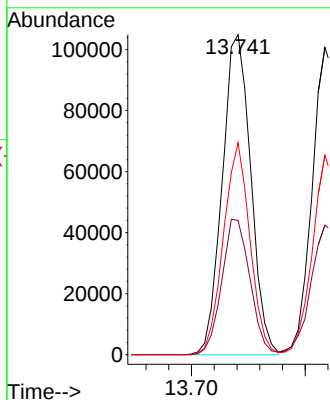
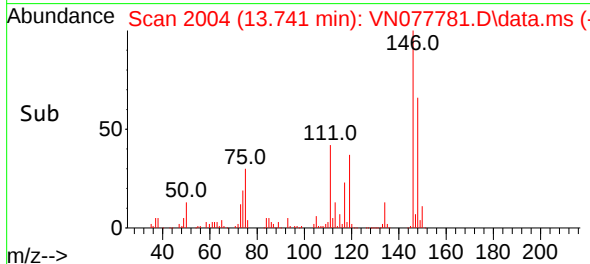
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



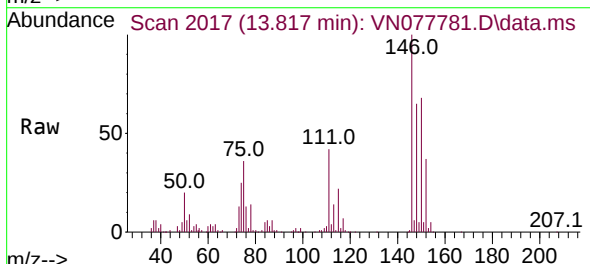
Tgt Ion:146 Resp: 182809
Ion Ratio Lower Upper
146 100
111 41.9 22.1 66.3
148 61.6 32.0 96.0

Manual Integrations
APPROVED

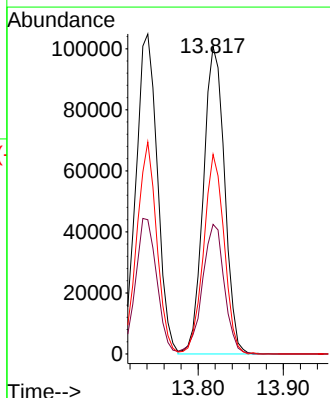
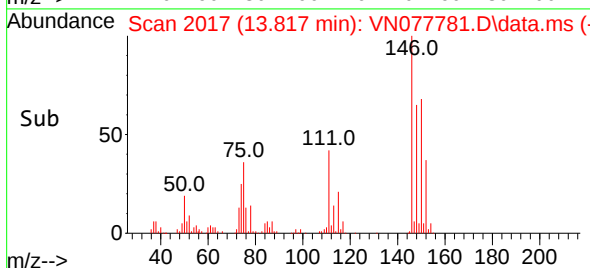
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

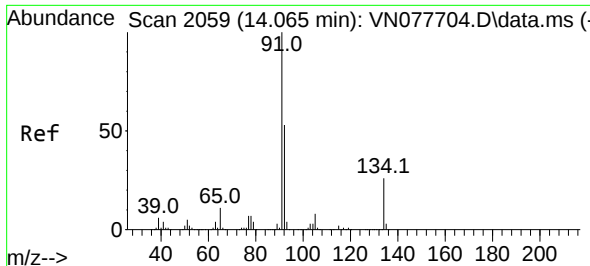


#88
1,4-Dichlorobenzene
Concen: 18.594 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43



Tgt Ion:146 Resp: 174065
Ion Ratio Lower Upper
146 100
111 43.6 20.6 61.8
148 62.9 31.6 94.8





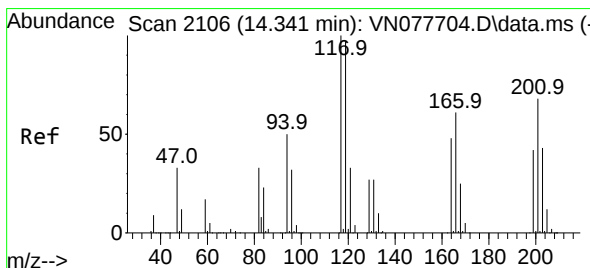
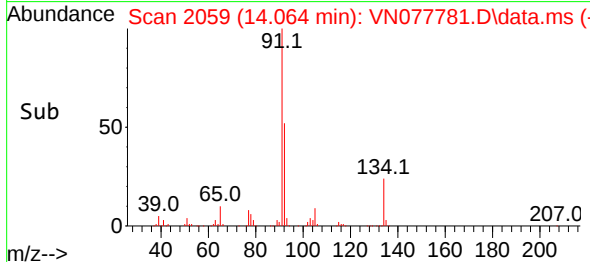
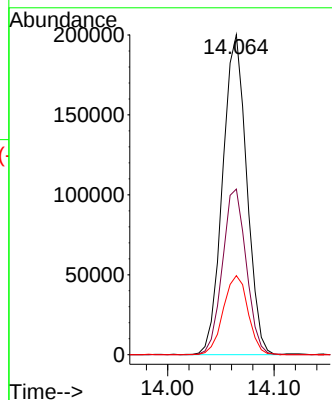
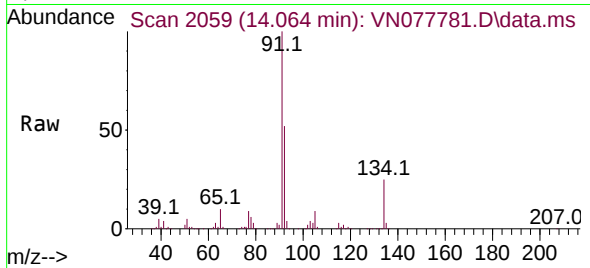
#89
n-Butylbenzene
Concen: 18.363 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion: 91 Resp: 31385
Ion Ratio Lower Upper
91 100
92 51.2 26.4 79.0
134 25.4 12.6 37.6

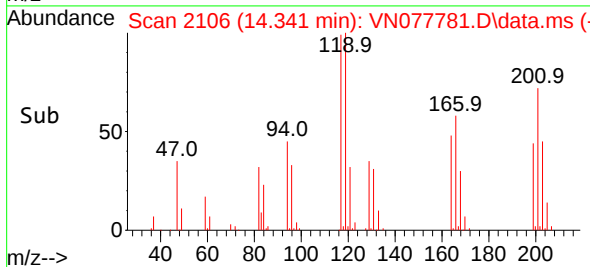
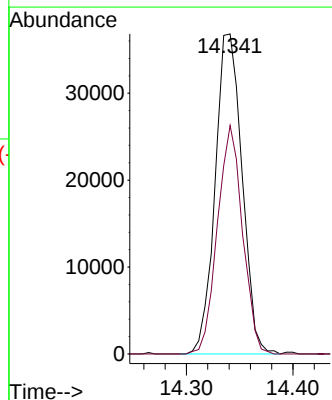
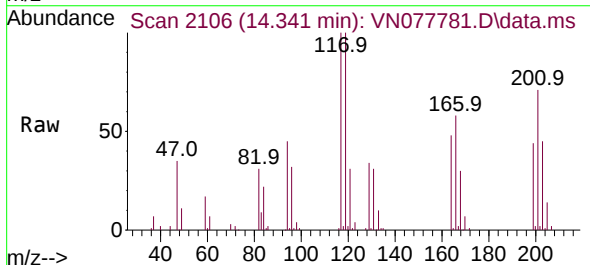
Manual Integrations
APPROVED

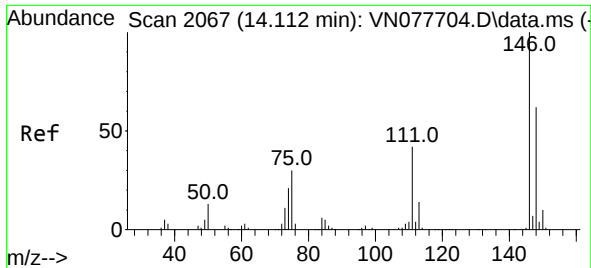
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#90
Hexachloroethane
Concen: 21.164 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

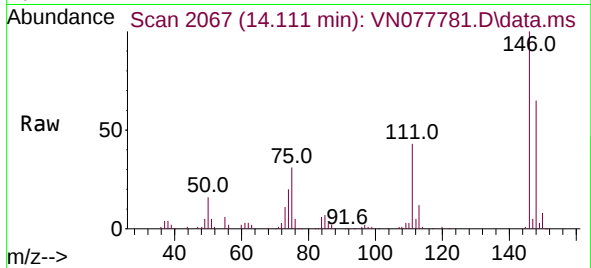
Tgt Ion:117 Resp: 64606
Ion Ratio Lower Upper
117 100
201 66.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 20.498 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

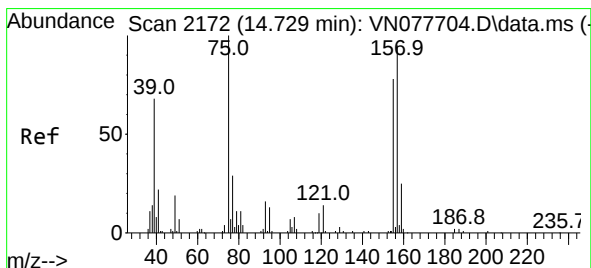
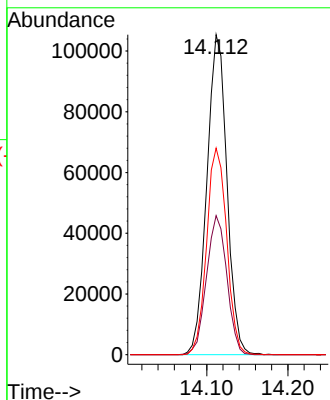
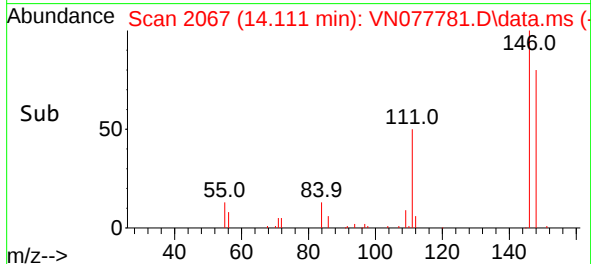
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



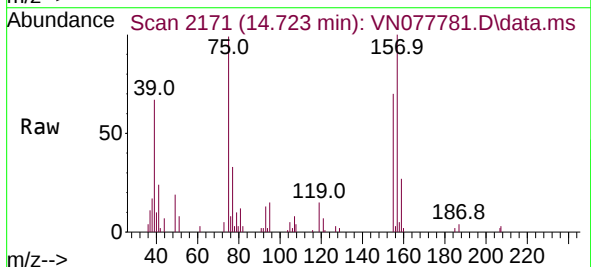
Tgt Ion:146 Resp: 180649
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 64.5 31.8 95.3

Manual Integrations
APPROVED

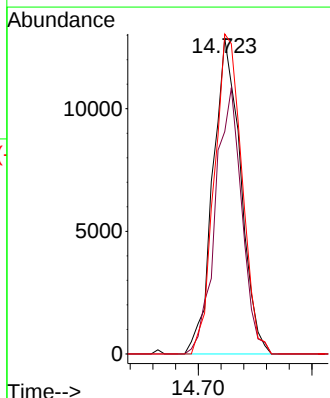
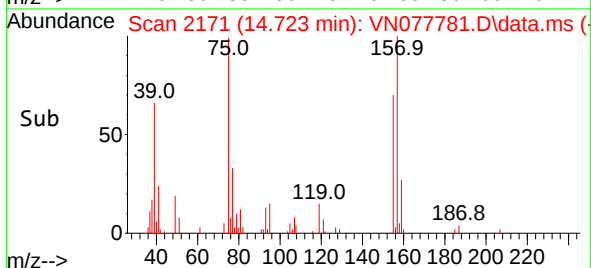
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

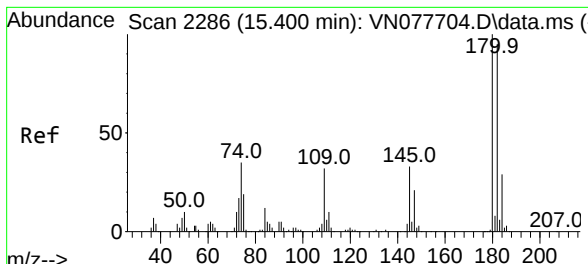


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.348 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43



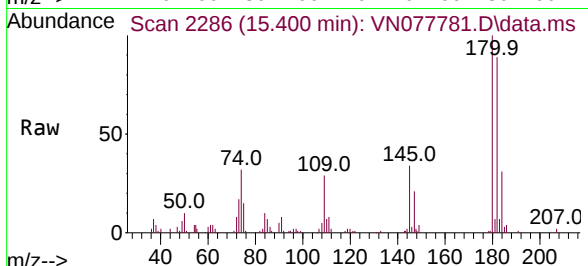
Tgt Ion: 75 Resp: 21765
Ion Ratio Lower Upper
75 100
155 80.6 39.1 117.2
157 100.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.415 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

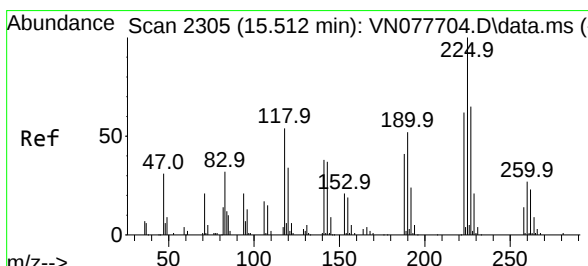
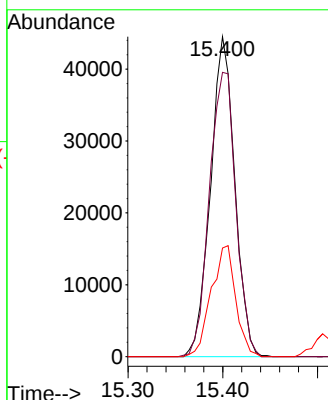
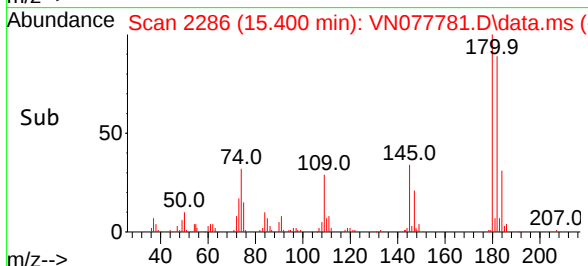
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion:180 Resp: 79389
Ion Ratio Lower Upper
180 100
182 96.6 46.1 138.2
145 35.0 16.6 49.8

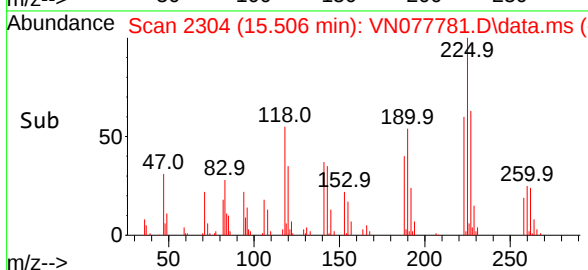
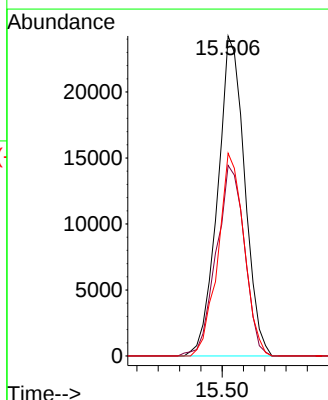
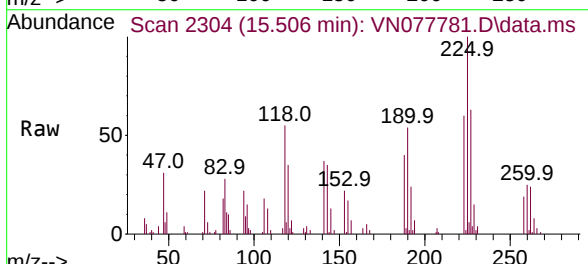
Manual Integrations
APPROVED

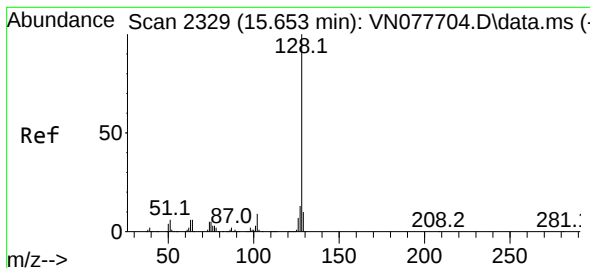
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#94
Hexachlorobutadiene
Concen: 19.924 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

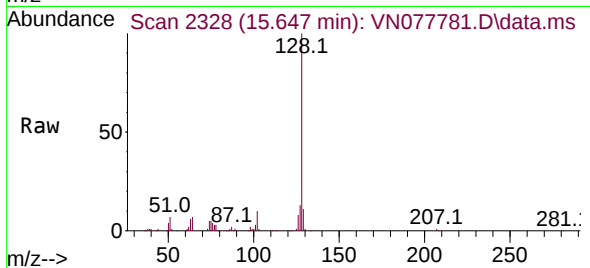
Tgt Ion:225 Resp: 42603
Ion Ratio Lower Upper
225 100
223 62.1 31.3 93.8
227 61.1 31.9 95.9





#95
Naphthalene
Concen: 12.599 ug/l
RT: 15.647 min Scan# 2329
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

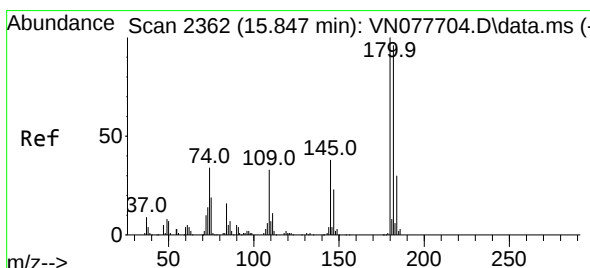
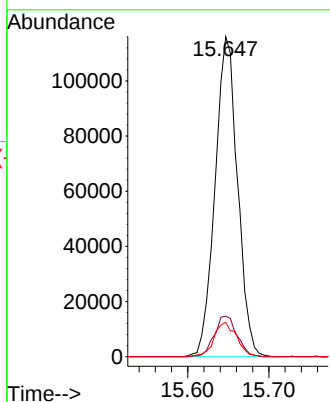
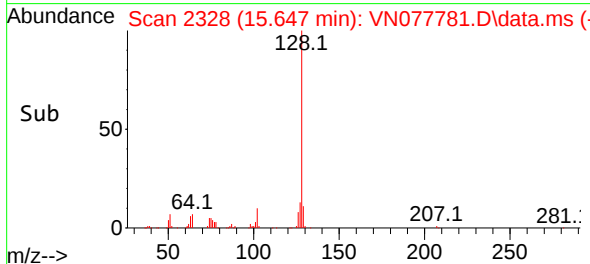
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion:128 Resp: 22333
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.995 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077781.D
Acq: 22 May 2023 11:43

Tgt Ion:180 Resp: 80654
Ion Ratio Lower Upper
180 100
182 96.7 46.2 138.6
145 34.5 17.5 52.6

