

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077802.D
 Acq On : 22 May 2023 20:17
 Operator : JC\MD
 Sample : 02880-14MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230519MSD

Quant Time: May 23 04:22:06 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	352881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	633623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	563672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	244697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	235383	44.580	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.160%		
35) Dibromofluoromethane	8.171	113	207867	50.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.620%		
50) Toluene-d8	10.576	98	766127	48.173	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.340%		
62) 4-Bromofluorobenzene	12.859	95	257521	45.848	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	195229	48.613	ug/l	99
3) Chloromethane	2.371	50	200113	46.885	ug/l	99
4) Vinyl Chloride	2.518	62	249564	49.288	ug/l	99
5) Bromomethane	2.953	94	181399	48.440	ug/l	99
6) Chloroethane	3.124	64	173381	47.514	ug/l	97
7) Trichlorofluoromethane	3.500	101	365189	51.753	ug/l	96
8) Diethyl Ether	3.971	74	132586	51.468	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.383	101	201013	51.475	ug/l	98
10) Methyl Iodide	4.600	142	278618	59.826	ug/l	95
11) Tert butyl alcohol	5.530	59	175975	241.495	ug/l	99
12) 1,1-Dichloroethene	4.347	96	191803	51.678	ug/l	92
13) Acrolein	4.189	56	145305	329.686	ug/l	96
14) Allyl chloride	5.030	41	247520	45.397	ug/l	93
15) Acrylonitrile	5.724	53	486477	249.887	ug/l	100
16) Acetone	4.436	43	387739	233.415	ug/l	93
17) Carbon Disulfide	4.724	76	427467	42.745	ug/l	99
18) Methyl Acetate	5.036	43	324419	46.553	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	690618	51.407	ug/l	99
20) Methylene Chloride	5.283	84	225861	52.330	ug/l #	85
21) trans-1,2-Dichloroethene	5.800	96	205905	49.388	ug/l	86
22) Diisopropyl ether	6.682	45	636000	49.765	ug/l	95
23) Vinyl Acetate	6.612	43	1753108	221.401	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	404432	51.654	ug/l	98
25) 2-Butanone	7.494	43	597646	229.992	ug/l	92
26) 2,2-Dichloropropane	7.500	77	291253	43.785	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	258656	51.742	ug/l	95
28) Bromochloromethane	7.818	49	184892	54.602	ug/l	92
29) Tetrahydrofuran	7.841	42	392623	230.749	ug/l	87
30) Chloroform	7.977	83	447458	51.952	ug/l	99
31) Cyclohexane	8.265	56	321528	44.804	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	393774	53.775	ug/l	97
36) 1,1-Dichloropropene	8.377	75	311940	51.617	ug/l	98
37) Ethyl Acetate	7.571	43	239314	44.428	ug/l	95
38) Carbon Tetrachloride	8.371	117	343490	56.286	ug/l	97
39) Methylcyclohexane	9.606	83	362571	49.005	ug/l	93
40) Benzene	8.612	78	948499	53.185	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	136843	47.703	ug/l	94
42) 1,2-Dichloroethane	8.676	62	331642	51.193	ug/l	99
43) Isopropyl Acetate	8.700	43	428592	48.713	ug/l	97
44) Trichloroethene	9.359	130	252713	55.964	ug/l	98
45) 1,2-Dichloropropane	9.629	63	243315	53.489	ug/l #	89
46) Dibromomethane	9.712	93	168713	51.831	ug/l	93
47) Bromodichloromethane	9.894	83	348678	55.951	ug/l	97
48) Methyl methacrylate	9.688	41	208978	50.097	ug/l	90
49) 1,4-Dioxane	9.700	88	82424	1046.156	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	1337990	255.838	ug/l	93
52) Toluene	10.635	92	598555	53.912	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	344969	52.274	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	373932	51.418	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	241310	54.739	ug/l	96
56) Ethyl methacrylate	10.882	69	350661	52.609	ug/l	91
57) 1,3-Dichloropropane	11.170	76	408560	54.062	ug/l	100
59) 2-Hexanone	11.200	43	945847	244.513	ug/l	93
60) Dibromochloromethane	11.370	129	267773	58.839	ug/l	99
61) 1,2-Dibromoethane	11.476	107	242041	55.036	ug/l	99
64) Tetrachloroethene	11.112	164	239852	60.847	ug/l	97
65) Chlorobenzene	11.900	112	654522	53.563	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.970	131	251968	59.592	ug/l	97
67) Ethyl Benzene	11.970	91	1171117	53.480	ug/l	99
68) m/p-Xylenes	12.076	106	906120	109.204	ug/l	100
69) o-Xylene	12.406	106	449714	55.111	ug/l	99
70) Styrene	12.417	104	707780	54.600	ug/l	98
71) Bromoform	12.582	173	170148	60.492	ug/l #	100
73) Isopropylbenzene	12.700	105	1164972	55.230	ug/l	99
74) N-amyl acetate	12.500	43	334418	42.893	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	333715	51.428	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	246852m	40.282	ug/l	
77) Bromobenzene	12.988	156	260976	54.217	ug/l	95
78) n-propylbenzene	13.041	91	1312327	52.773	ug/l	99
79) 2-Chlorotoluene	13.135	91	784059	52.839	ug/l	95
80) 1,3,5-Trimethylbenzene	13.182	105	975772	55.042	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	88045	45.926	ug/l	90
82) 4-Chlorotoluene	13.229	91	750073	50.804	ug/l	98
83) tert-Butylbenzene	13.447	119	860112	55.576	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	973968	55.863	ug/l	98
85) sec-Butylbenzene	13.623	105	1189577	54.085	ug/l	99
86) p-Isopropyltoluene	13.735	119	982683	56.042	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	465145	52.252	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	458138	51.863	ug/l	100
89) n-Butylbenzene	14.064	91	796442	49.382	ug/l	99
90) Hexachloroethane	14.341	117	171022	59.371	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	463361	55.718	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	60091	47.832	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	206525	42.497	ug/l	97
94) Hexachlorobutadiene	15.505	225	102344	50.721	ug/l	99
95) Naphthalene	15.647	128	659858	39.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	214685	45.119	ug/l	97

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

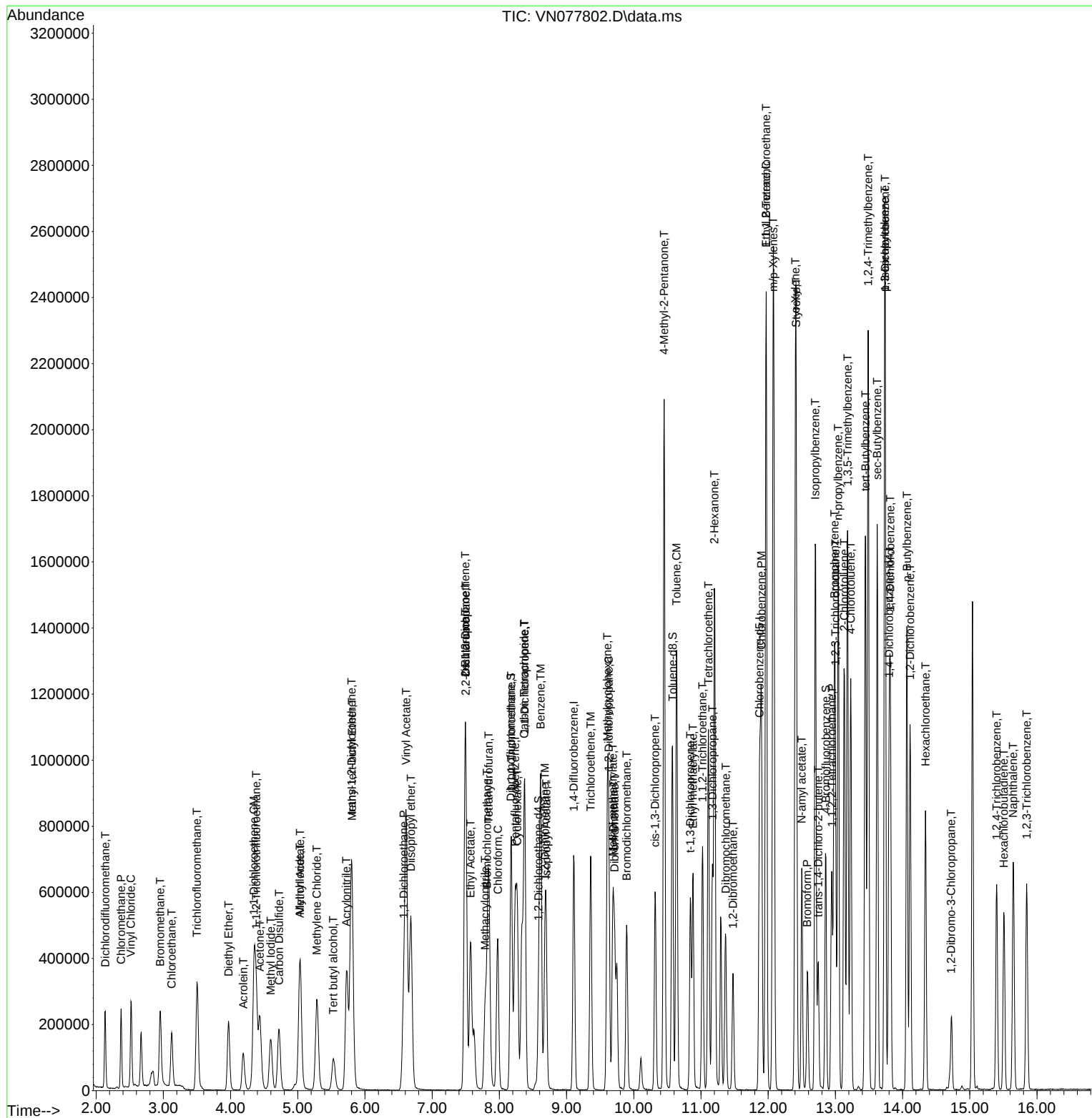
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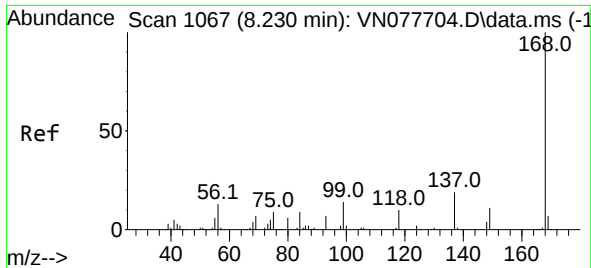
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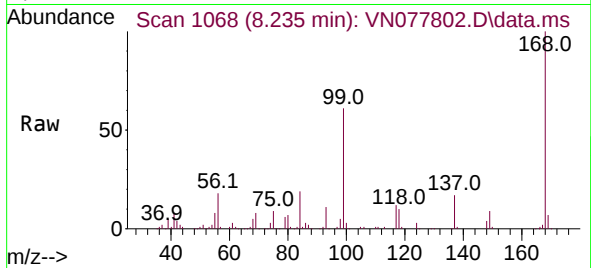
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077802.D
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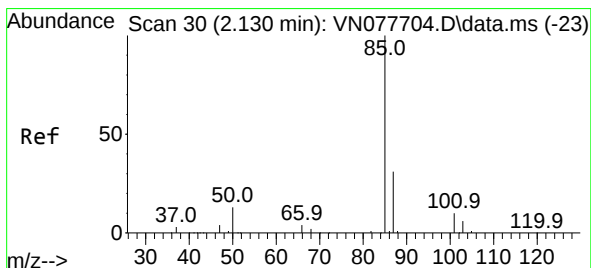
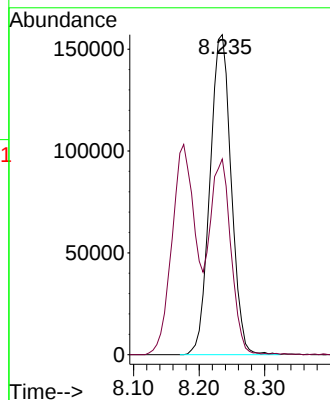
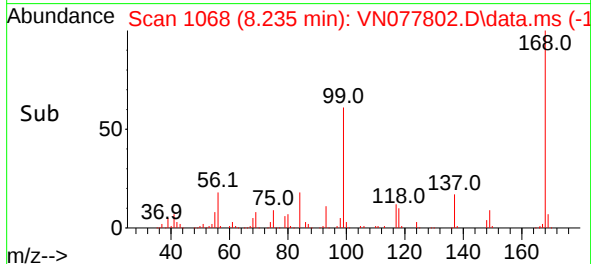
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion:168 Resp: 35288
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6

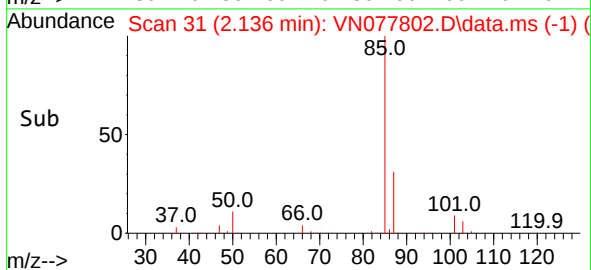
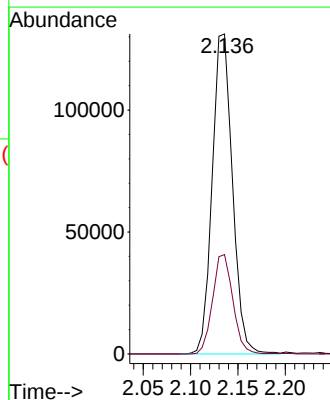
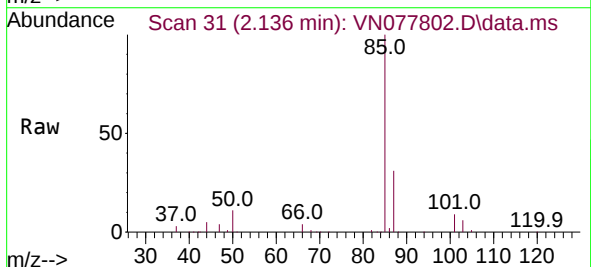
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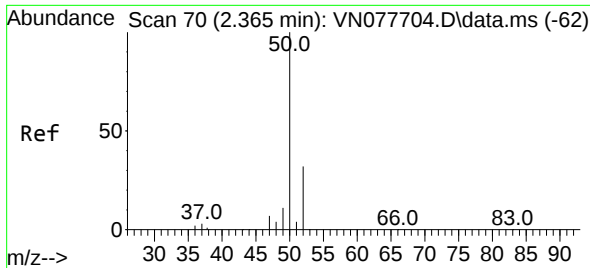
Reviewed By :John Carlone 05/23/2023
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#2
Dichlorodifluoromethane
Concen: 48.613 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

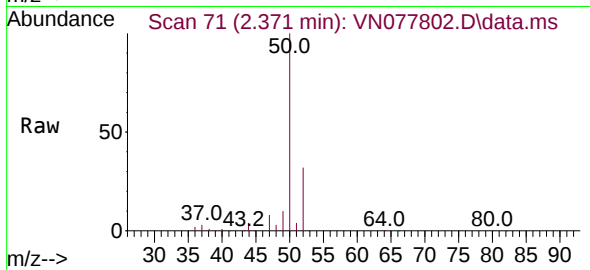
Tgt Ion: 85 Resp: 195229
Ion Ratio Lower Upper
85 100
87 31.0 15.8 47.4





#3
Chloromethane
Concen: 46.885 ug/l
RT: 2.371 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

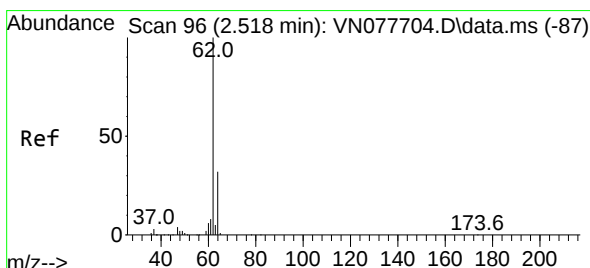
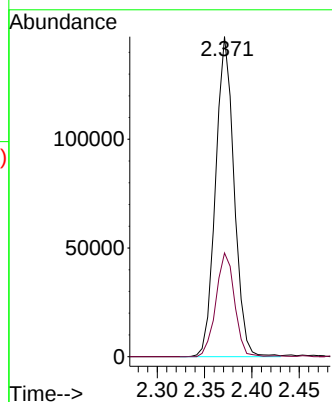
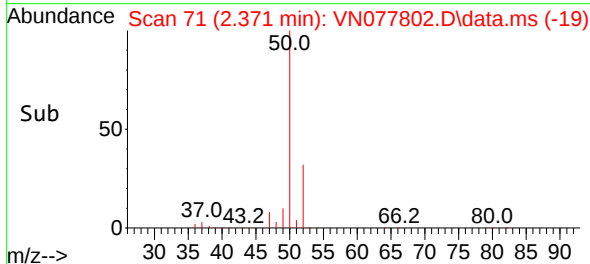
Instrument :
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Tgt Ion: 50 Resp: 20011
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

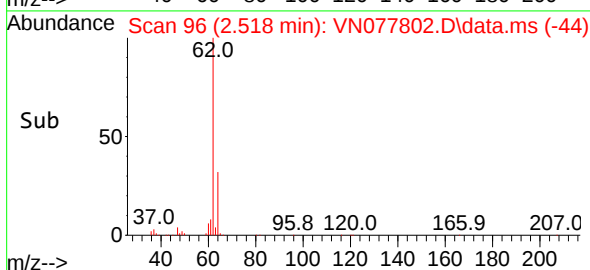
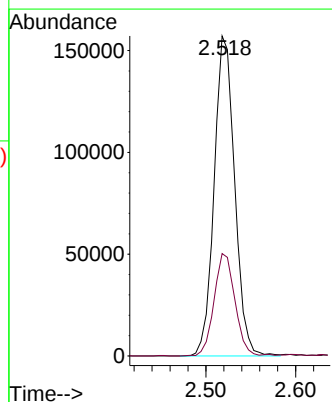
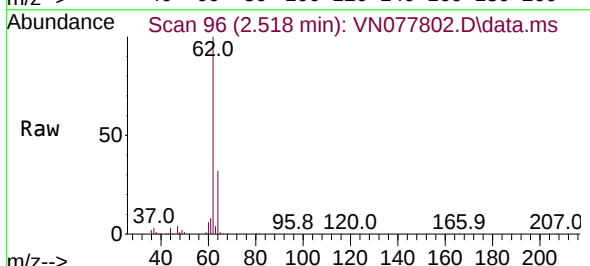
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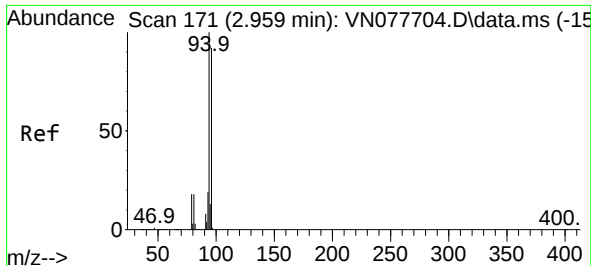
Reviewed By :John Carlone 05/23/2023
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#4
Vinyl Chloride
Concen: 49.288 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

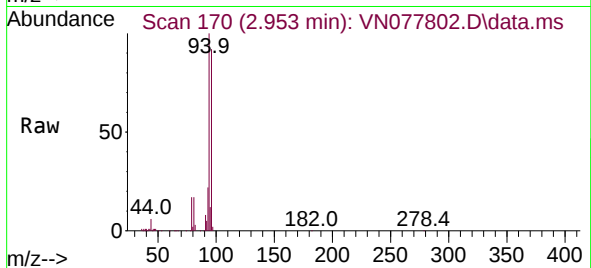
Tgt Ion: 62 Resp: 249564
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2





#5
Bromomethane
Concen: 48.440 ug/l
RT: 2.953 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

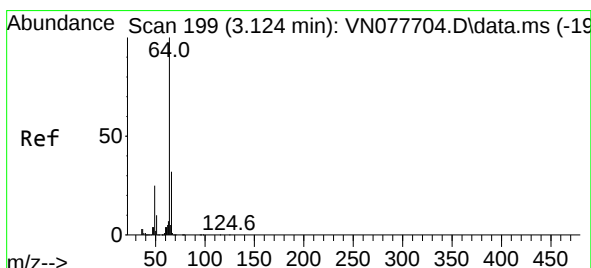
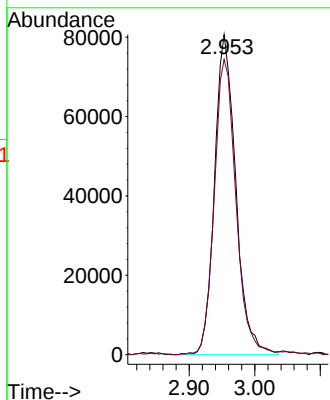
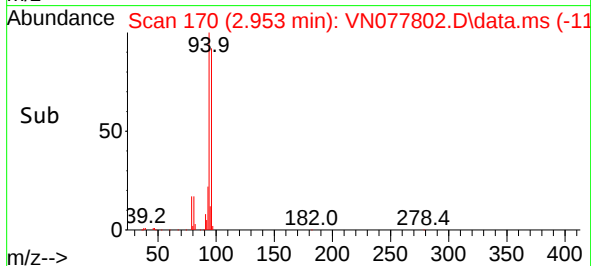
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Tgt Ion: 94 Resp: 181399
Ion Ratio Lower Upper
94 100
96 92.3 73.1 109.7

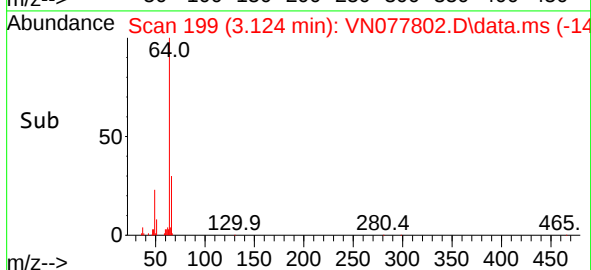
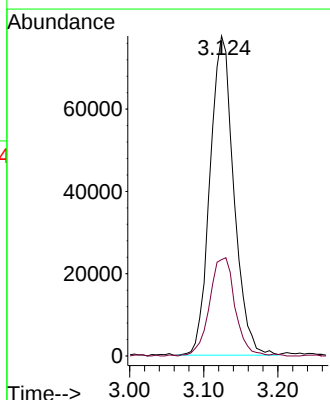
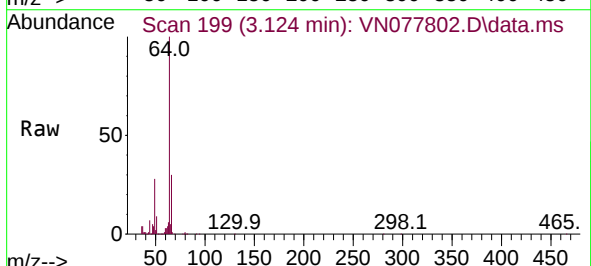
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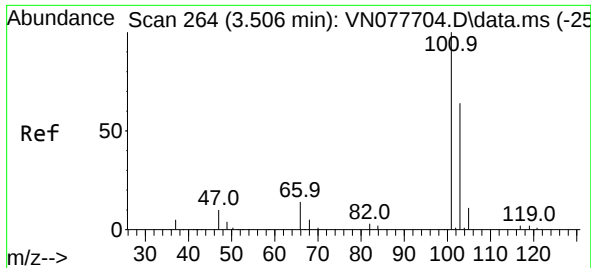
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#6
Chloroethane
Concen: 47.514 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Tgt Ion: 64 Resp: 173381
Ion Ratio Lower Upper
64 100
66 30.2 25.4 38.2





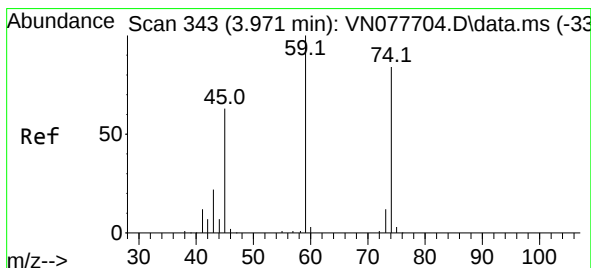
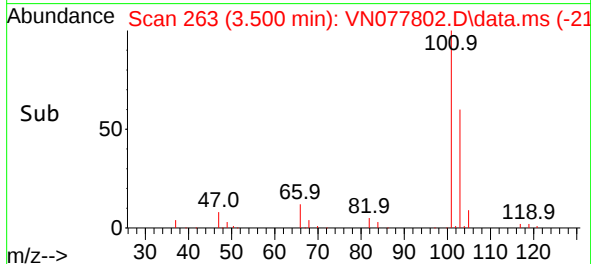
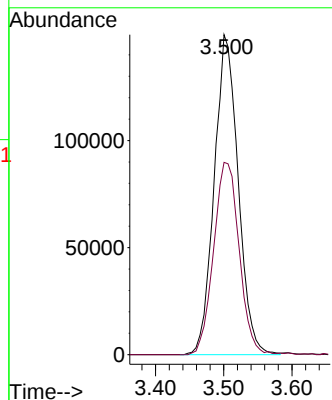
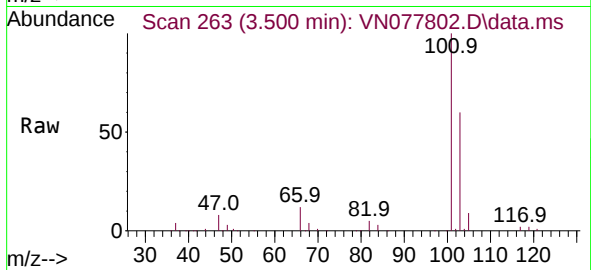
#7
Trichlorofluoromethane
Concen: 51.753 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN077802.D
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Tgt Ion:101 Resp: 365189
Ion Ratio Lower Upper
101 100
103 60.1 50.7 76.1

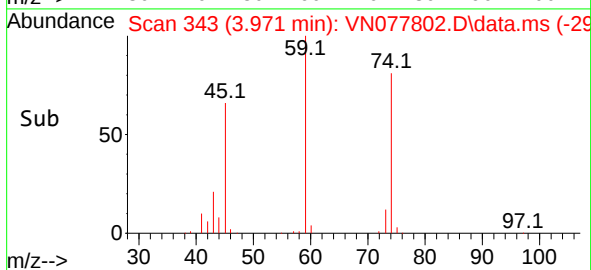
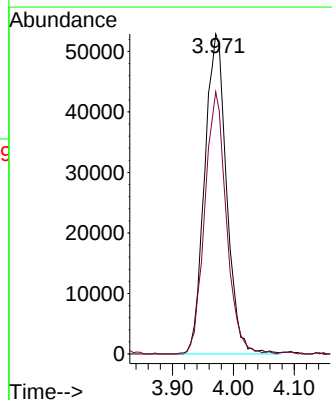
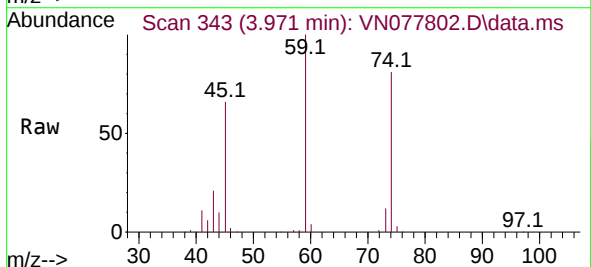
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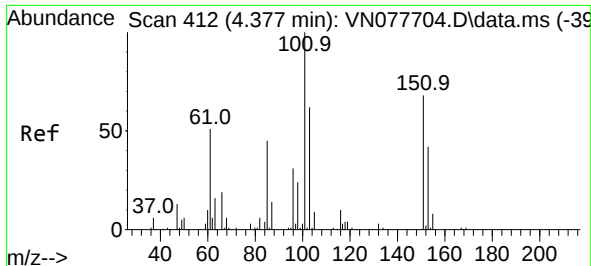
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#8
Diethyl Ether
Concen: 51.468 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Tgt Ion: 74 Resp: 132586
Ion Ratio Lower Upper
74 100
45 80.4 34.4 103.3





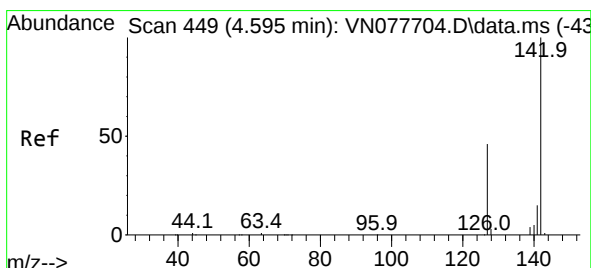
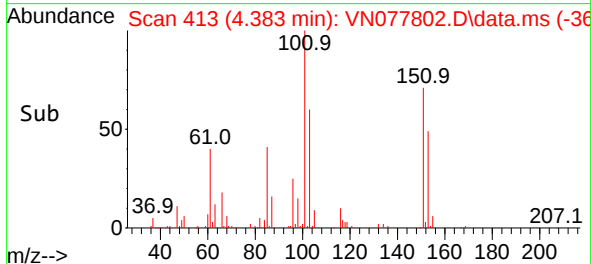
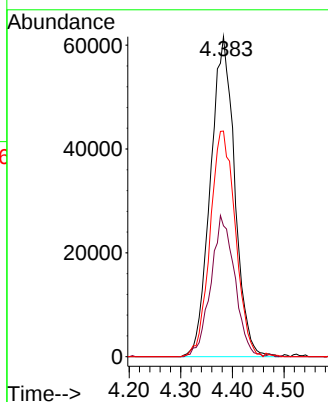
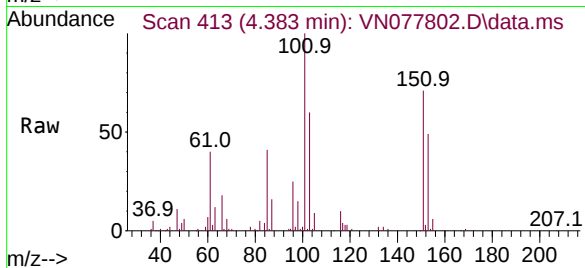
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.475 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD

Tgt Ion:101 Resp: 20101
Ion Ratio Lower Upper
101 100
85 43.4 36.6 55.0
151 73.3 57.6 86.4

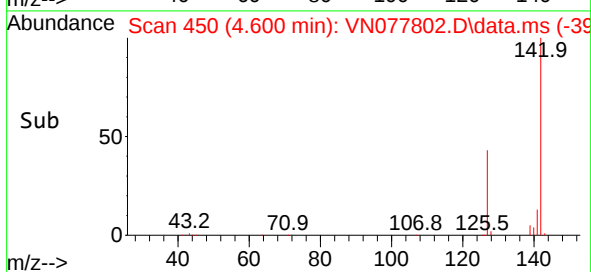
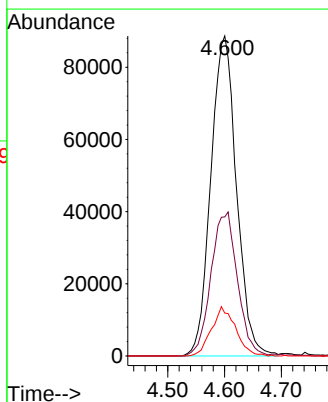
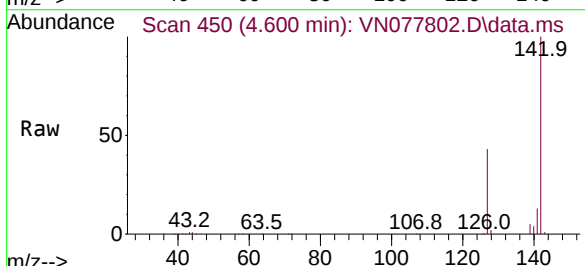
Manual Integrations
APPROVED

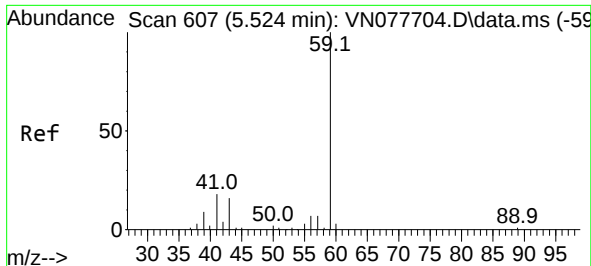
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#10
Methyl Iodide
Concen: 59.826 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

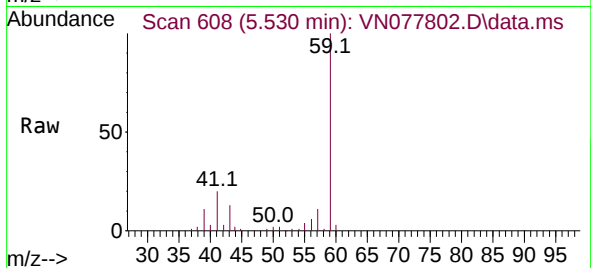
Tgt Ion:142 Resp: 278618
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 13.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 241.495 ug/l
RT: 5.530 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

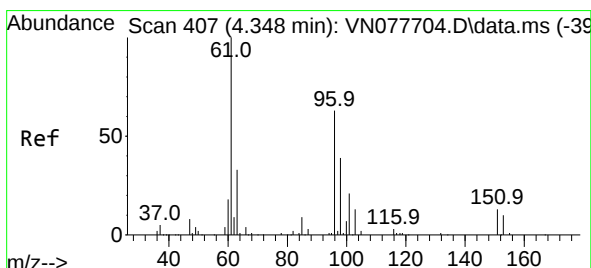
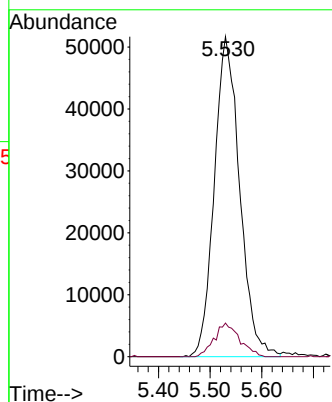
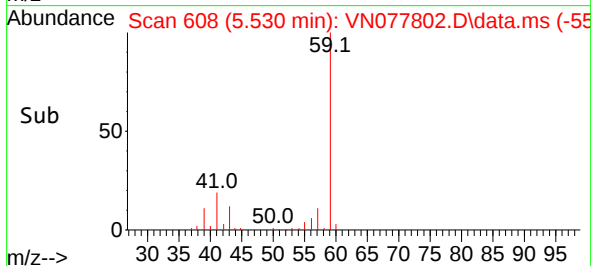
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion: 59 Resp: 175979
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

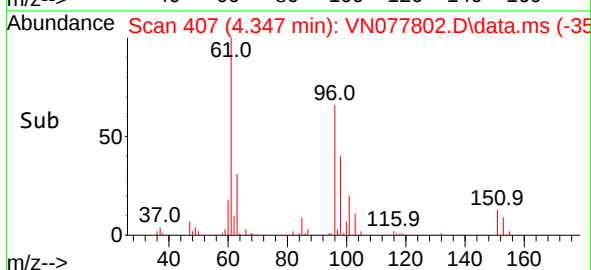
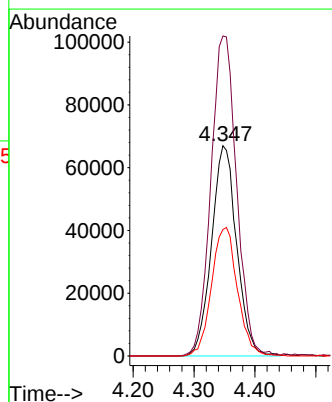
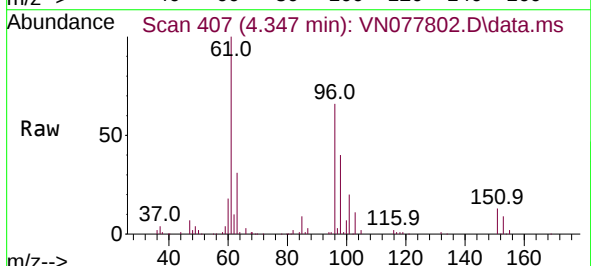
Manual Integrations
APPROVED

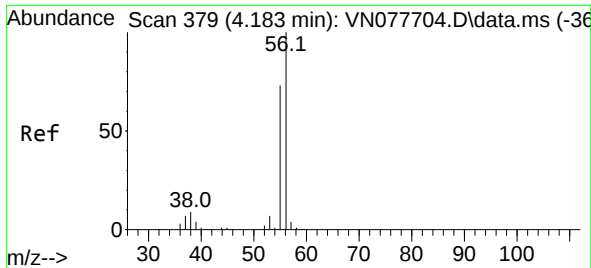
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#12
1,1-Dichloroethene
Concen: 51.678 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Tgt Ion: 96 Resp: 191803
Ion Ratio Lower Upper
96 100
61 152.2 112.7 169.1
98 60.1 51.2 76.8





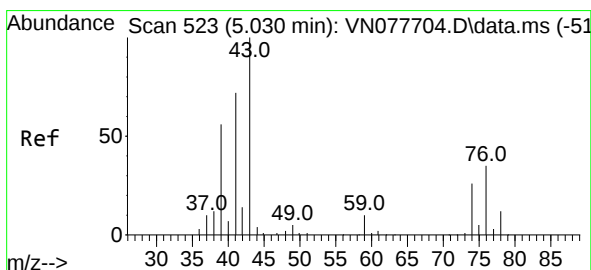
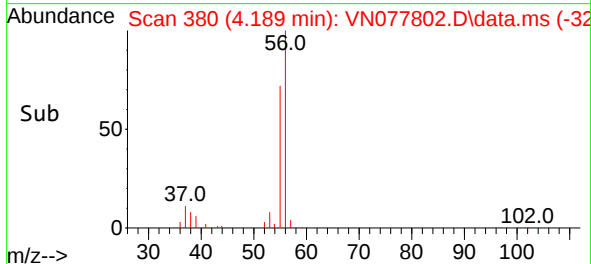
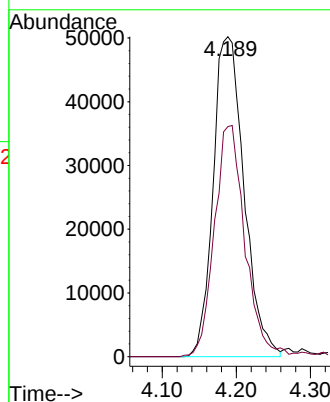
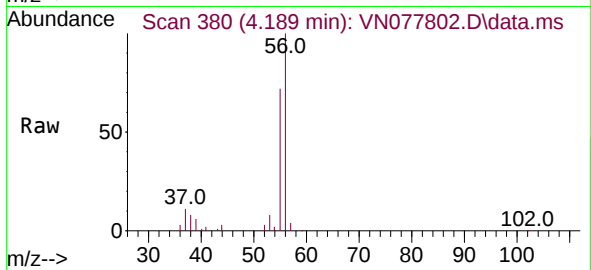
#13
Acrolein
Concen: 329.686 ug/l
RT: 4.189 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD

Tgt Ion: 56 Resp: 145309
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7

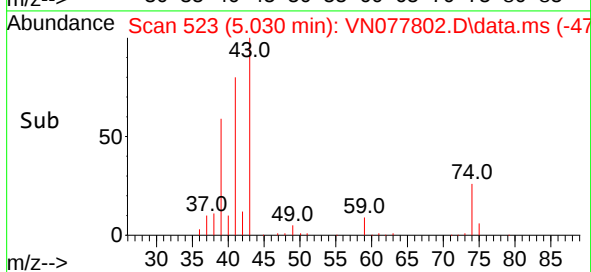
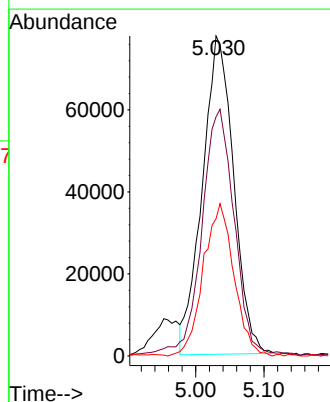
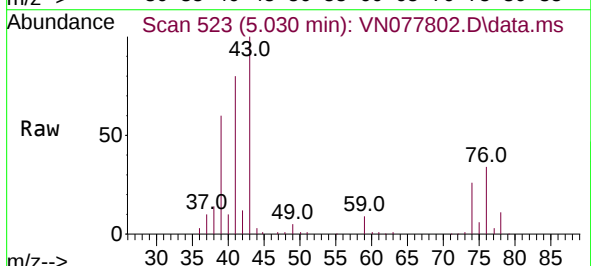
Manual Integrations
APPROVED

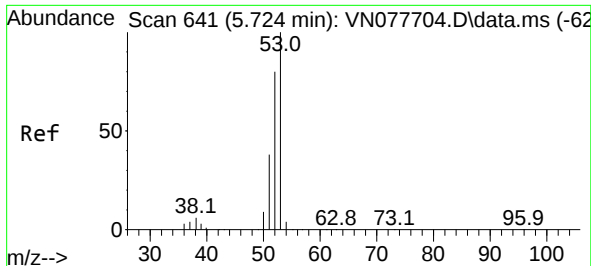
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#14
Allyl chloride
Concen: 45.397 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

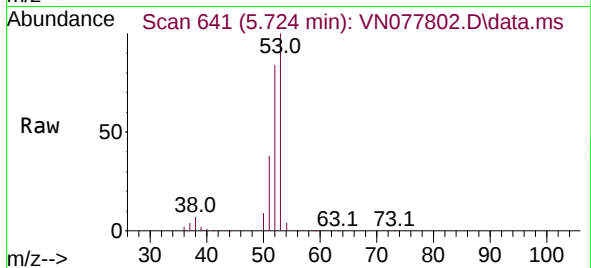
Tgt Ion: 41 Resp: 247520
Ion Ratio Lower Upper
41 100
39 81.5 58.8 88.2
76 46.8 39.1 58.7





#15
Acrylonitrile
Concen: 249.887 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

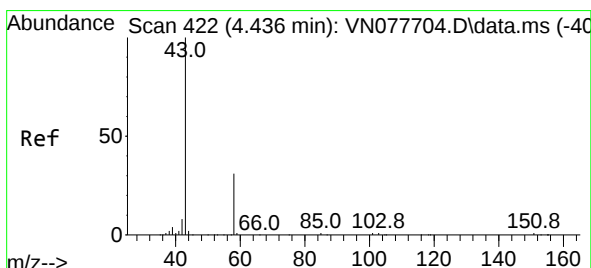
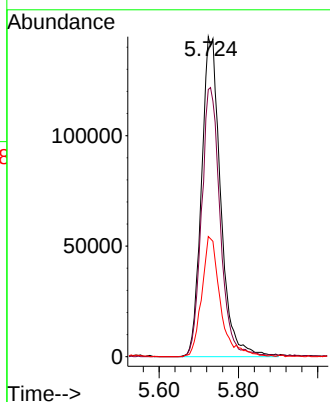
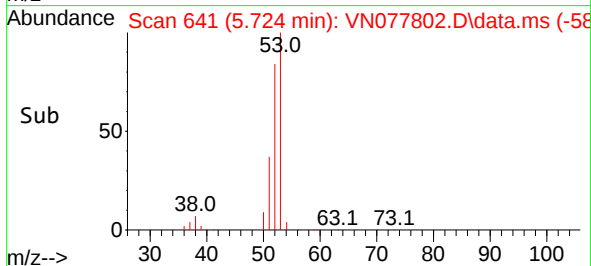
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion: 53 Resp: 486477
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 36.6 28.9 43.3

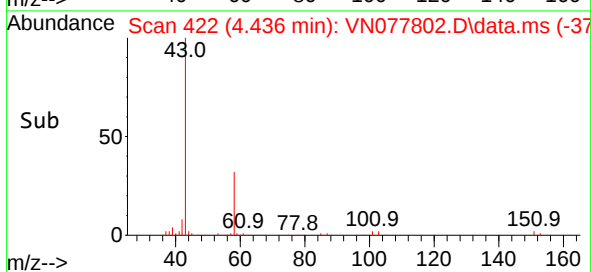
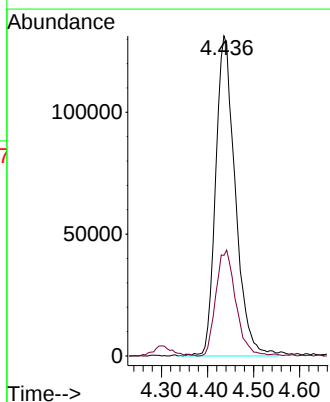
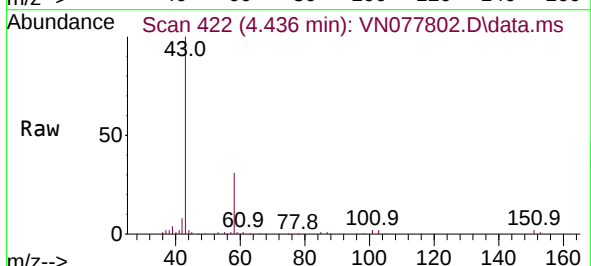
Manual Integrations
APPROVED

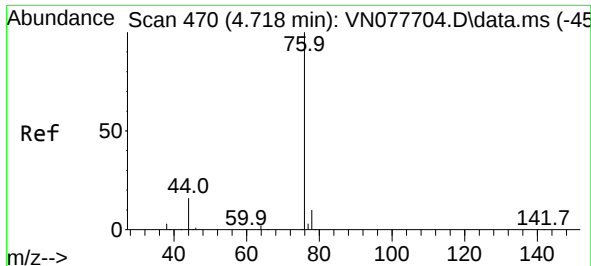
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#16
Acetone
Concen: 233.415 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

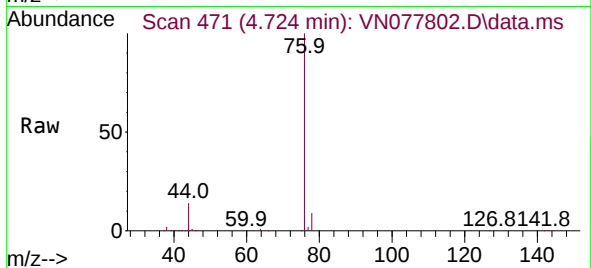
Tgt Ion: 43 Resp: 387739
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0





#17
Carbon Disulfide
Concen: 42.745 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

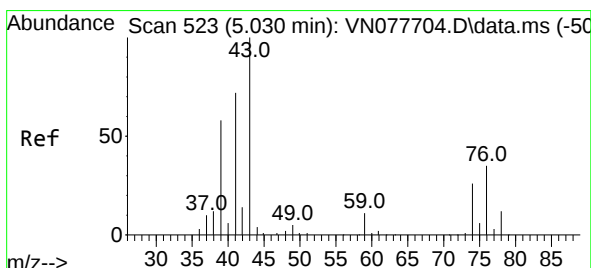
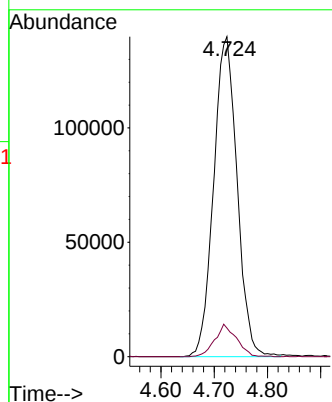
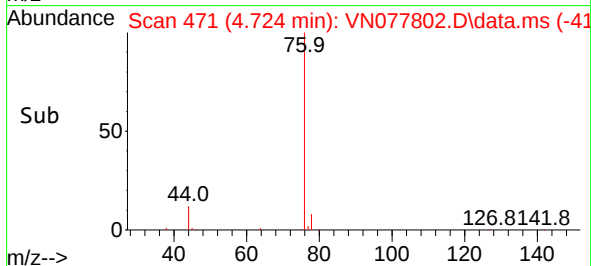
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion: 76 Resp: 42746
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

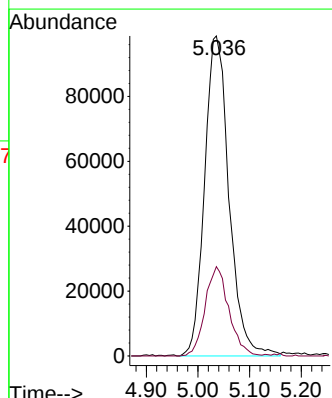
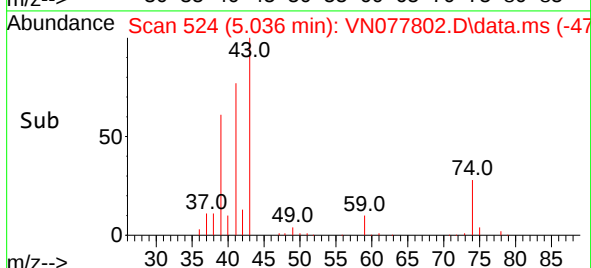
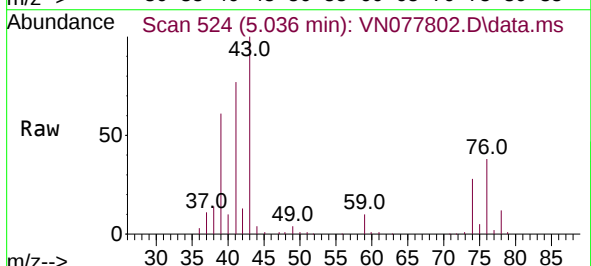
Manual Integrations
APPROVED

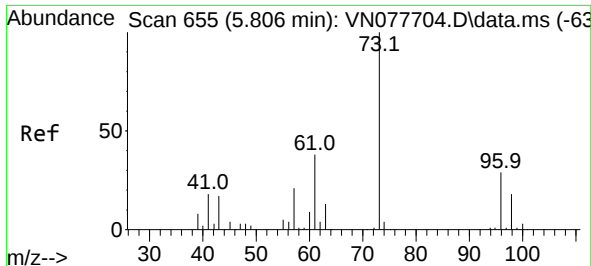
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#18
Methyl Acetate
Concen: 46.553 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

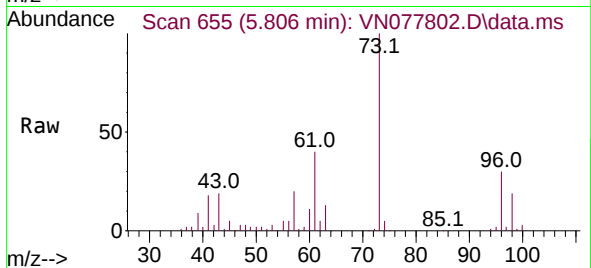
Tgt Ion: 43 Resp: 324419
Ion Ratio Lower Upper
43 100
74 27.0 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 51.407 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

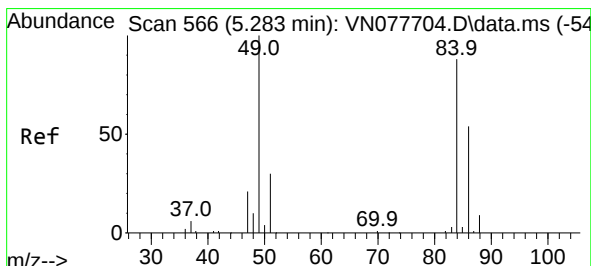
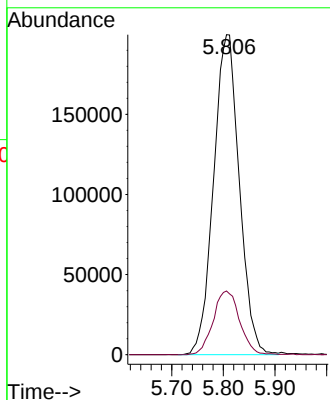
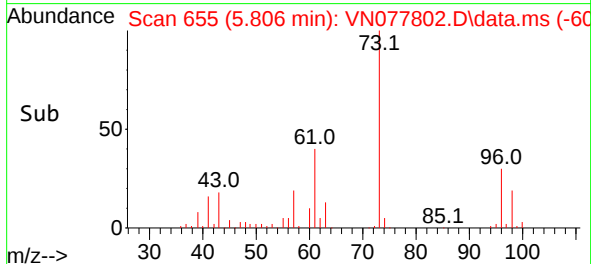
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion: 73 Resp: 690618
Ion Ratio Lower Upper
73 100
57 19.9 15.6 23.4

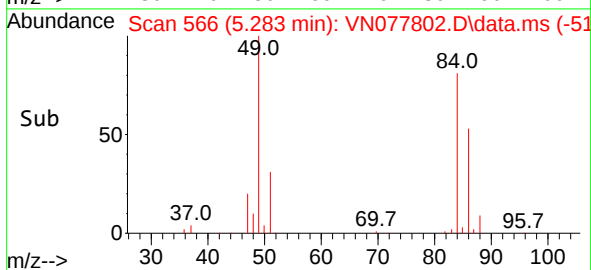
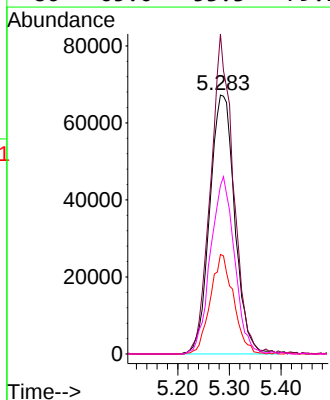
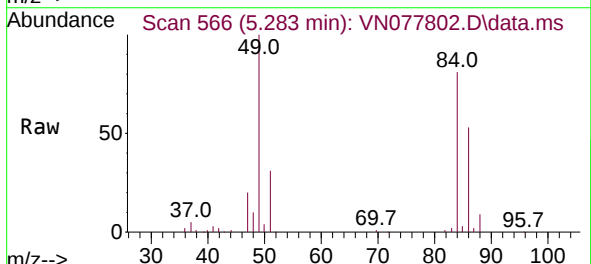
Manual Integrations
APPROVED

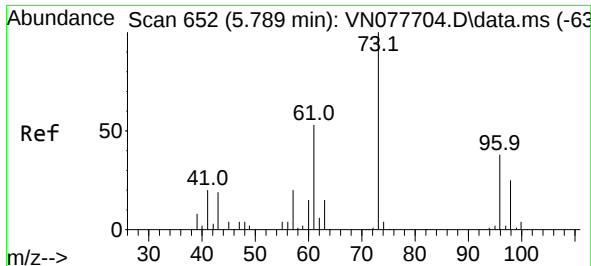
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#20
Methylene Chloride
Concen: 52.330 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

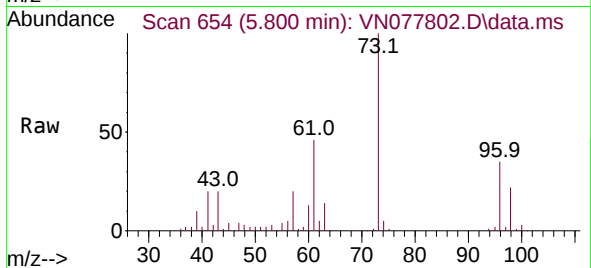
Tgt Ion: 84 Resp: 225861
Ion Ratio Lower Upper
84 100
49 123.6 79.7 119.5#
51 38.4 25.2 37.8#
86 65.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 49.388 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

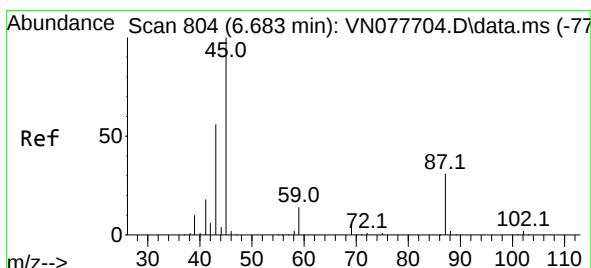
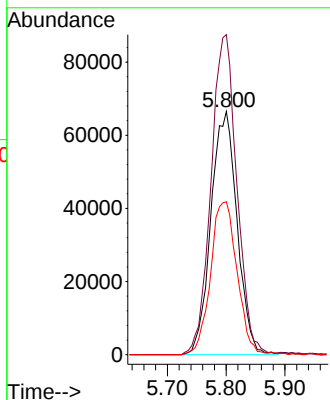
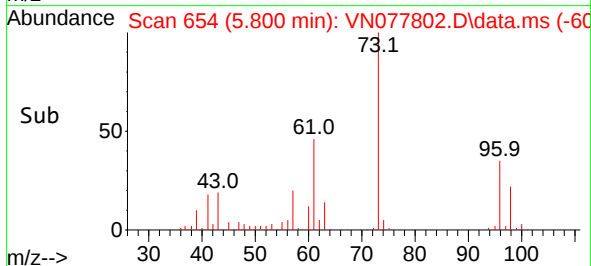
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion: 96 Resp: 20590
Ion Ratio Lower Upper
96 100
61 131.5 90.1 135.1
98 62.9 46.4 69.6

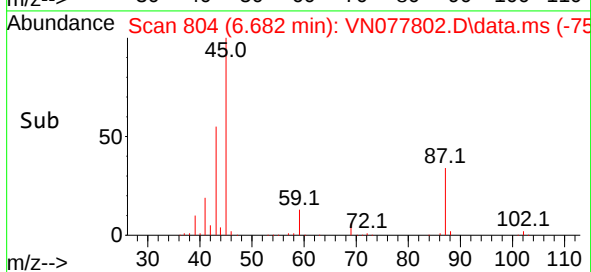
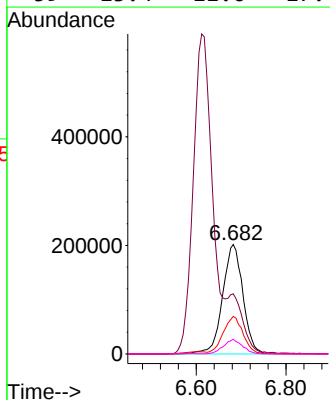
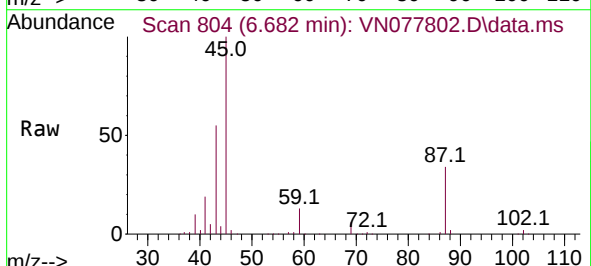
Manual Integrations
APPROVED

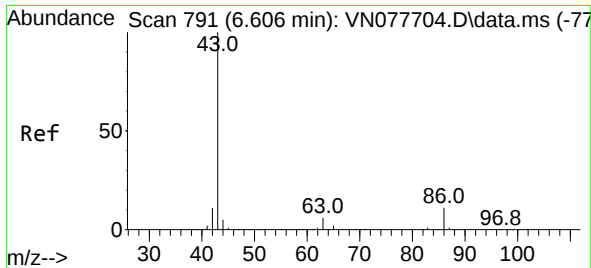
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#22
Diisopropyl ether
Concen: 49.765 ug/l
RT: 6.682 min Scan# 804
Delta R.T. 0.005 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Tgt Ion: 45 Resp: 636000
Ion Ratio Lower Upper
45 100
43 54.3 45.5 68.3
87 34.2 31.8 47.8
59 13.4 11.6 17.4





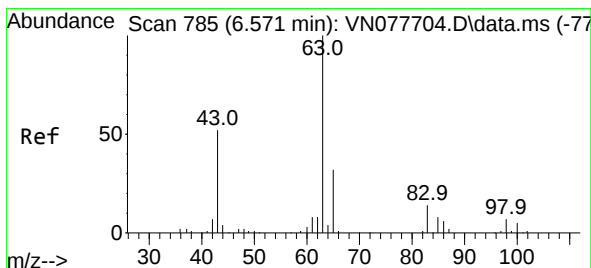
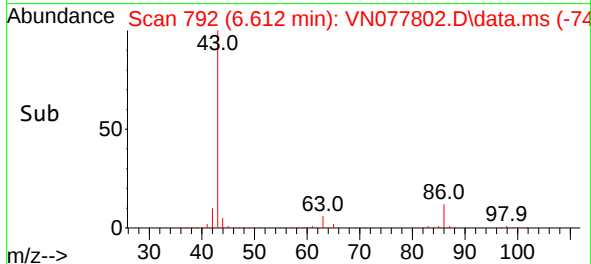
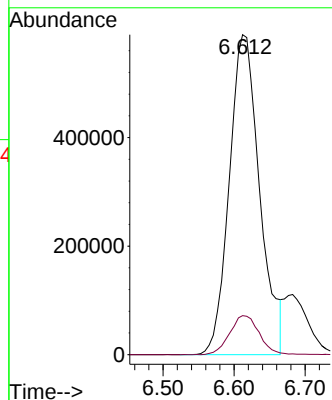
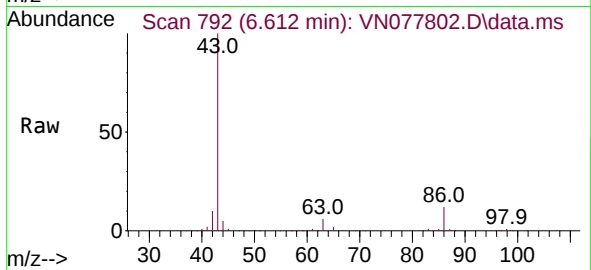
#23
 Vinyl Acetate
 Concen: 221.401 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077802.D
 Acq: 22 May 2023 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230519MSD

Tgt Ion: 43 Resp: 1753108
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

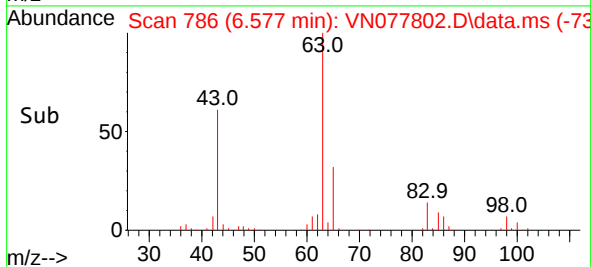
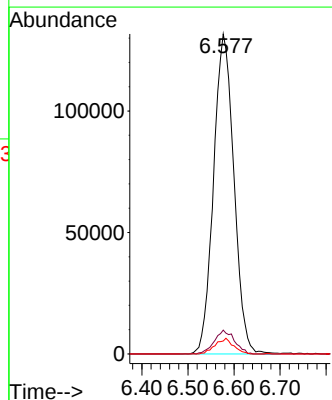
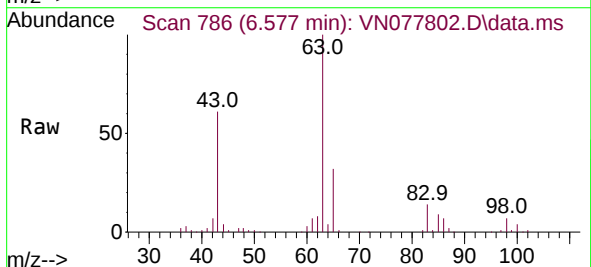
Manual Integrations
 APPROVED

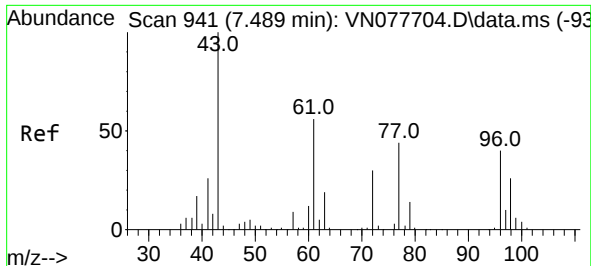
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#24
 1,1-Dichloroethane
 Concen: 51.654 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077802.D
 Acq: 22 May 2023 20:17

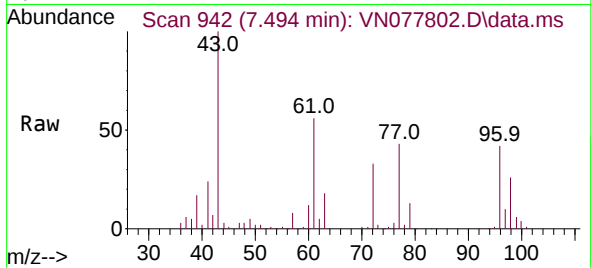
Tgt Ion: 63 Resp: 404432
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 229.992 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

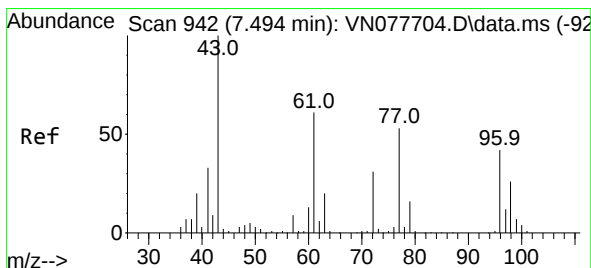
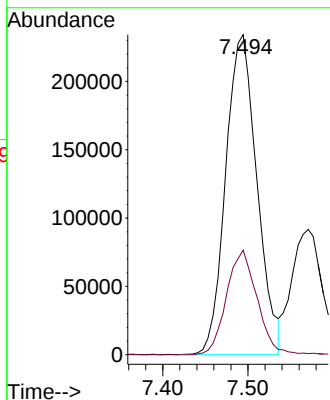
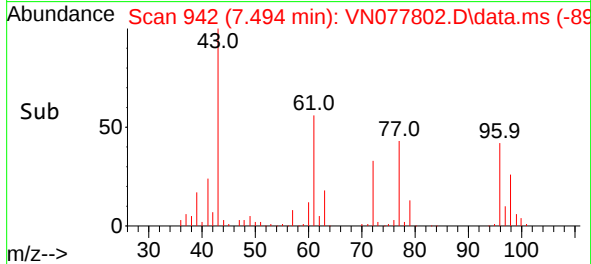
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion: 43 Resp: 597640
Ion Ratio Lower Upper
43 100
72 32.6 30.2 45.2

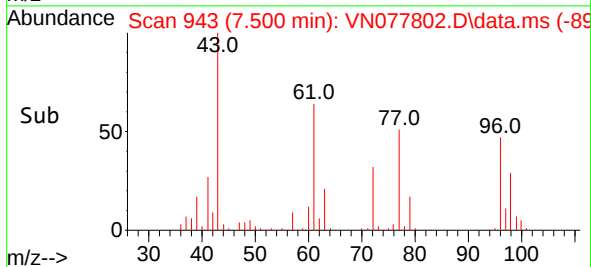
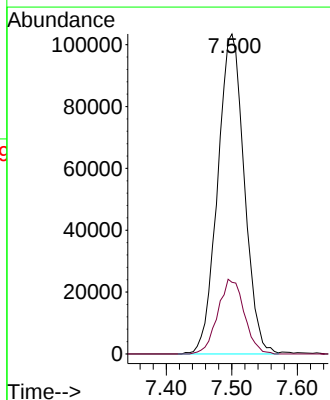
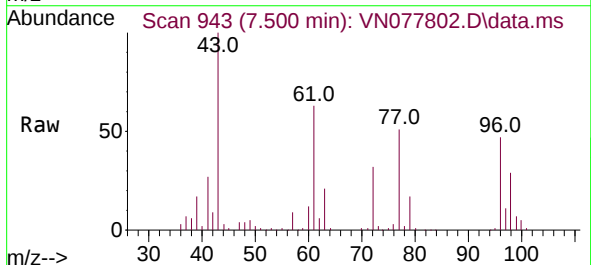
Manual Integrations
APPROVED

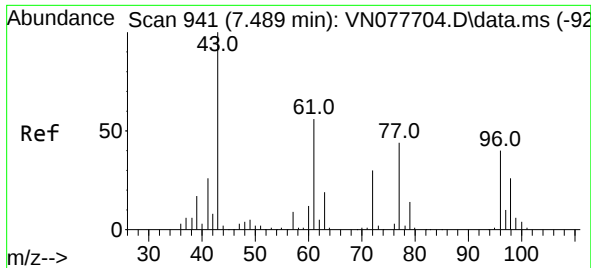
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#26
2,2-Dichloropropane
Concen: 43.785 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

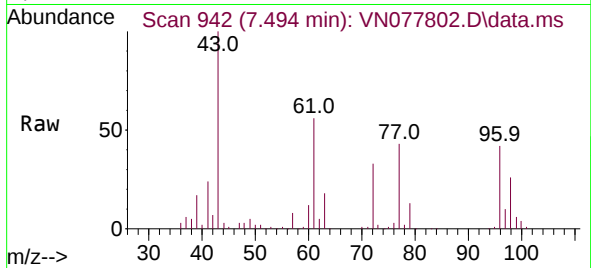
Tgt Ion: 77 Resp: 291253
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.742 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077802.D
 Acq: 22 May 2023 20:17

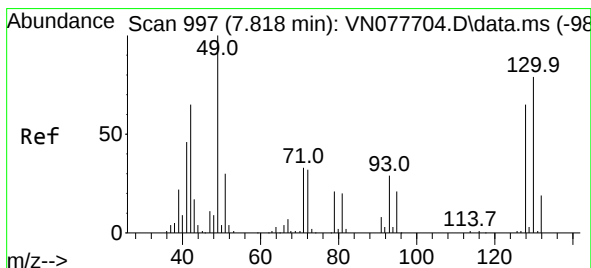
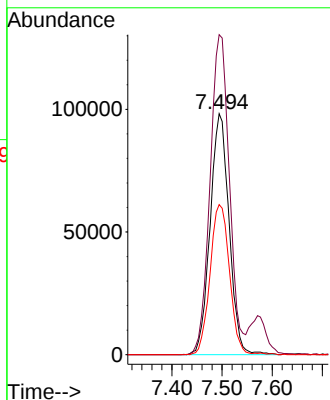
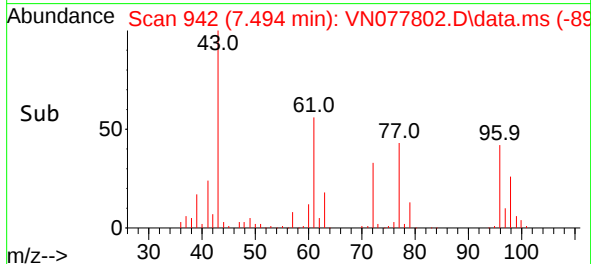
Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230519MSD



Tgt Ion: 96 Resp: 258650
 Ion Ratio Lower Upper
 96 100
 61 135.5 0.0 255.2
 98 63.5 0.0 128.8

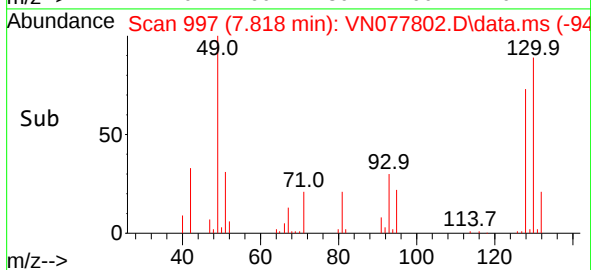
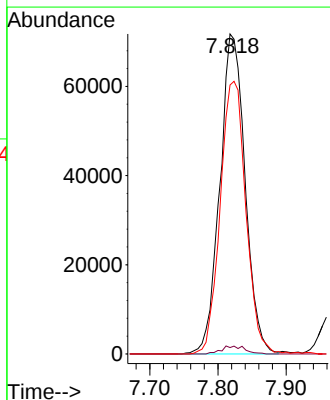
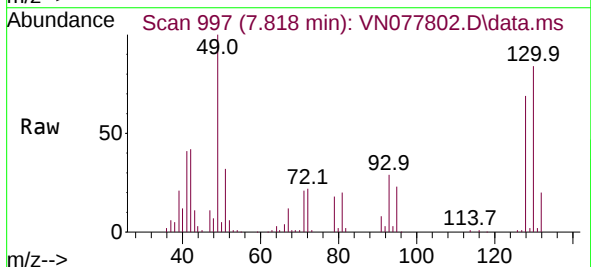
Manual Integrations
 APPROVED

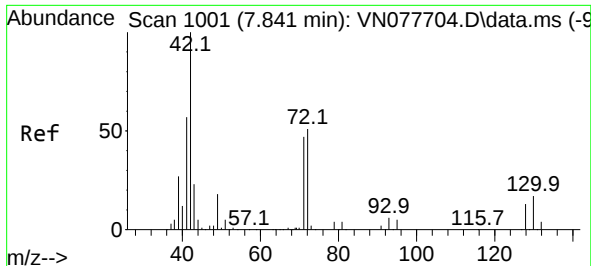
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#28
 Bromochloromethane
 Concen: 54.602 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077802.D
 Acq: 22 May 2023 20:17

Tgt Ion: 49 Resp: 184892
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 86.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 230.749 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077802.D

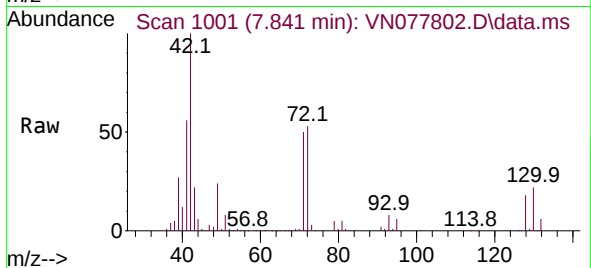
Acq: 22 May 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MSD



Tgt Ion: 42 Resp: 39262

Ion Ratio Lower Upper

42 100

72 52.0 49.8 74.6

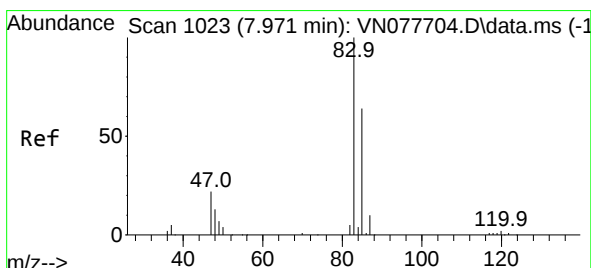
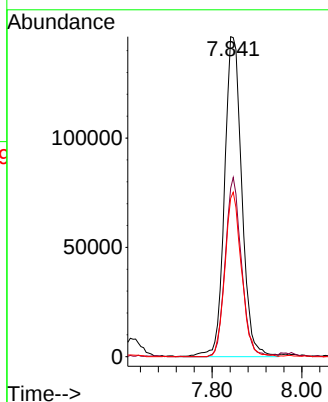
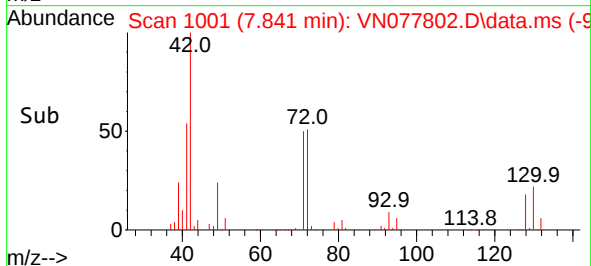
71 49.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#30

Chloroform

Concen: 51.952 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077802.D

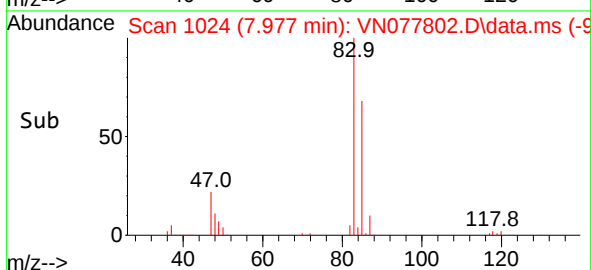
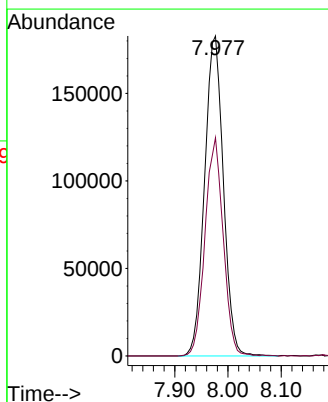
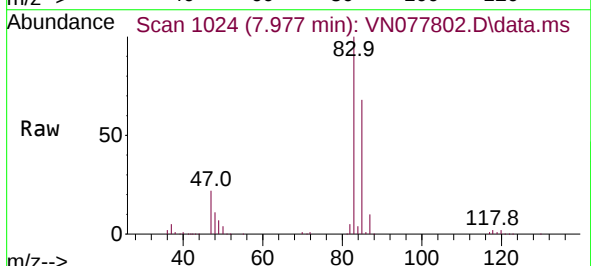
Acq: 22 May 2023 20:17

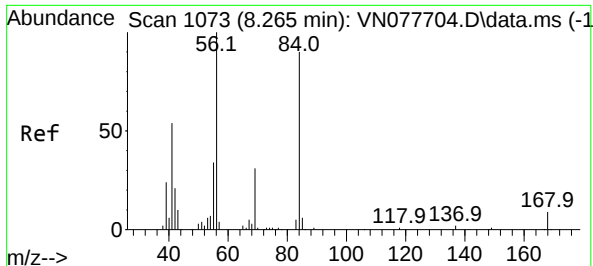
Tgt Ion: 83 Resp: 447458

Ion Ratio Lower Upper

83 100

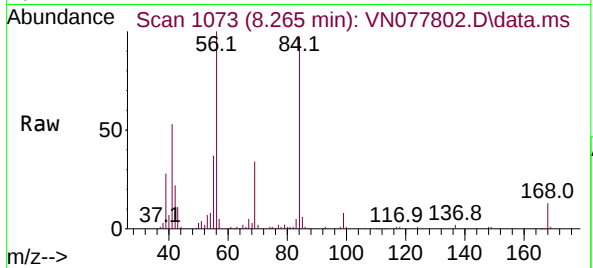
85 68.2 55.4 83.0





#31
Cyclohexane
Concen: 44.804 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

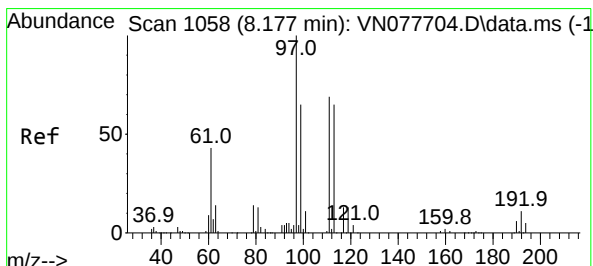
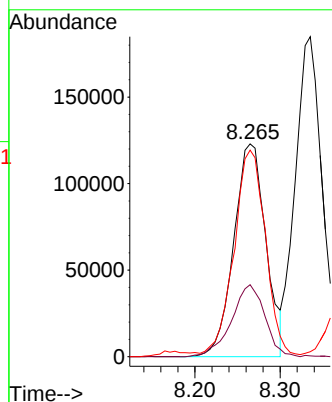
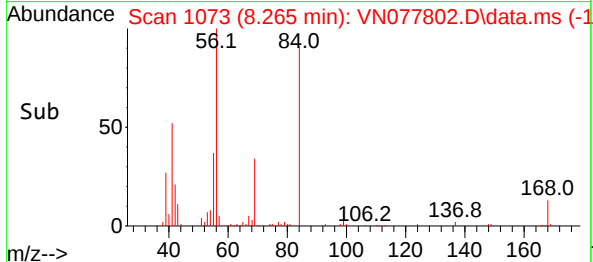
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



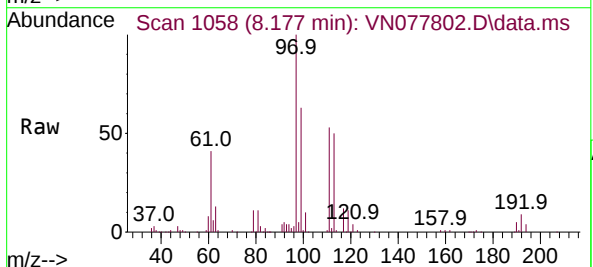
Tgt Ion: 56 Resp: 321528
Ion Ratio Lower Upper
56 100
69 33.8 26.8 40.2
84 95.2 81.8 122.6

Manual Integrations
APPROVED

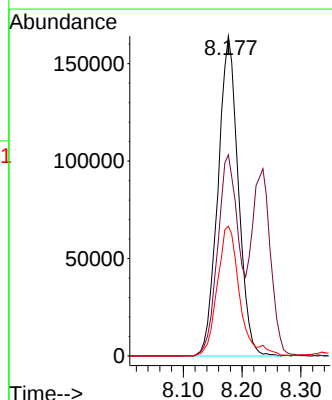
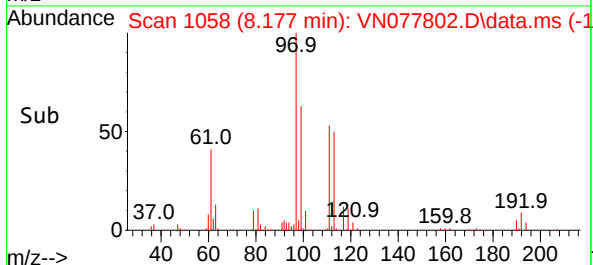
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

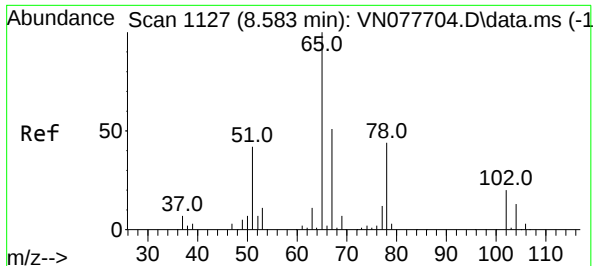


#32
1,1,1-Trichloroethane
Concen: 53.775 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17



Tgt Ion: 97 Resp: 393774
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 44.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 44.580 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077802.D

Acq: 22 May 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MSD

Tgt Ion: 65 Resp: 23538

Ion Ratio Lower Upper

65 100

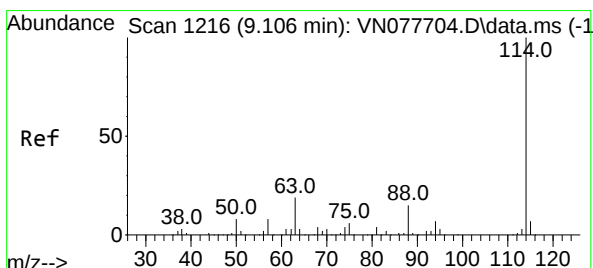
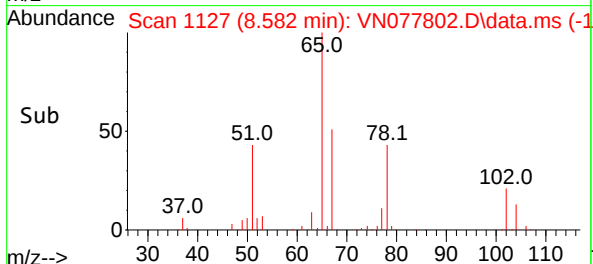
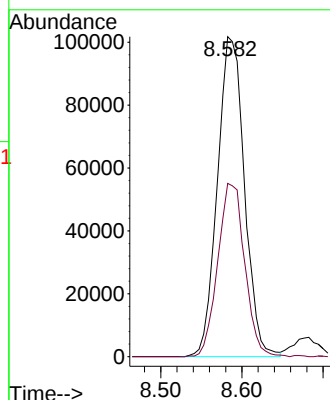
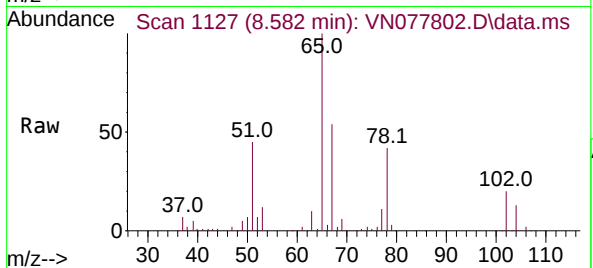
67 54.0 0.0 106.6

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: VN077802.D

Acq: 22 May 2023 20:17

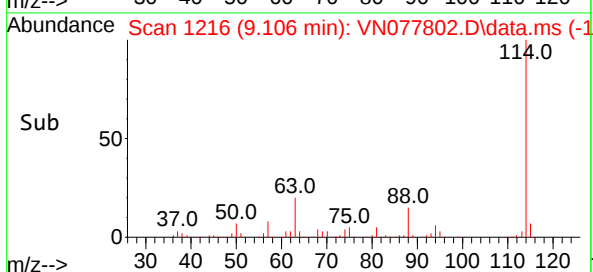
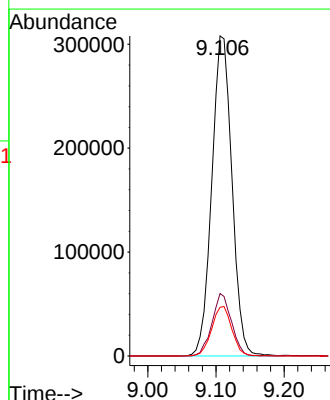
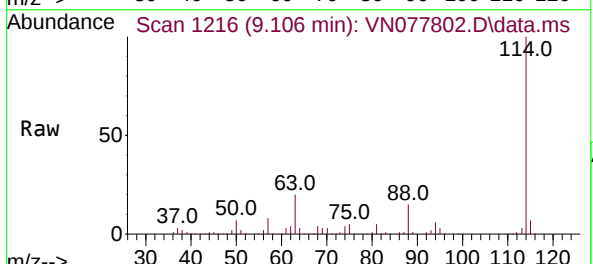
Tgt Ion:114 Resp: 633623

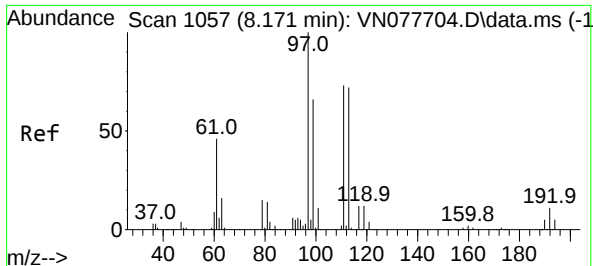
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.309 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077802.D

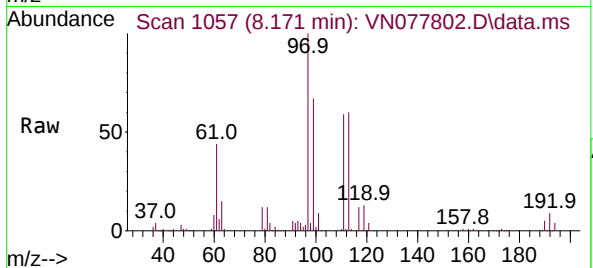
Acq: 22 May 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MSD



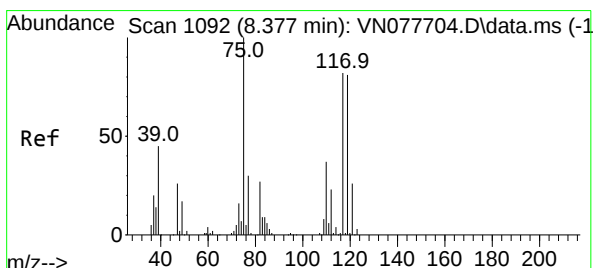
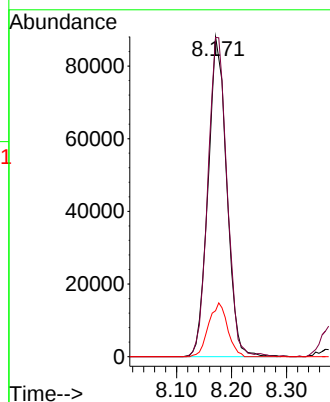
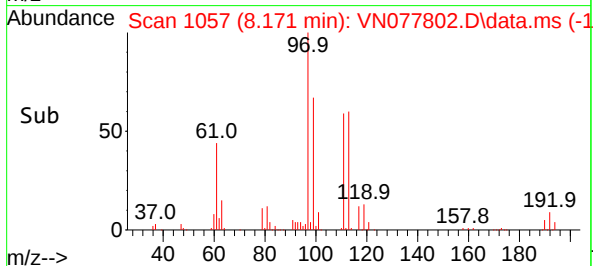
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	17.1	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#36

1,1-Dichloropropene

Concen: 51.617 ug/l

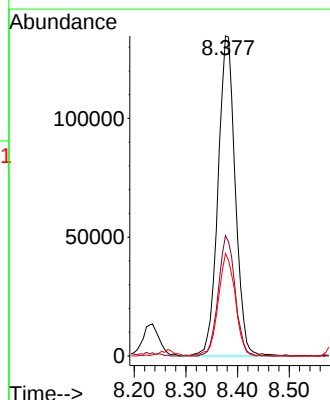
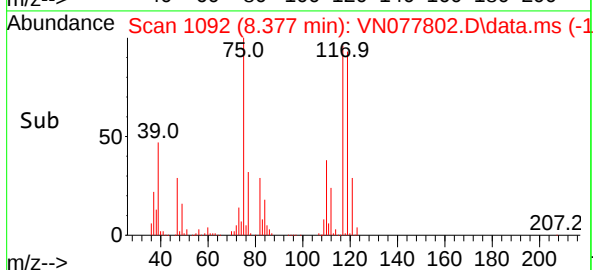
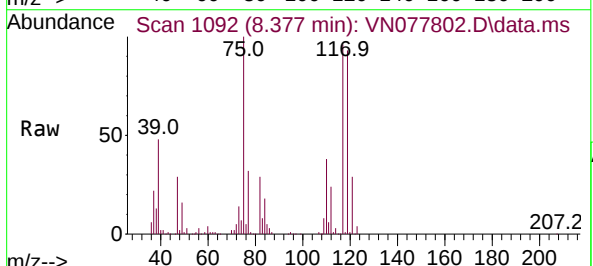
RT: 8.377 min Scan# 1092

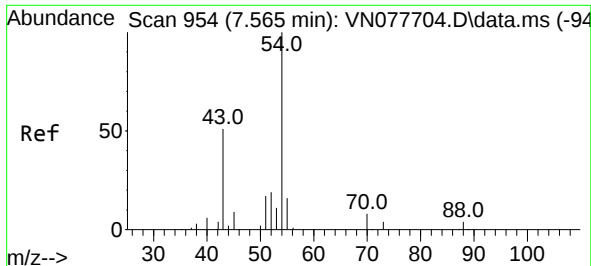
Delta R.T. -0.001 min

Lab File: VN077802.D

Acq: 22 May 2023 20:17

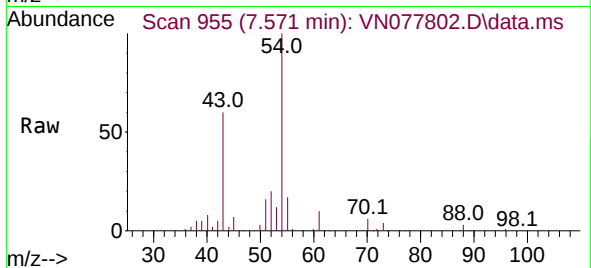
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	19.1	57.3
77	31.6	25.0	37.4





#37
Ethyl Acetate
Concen: 44.428 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

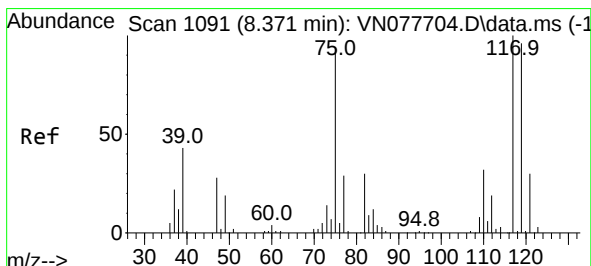
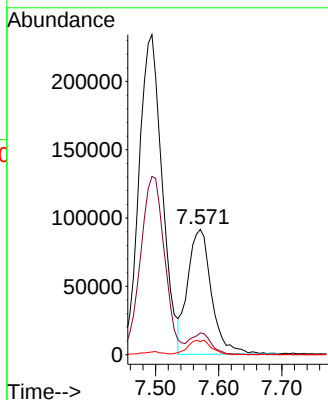
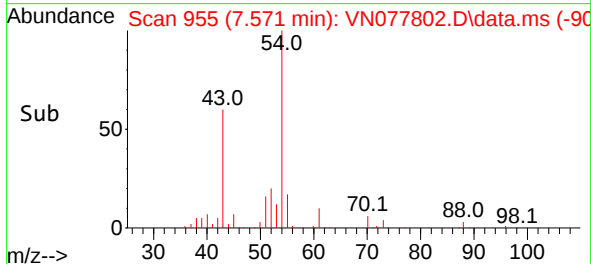
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion: 43 Resp: 239314
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 11.4 11.3 16.9

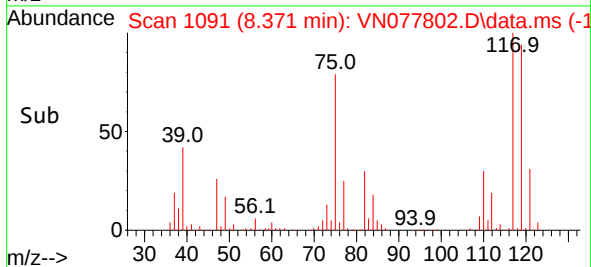
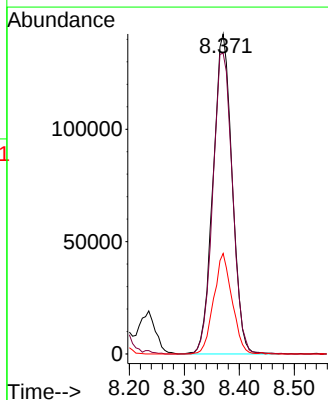
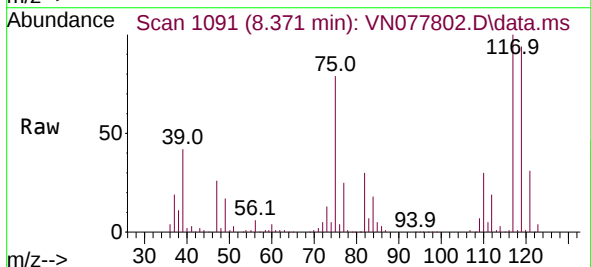
Manual Integrations
APPROVED

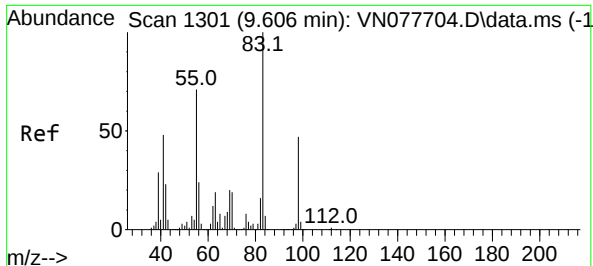
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#38
Carbon Tetrachloride
Concen: 56.286 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

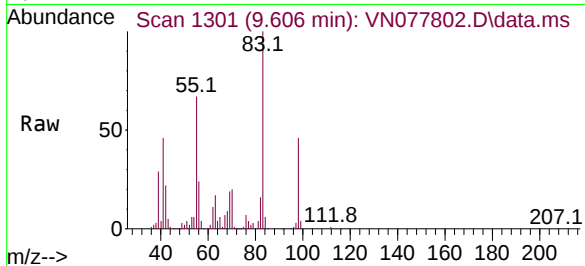
Tgt Ion:117 Resp: 343490
Ion Ratio Lower Upper
117 100
119 93.9 77.3 115.9
121 31.4 23.3 34.9





#39
Methylcyclohexane
Concen: 49.005 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

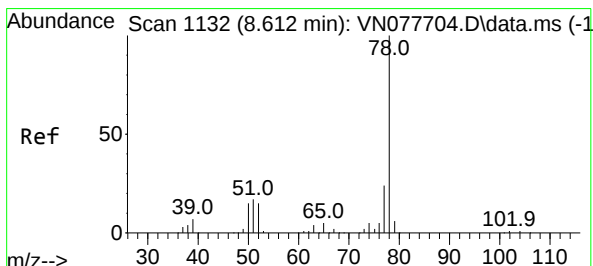
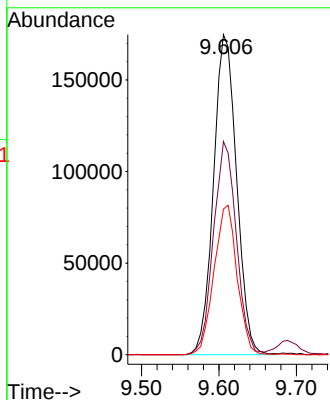
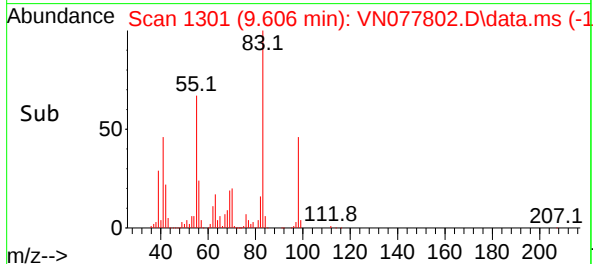
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion: 83 Resp: 36257
Ion Ratio Lower Upper
83 100
55 66.6 49.1 73.7
98 45.5 40.6 61.0

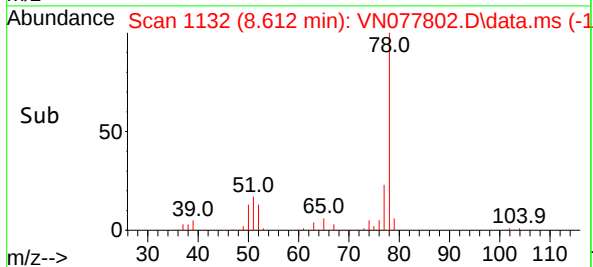
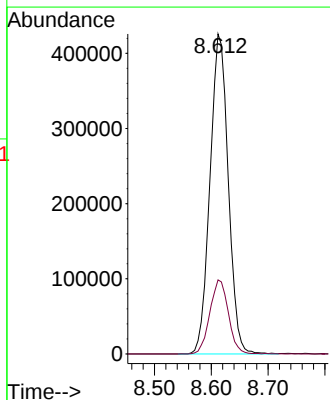
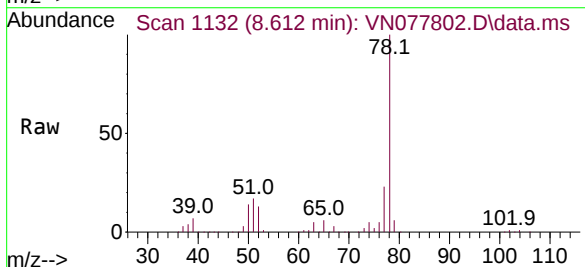
Manual Integrations
APPROVED

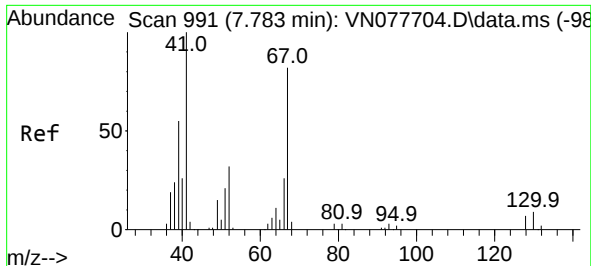
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#40
Benzene
Concen: 53.185 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

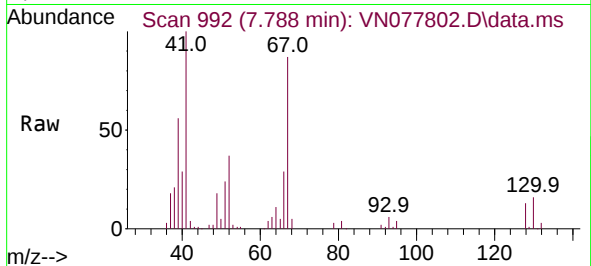
Tgt Ion: 78 Resp: 948499
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 47.703 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

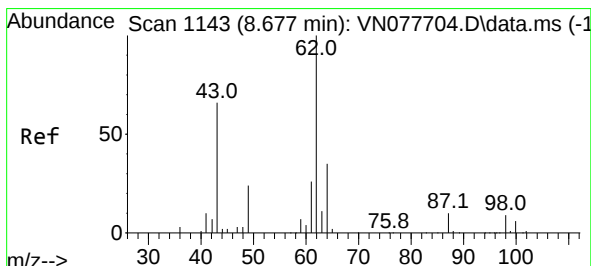
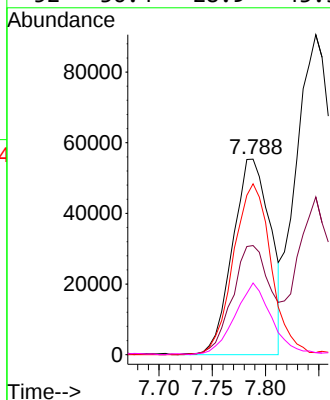
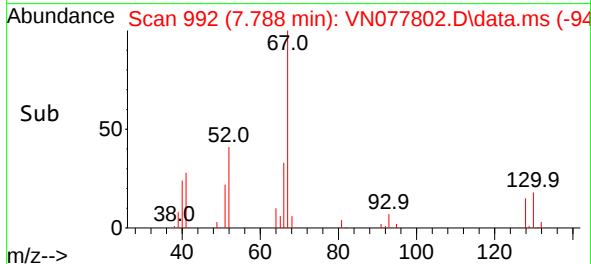
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion:	41	Resp:	13684
Ion Ratio	100	Lower	Upper
39	55.9	42.6	64.0
67	87.0	77.5	116.3
52	36.4	28.9	43.3

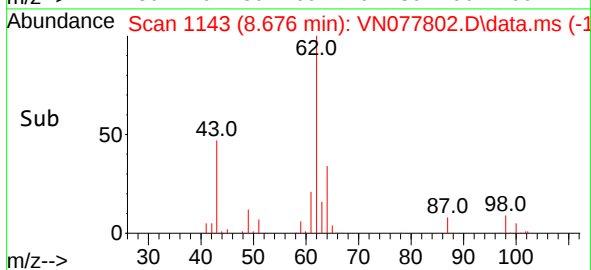
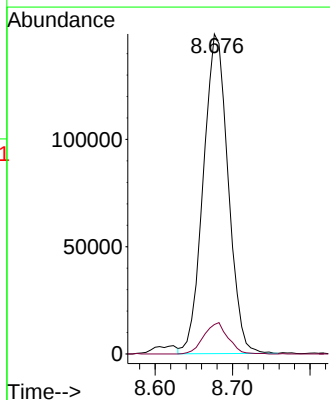
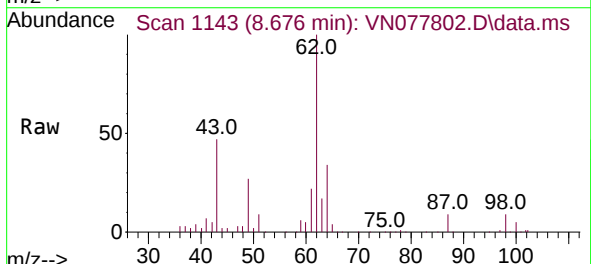
Manual Integrations
APPROVED

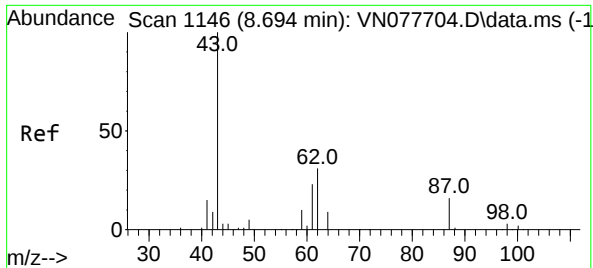
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#42
1,2-Dichloroethane
Concen: 51.193 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Tgt Ion:	62	Resp:	331642
Ion Ratio	100	Lower	Upper
98	9.6	0.0	19.8





#43

Isopropyl Acetate

Concen: 48.713 ug/l

RT: 8.700 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN077802.D

Acq: 22 May 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MSD

Tgt Ion: 43 Resp: 428592

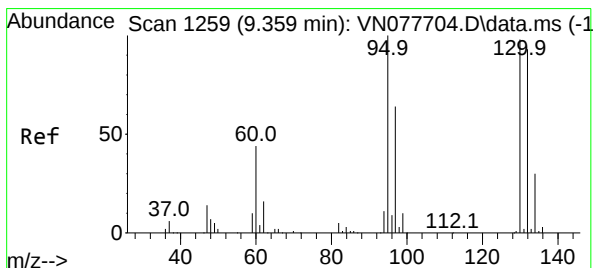
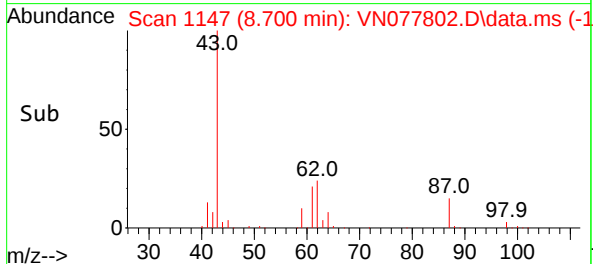
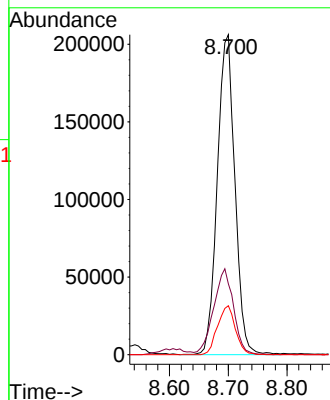
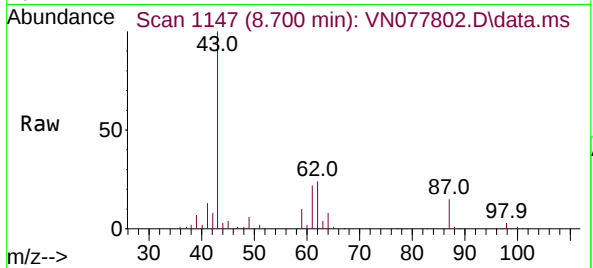
Ion	Ratio	Lower	Upper
43	100		
61	30.4	24.7	37.1
87	15.6	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#44

Trichloroethene

Concen: 55.964 ug/l

RT: 9.359 min Scan# 1259

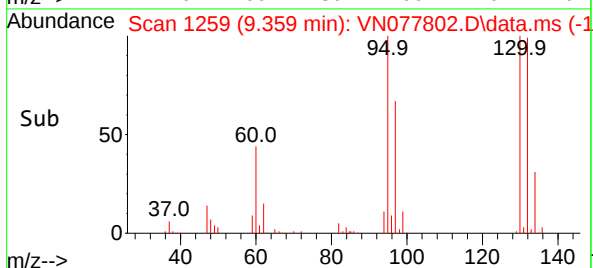
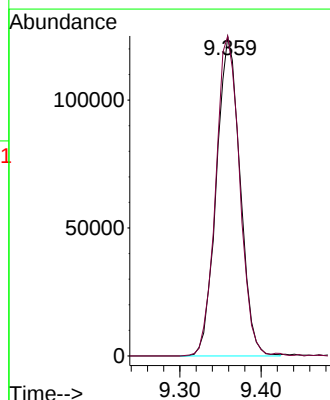
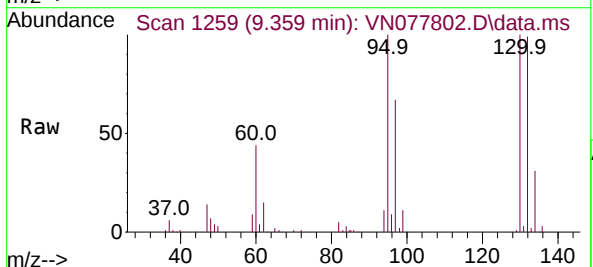
Delta R.T. -0.000 min

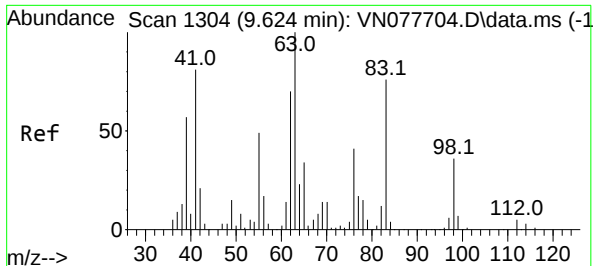
Lab File: VN077802.D

Acq: 22 May 2023 20:17

Tgt Ion:130 Resp: 252713

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	204.6





#45

1,2-Dichloropropane

Concen: 53.489 ug/l

RT: 9.629 min Scan# 1319

Delta R.T. 0.005 min

Lab File: VN077802.D

Acq: 22 May 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MSD

Tgt Ion: 63 Resp: 24331

Ion Ratio Lower Upper

63 100

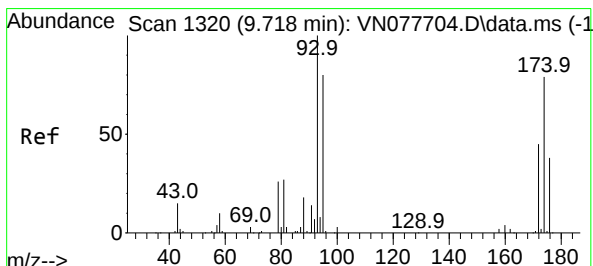
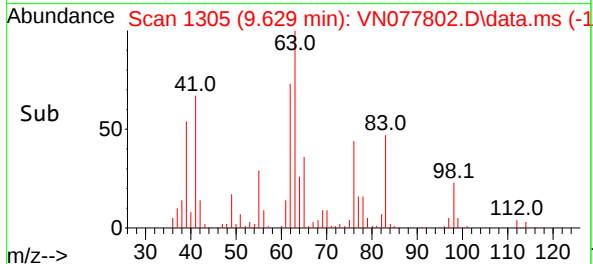
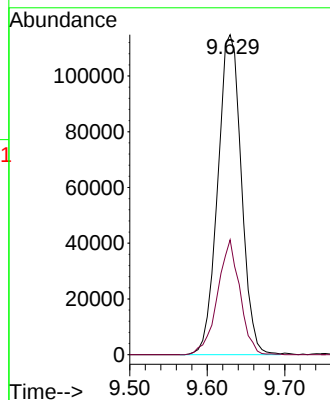
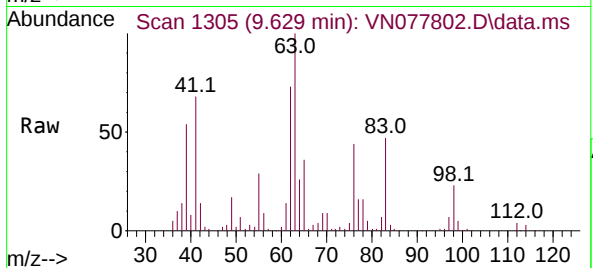
65 35.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#46

Dibromomethane

Concen: 51.831 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077802.D

Acq: 22 May 2023 20:17

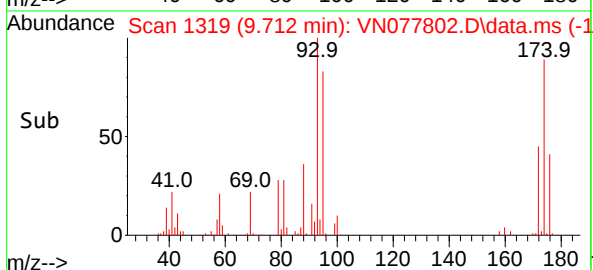
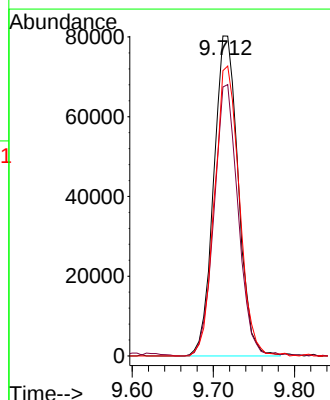
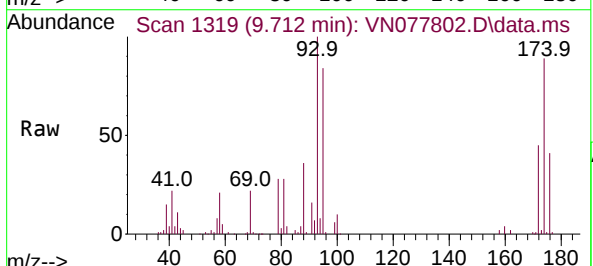
Tgt Ion: 93 Resp: 168713

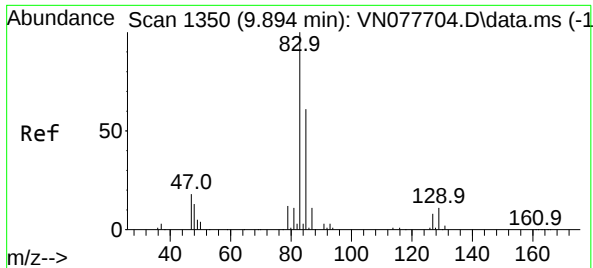
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

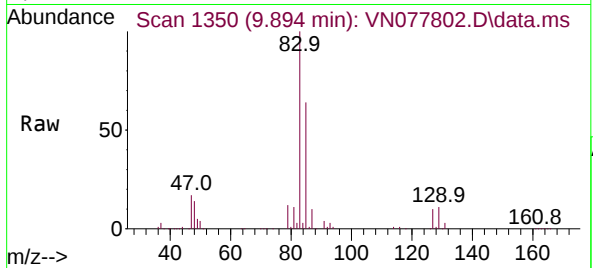
174 91.4 65.6 98.4





#47
Bromodichloromethane
Concen: 55.951 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

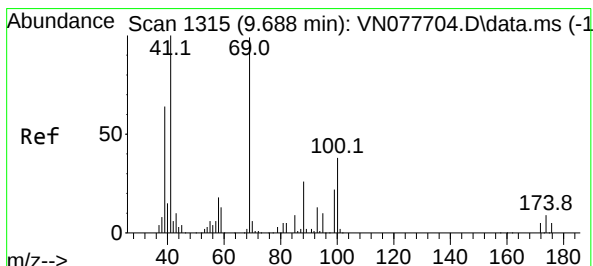
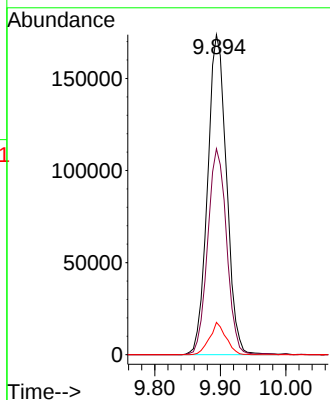
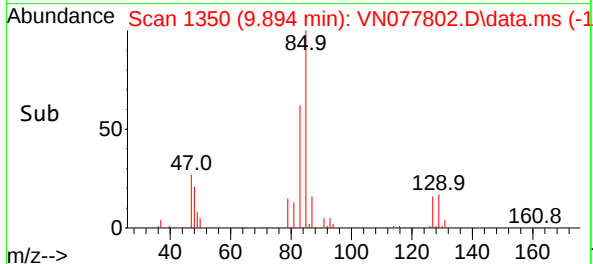
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



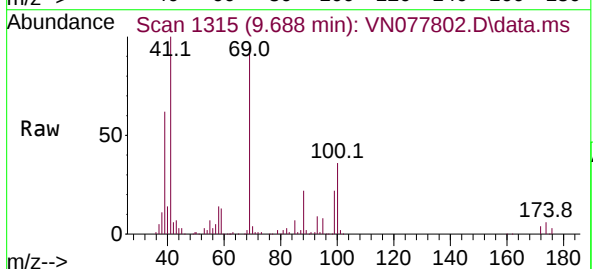
Tgt Ion: 83 Resp: 348678
Ion Ratio Lower Upper
83 100
85 64.4 49.6 74.4
127 10.1 7.0 10.6

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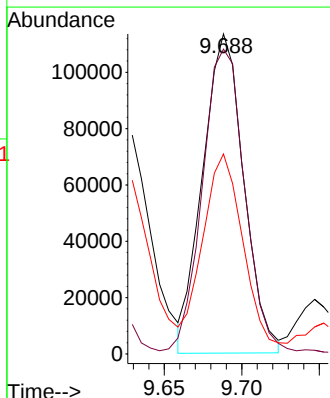
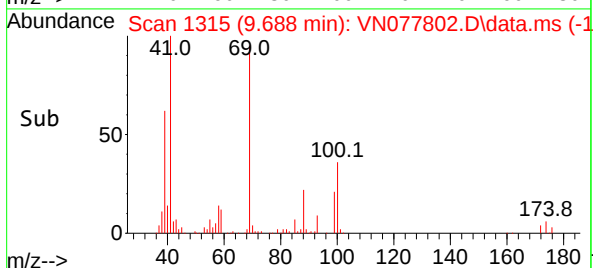
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

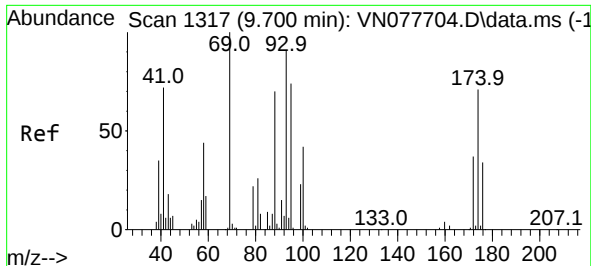


#48
Methyl methacrylate
Concen: 50.097 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17



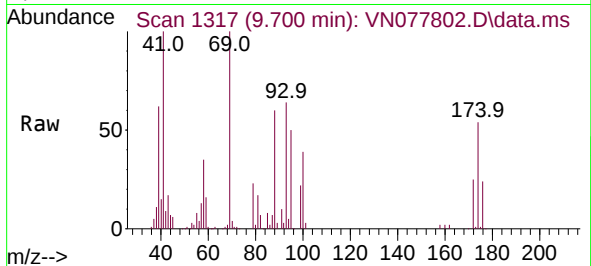
Tgt Ion: 41 Resp: 208978
Ion Ratio Lower Upper
41 100
69 99.4 90.4 135.6
39 62.9 54.6 81.8





#49
1,4-Dioxane
Concen: 1046.156 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

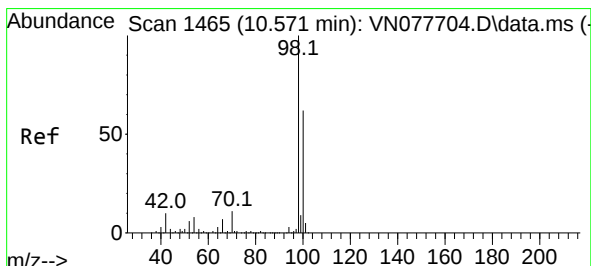
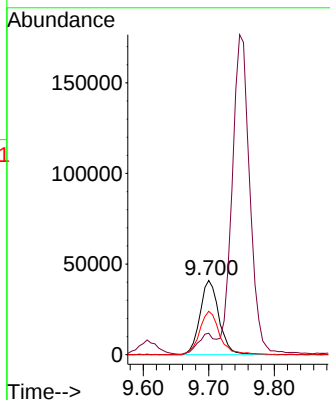
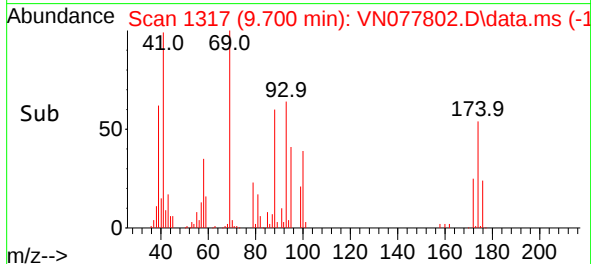
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion: 88 Resp: 82424
Ion Ratio Lower Upper
88 100
43 25.4 17.0 25.6
58 61.8 47.0 70.4

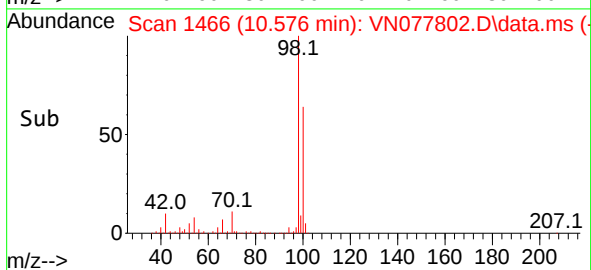
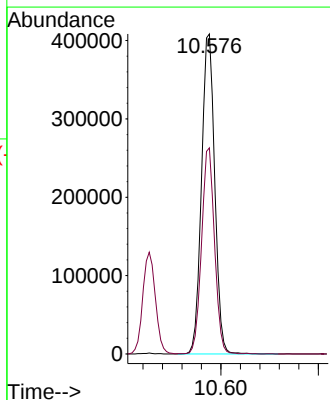
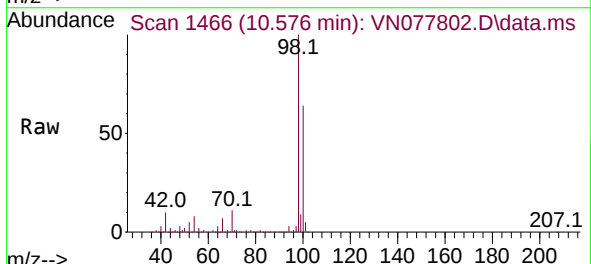
Manual Integrations
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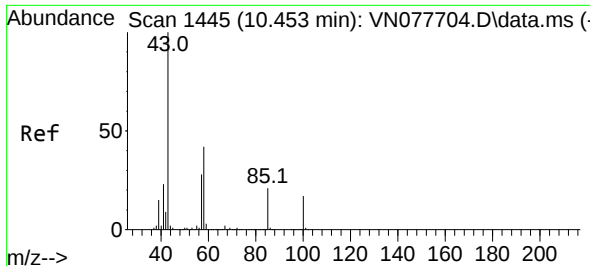
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#50
Toluene-d8
Concen: 48.173 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

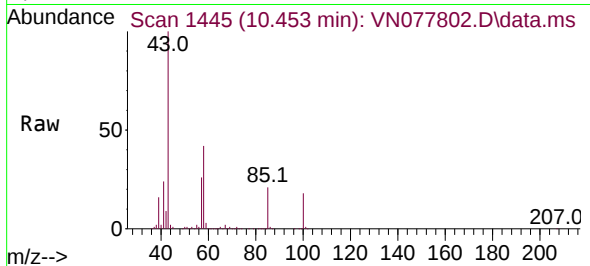
Tgt Ion: 98 Resp: 766127
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 255.838 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

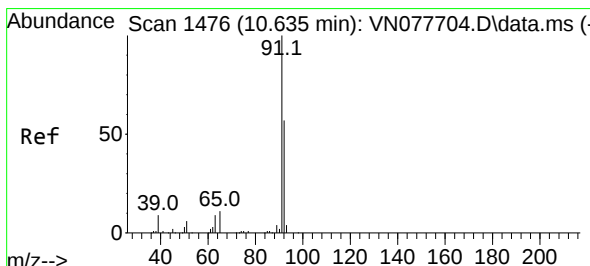
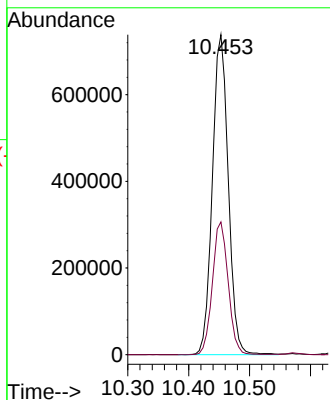
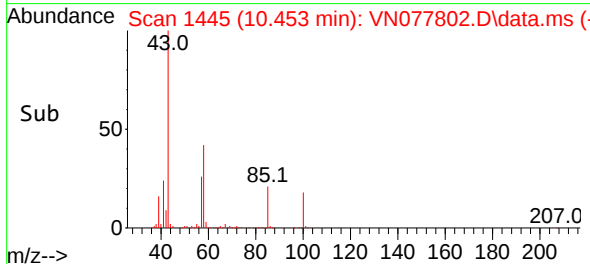
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion: 43 Resp: 1337990
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8

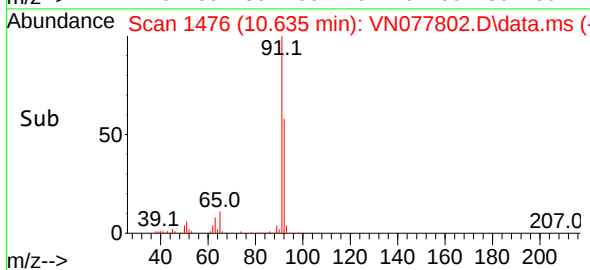
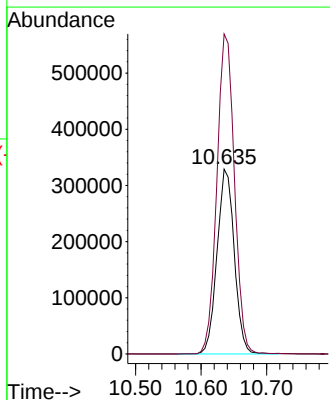
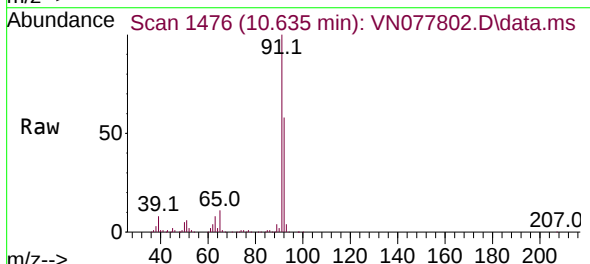
Manual Integrations
APPROVED

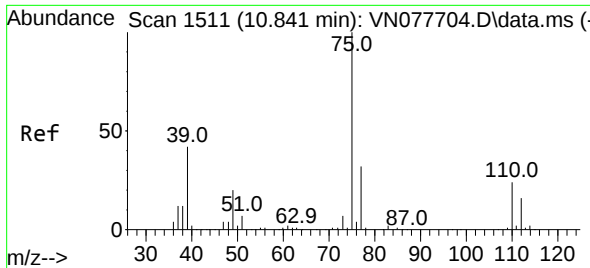
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#52
Toluene
Concen: 53.912 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

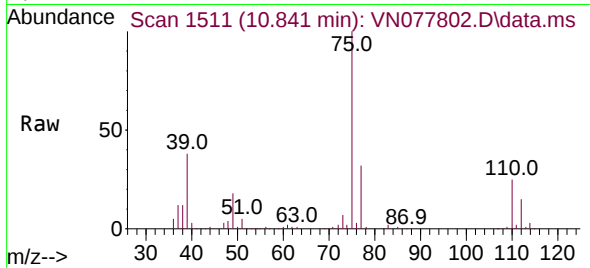
Tgt Ion: 92 Resp: 598555
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 52.274 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077802.D
 Acq: 22 May 2023 20:17

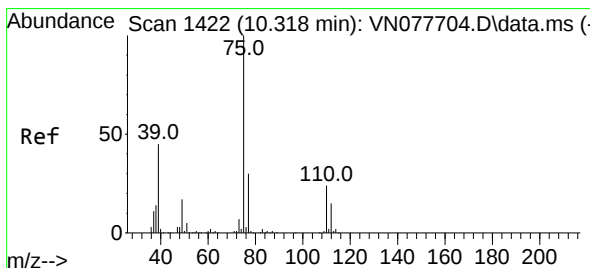
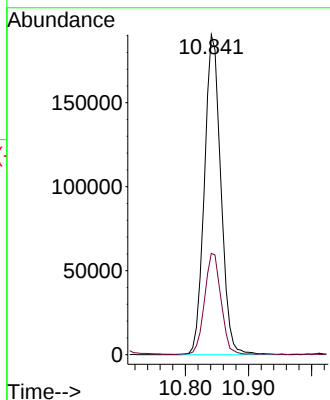
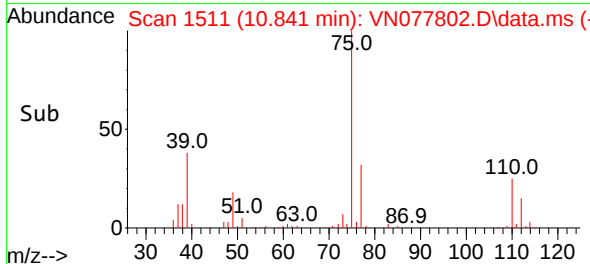
Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230519MSD



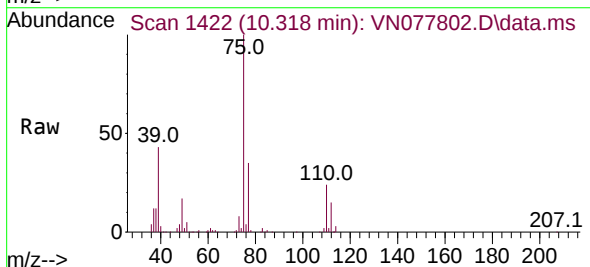
Tgt Ion: 75 Resp: 344969
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0

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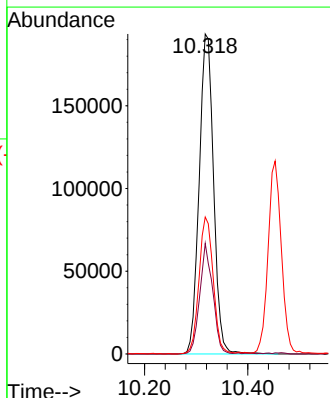
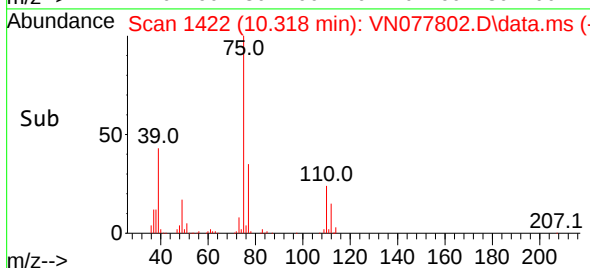
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023

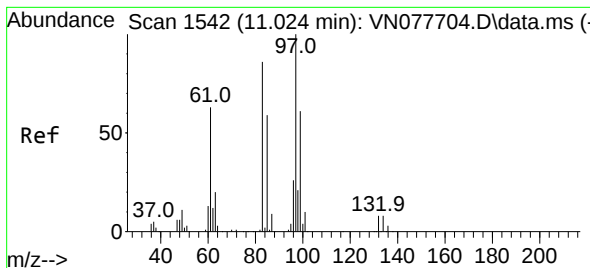


#54
 cis-1,3-Dichloropropene
 Concen: 51.418 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077802.D
 Acq: 22 May 2023 20:17



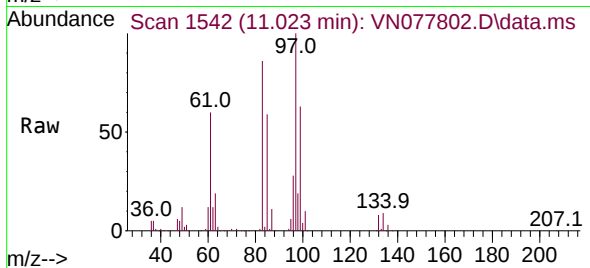
Tgt Ion: 75 Resp: 373932
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.1 39.1
 39 42.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 54.739 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

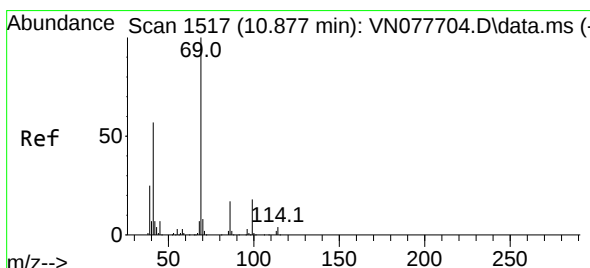
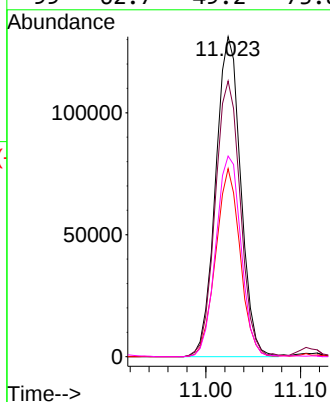
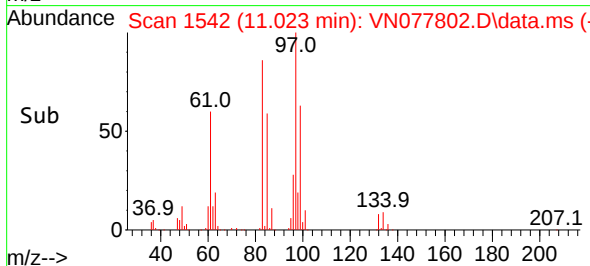
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion:	97	Resp:	241310
Ion Ratio	100	Lower	Upper
97	100		
83	86.2	65.1	97.7
85	58.7	43.4	65.2
99	62.7	49.2	73.8

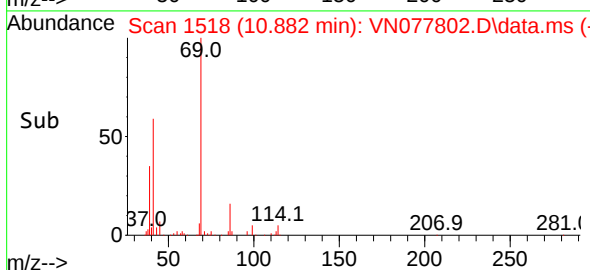
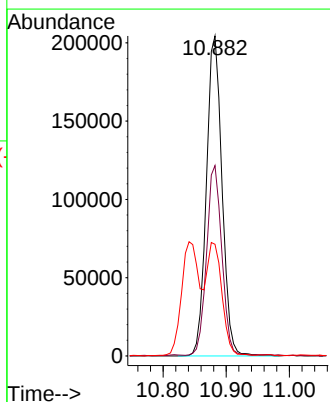
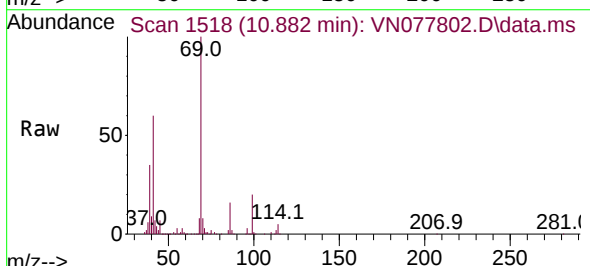
Manual Integrations
APPROVED

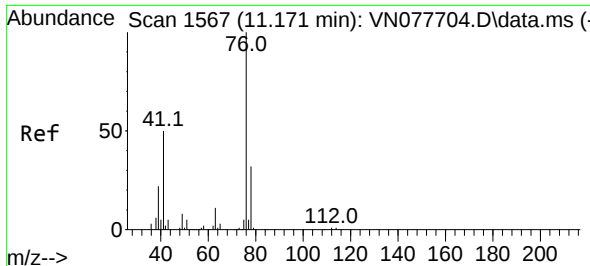
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#56
Ethyl methacrylate
Concen: 52.609 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Tgt Ion:	69	Resp:	350661
Ion Ratio	100	Lower	Upper
69	100		
41	57.7	39.6	59.4
39	32.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 54.062 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN077802.D

Acq: 22 May 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MSD

Tgt Ion: 76 Resp: 408560

Ion Ratio Lower Upper

76 100

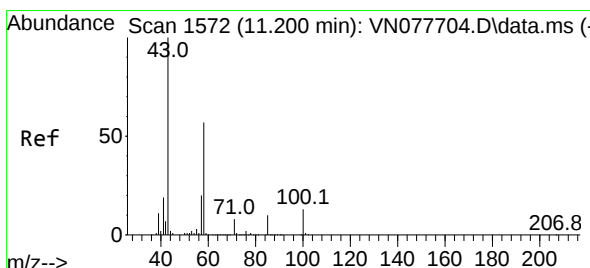
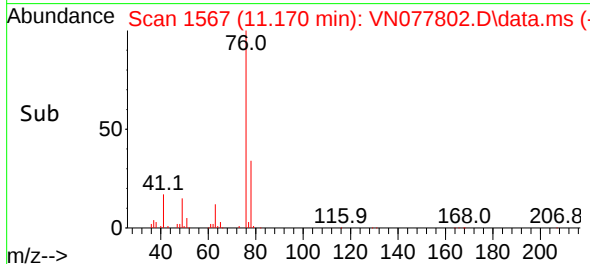
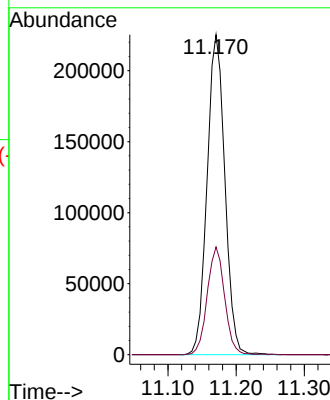
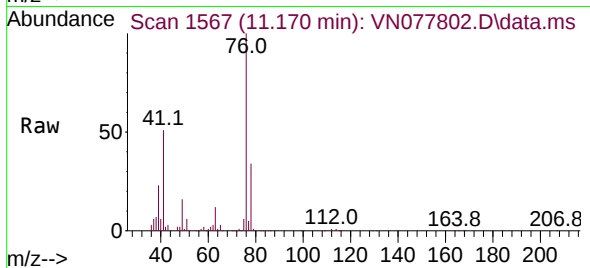
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#59

2-Hexanone

Concen: 244.513 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. -0.000 min

Lab File: VN077802.D

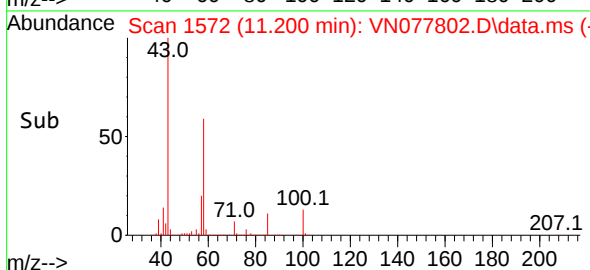
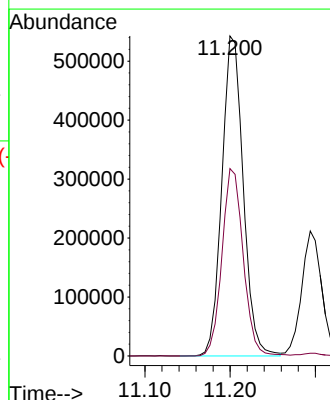
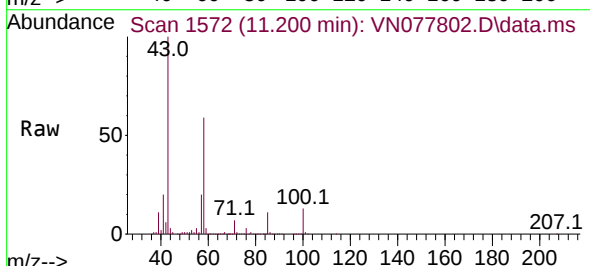
Acq: 22 May 2023 20:17

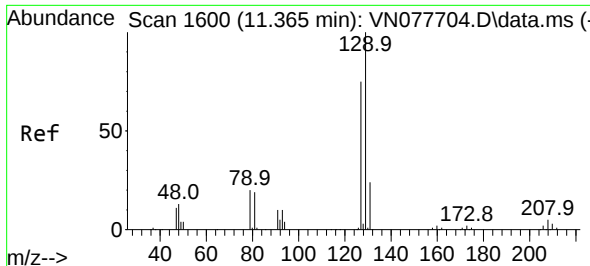
Tgt Ion: 43 Resp: 945847

Ion Ratio Lower Upper

43 100

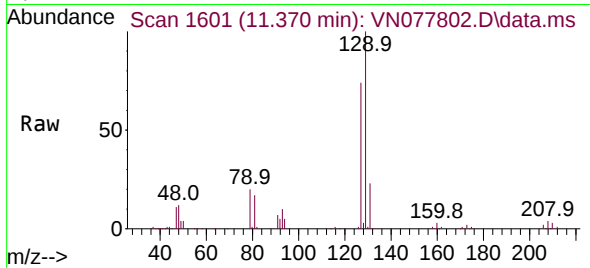
58 58.3 31.7 95.1





#60
Dibromochloromethane
Concen: 58.839 ug/l
RT: 11.370 min Scan# 1600
Delta R.T. 0.005 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

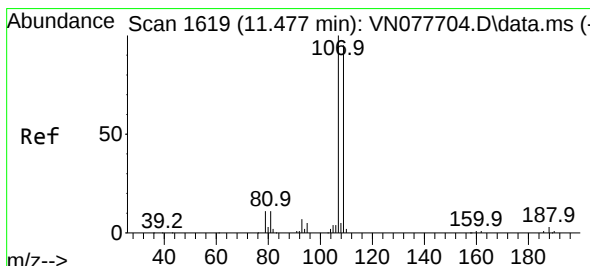
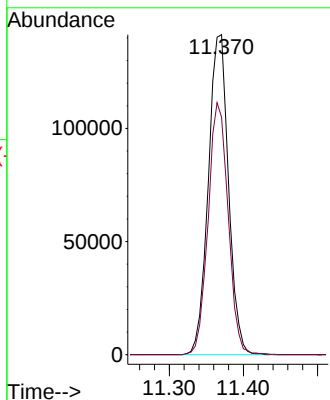
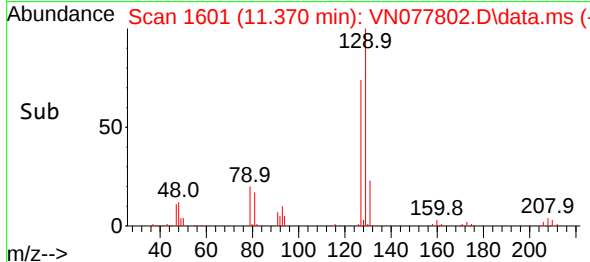
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion:129 Resp: 26777
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0

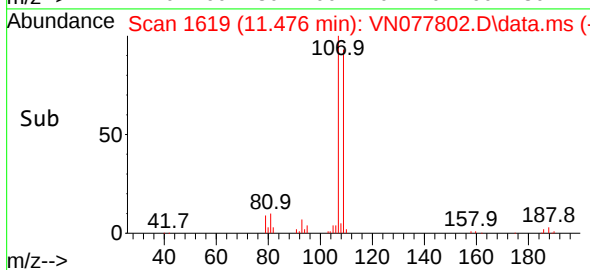
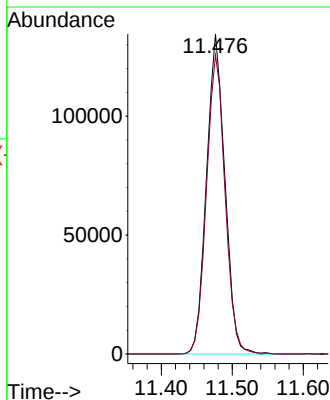
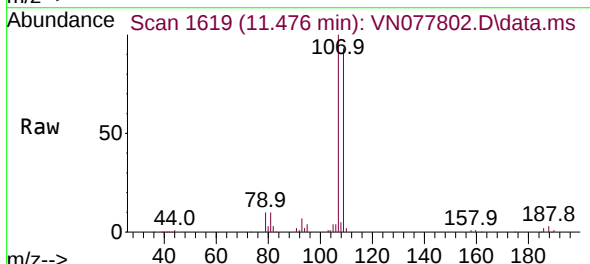
Manual Integrations
APPROVED

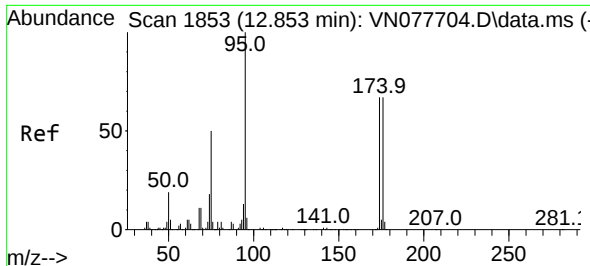
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#61
1,2-Dibromoethane
Concen: 55.036 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

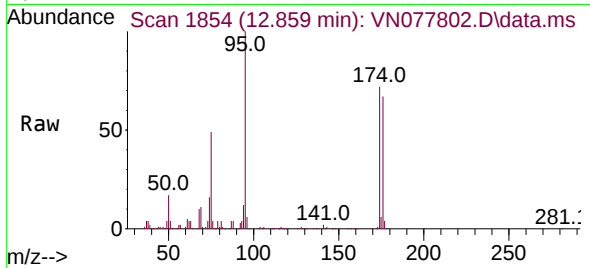
Tgt Ion:107 Resp: 242041
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8





#62
4-Bromofluorobenzene
Concen: 45.848 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

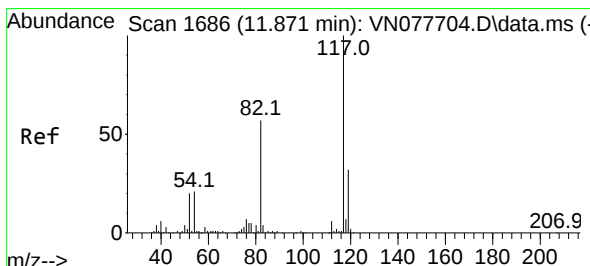
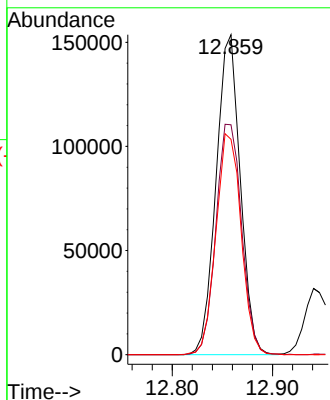
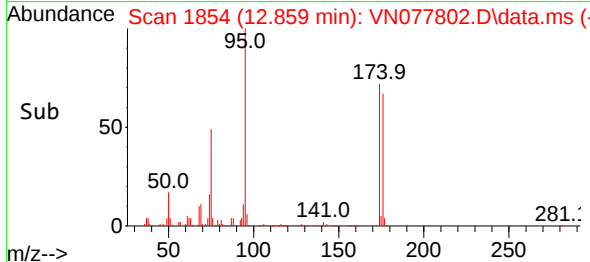
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



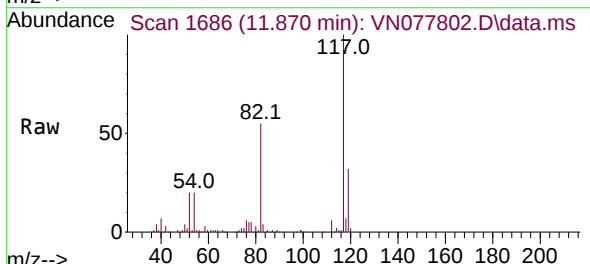
Tgt Ion: 95 Resp: 25752
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 72.0 0.0 135.8

Manual Integrations
APPROVED

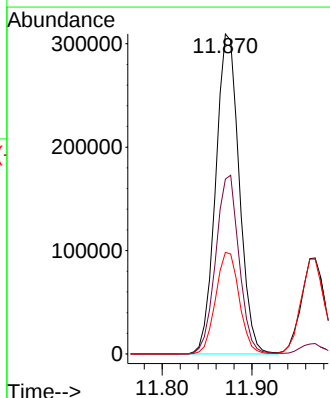
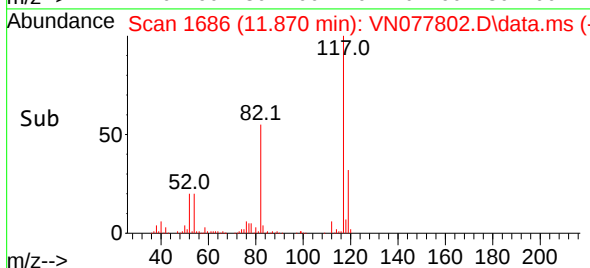
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

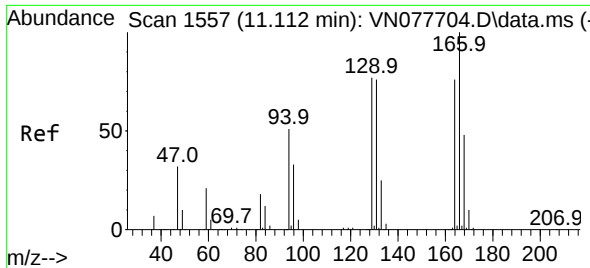


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17



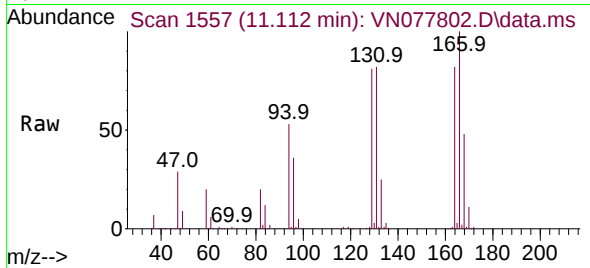
Tgt Ion:117 Resp: 563672
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 31.8 25.6 38.4





#64
Tetrachloroethene
Concen: 60.847 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

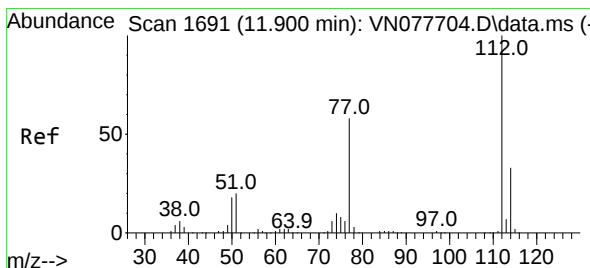
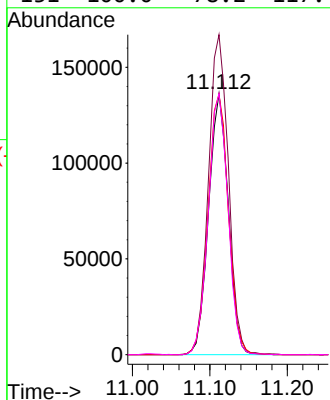
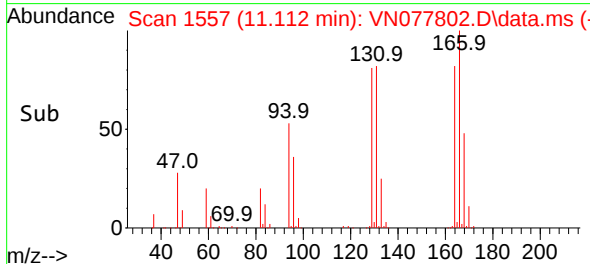
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion:164 Resp: 239852
Ion Ratio Lower Upper
164 100
166 122.6 101.4 152.0
129 99.9 82.4 123.6
131 100.0 78.2 117.4

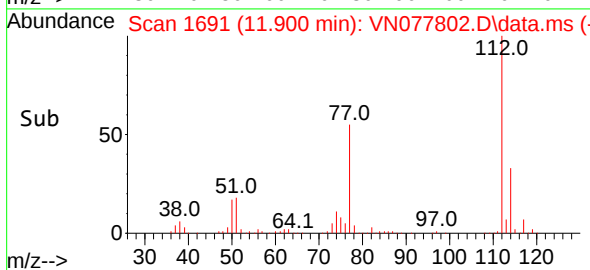
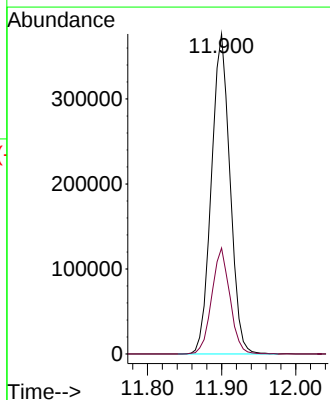
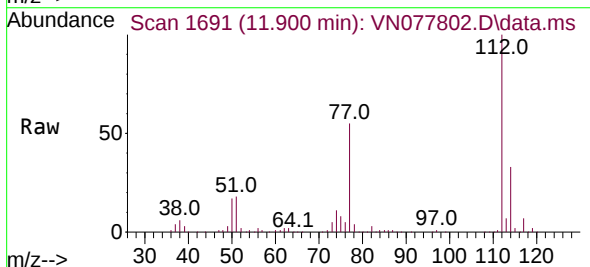
Manual Integrations
APPROVED

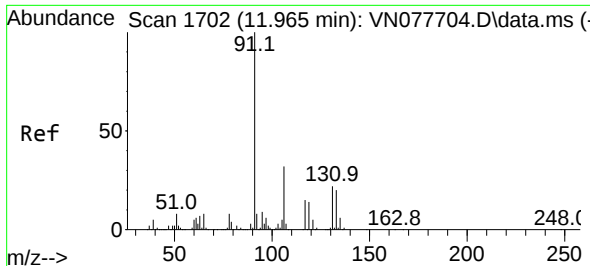
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#65
Chlorobenzene
Concen: 53.563 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

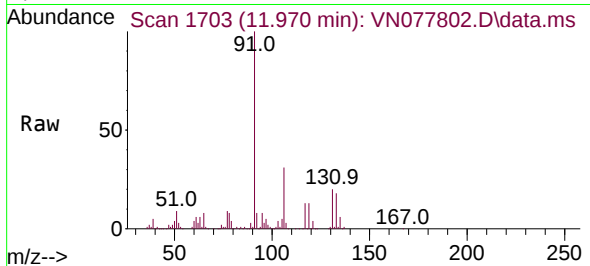
Tgt Ion:112 Resp: 654522
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.4





#66
1,1,1,2-Tetrachloroethane
Concen: 59.592 ug/l
RT: 11.970 min Scan# 1702
Delta R.T. 0.005 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

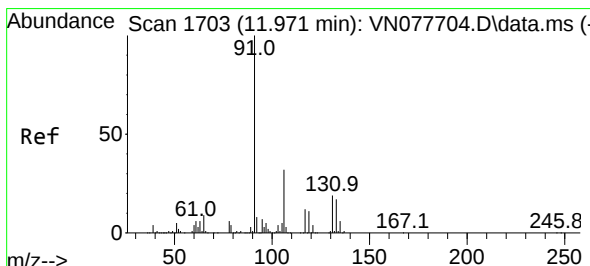
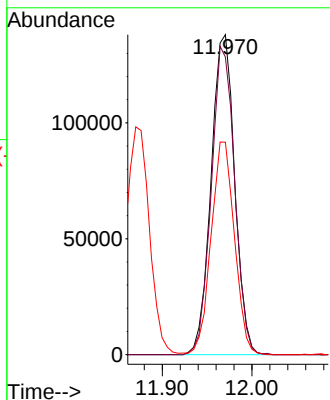
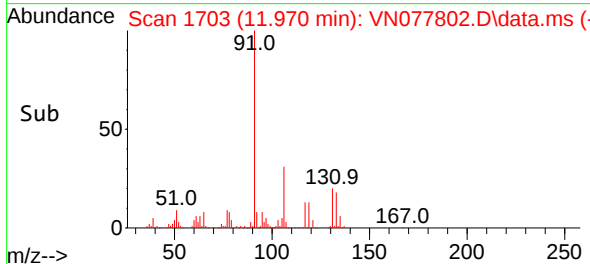
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion:131 Resp: 251968
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 66.1 34.1 102.2

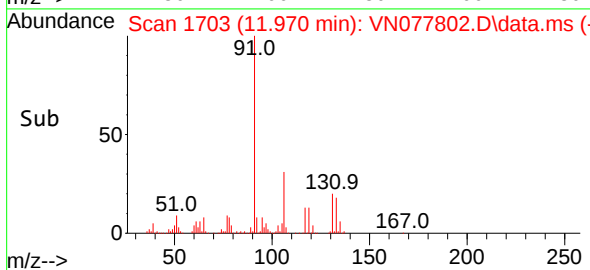
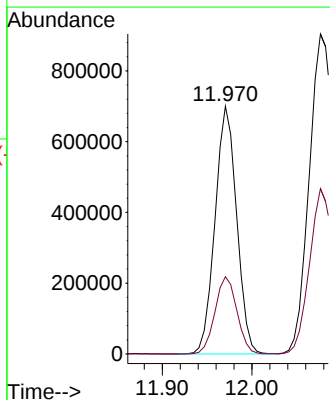
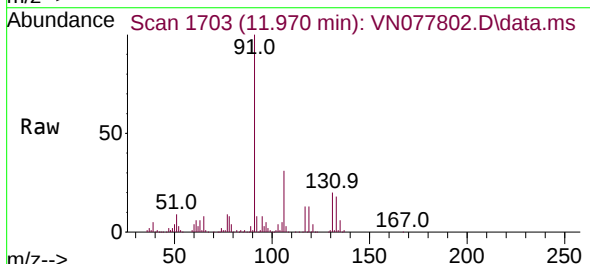
Manual Integrations
APPROVED

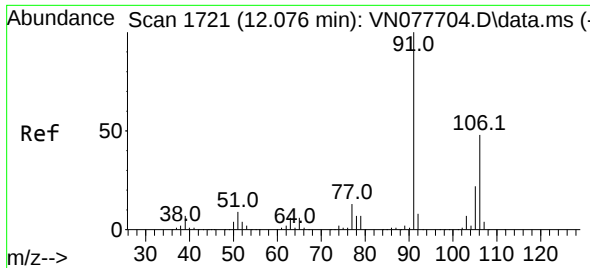
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#67
Ethyl Benzene
Concen: 53.480 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Tgt Ion: 91 Resp: 1171117
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4





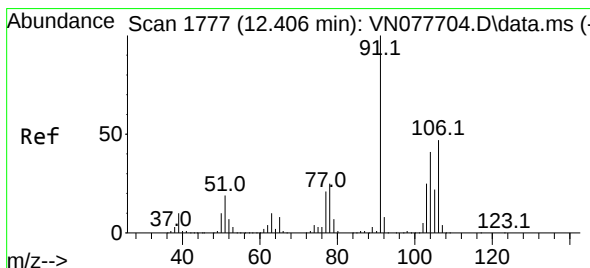
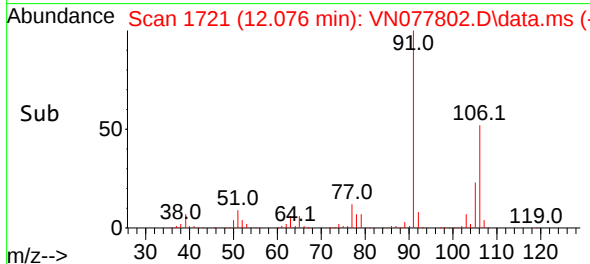
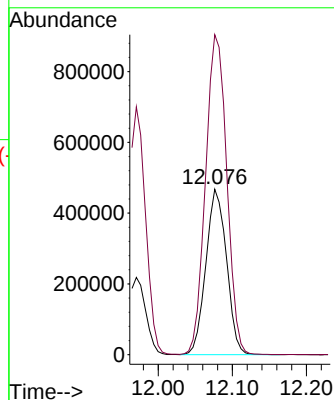
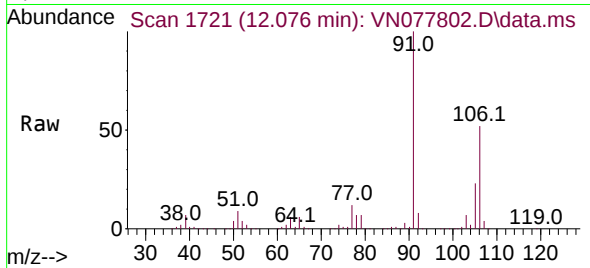
#68
m/p-Xylenes
Concen: 109.204 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD

Tgt Ion:106 Resp: 906120
Ion Ratio Lower Upper
106 100
91 198.9 159.6 239.4

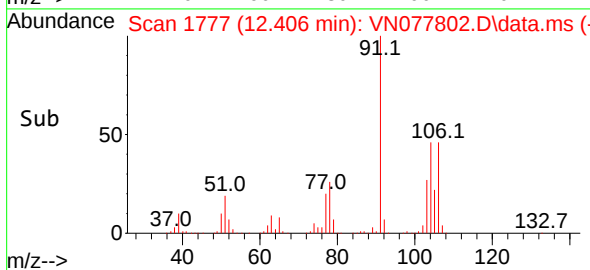
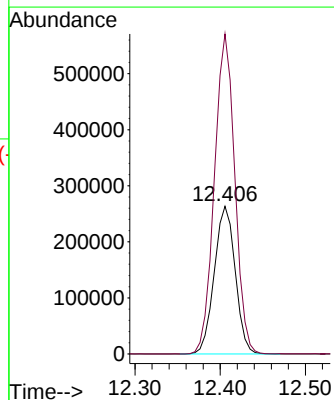
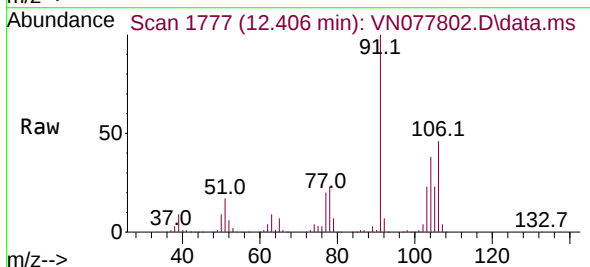
Manual Integrations
APPROVED

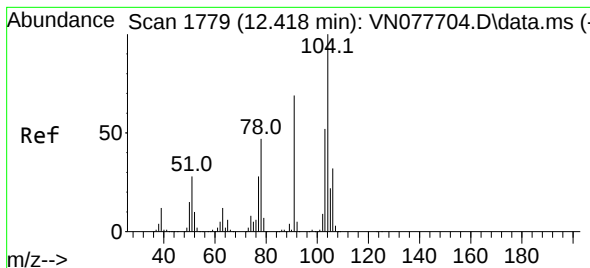
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#69
o-Xylene
Concen: 55.111 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Tgt Ion:106 Resp: 449714
Ion Ratio Lower Upper
106 100
91 211.3 105.2 315.5





#70

Styrene

Concen: 54.600 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN077802.D

Acq: 22 May 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MSD

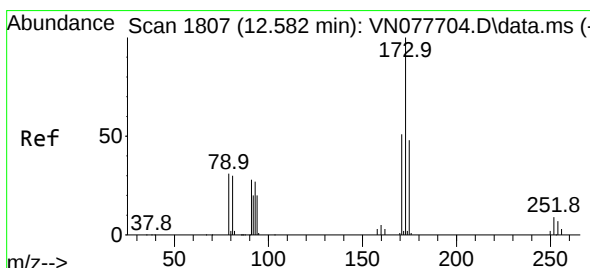
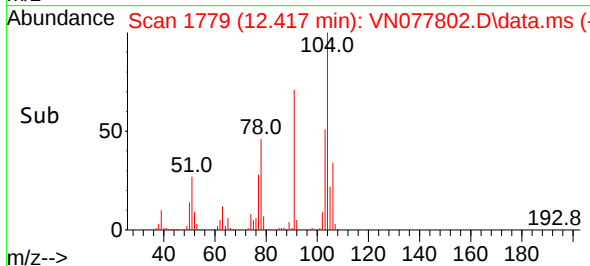
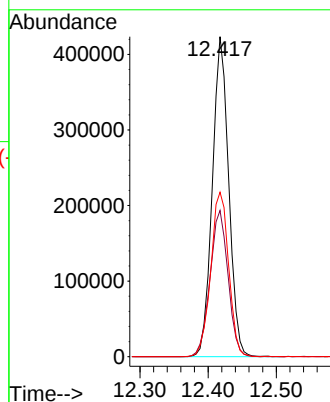
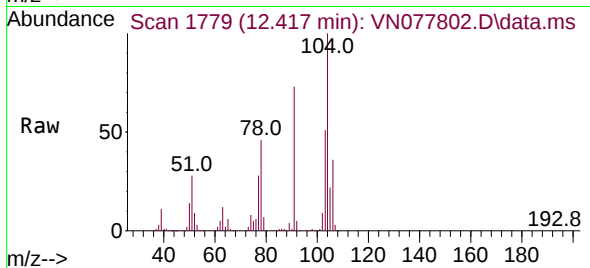
Tgt Ion:104 Resp: 707780
 Ion Ratio Lower Upper
 104 100
 78 50.2 39.5 59.3
 103 56.1 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#71

Bromoform

Concen: 60.492 ug/l

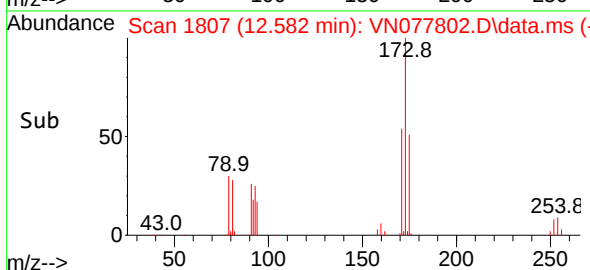
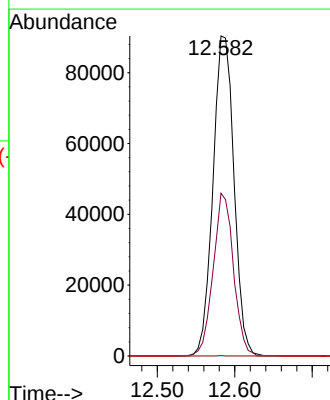
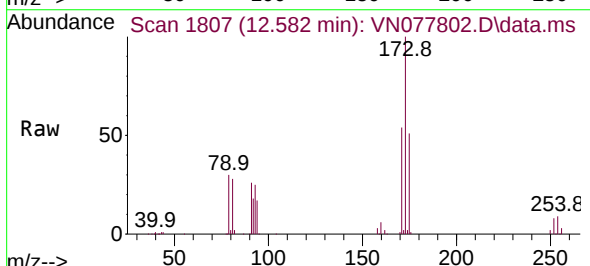
RT: 12.582 min Scan# 1807

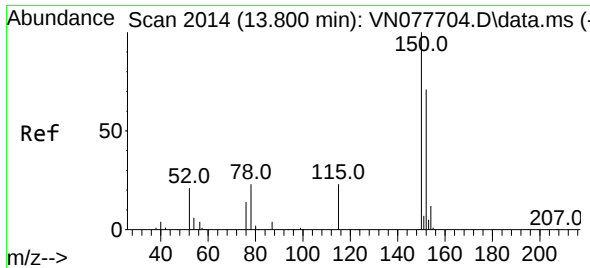
Delta R.T. 0.000 min

Lab File: VN077802.D

Acq: 22 May 2023 20:17

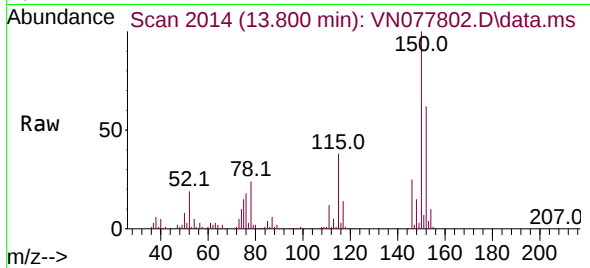
Tgt Ion:173 Resp: 170148
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.3 73.0
 254 0.0 0.0 0.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

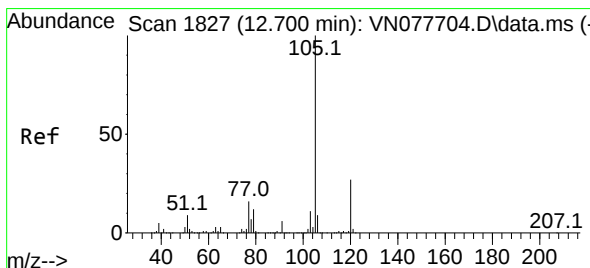
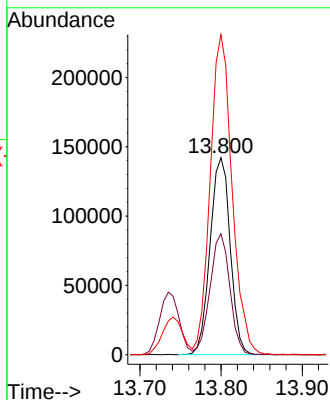
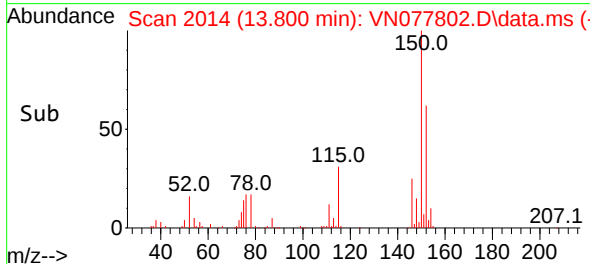
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



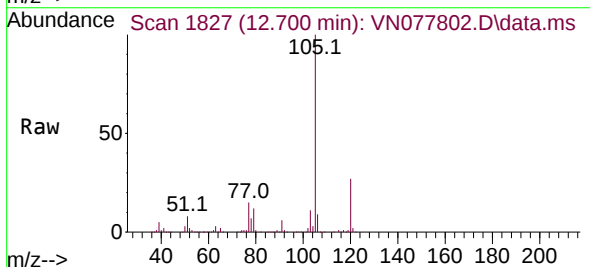
Tgt Ion:152 Resp: 244697
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 176.7 0.0 355.8

Manual Integrations
APPROVED

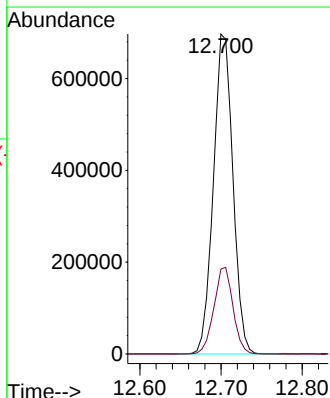
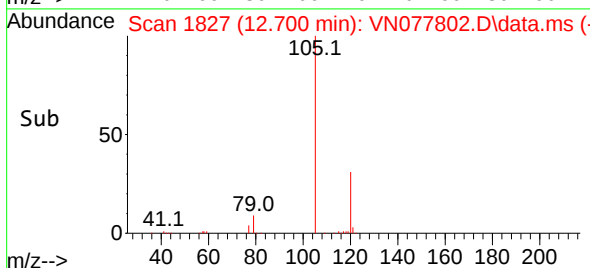
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

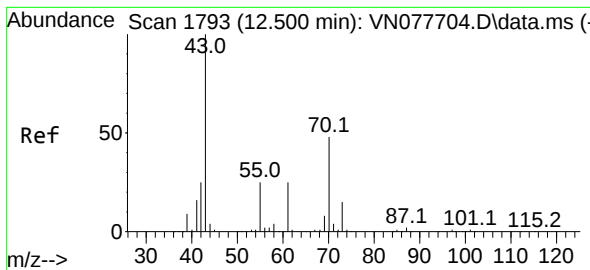


#73
Isopropylbenzene
Concen: 55.230 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17



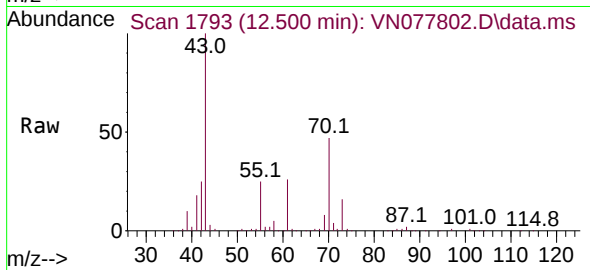
Tgt Ion:105 Resp: 1164972
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1





#74
N-amy1 acetate
Concen: 42.893 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

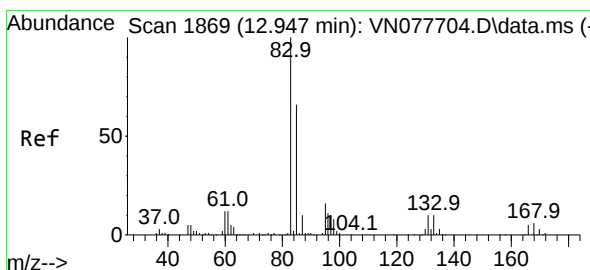
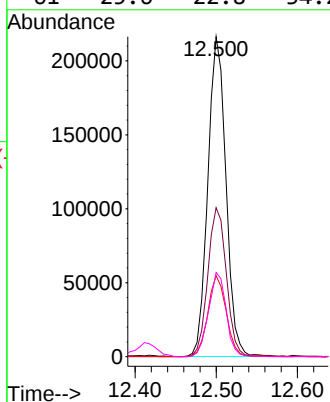
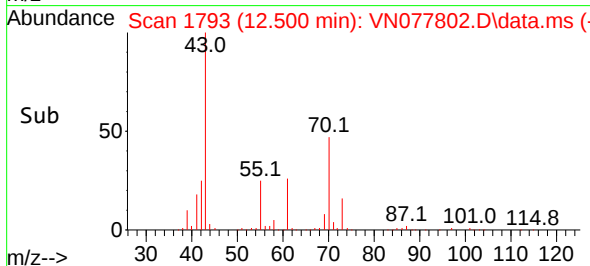
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



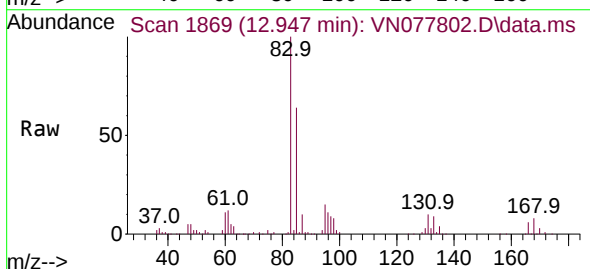
Tgt Ion: 43 Resp: 334418
Ion Ratio Lower Upper
43 100
70 47.8 43.4 65.2
55 26.1 21.4 32.0
61 25.6 22.8 34.2

Manual Integrations
APPROVED

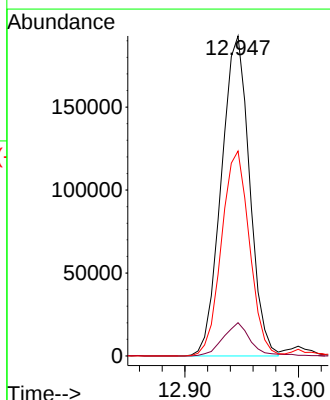
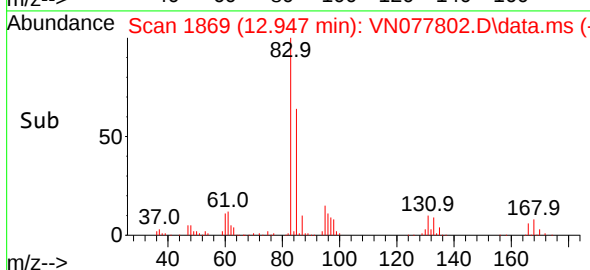
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

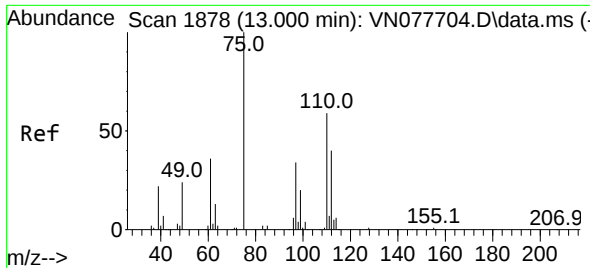


#75
1,1,2,2-Tetrachloroethane
Concen: 51.428 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17



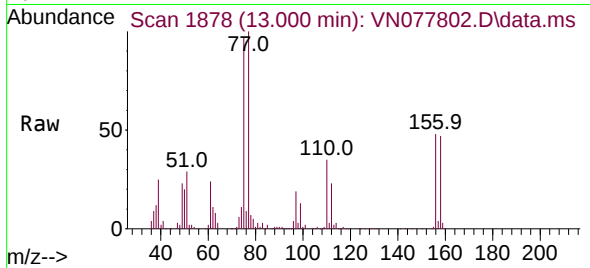
Tgt Ion: 83 Resp: 333715
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 63.4 31.9 95.7





#76
1,2,3-Trichloropropane
Concen: 40.282 ug/l m
RT: 13.000 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

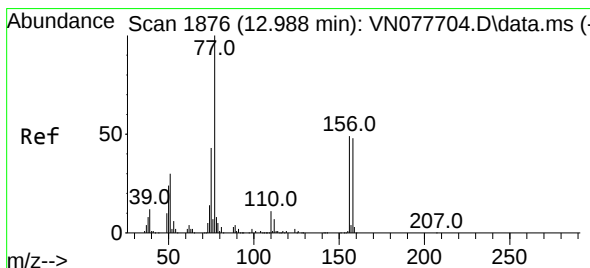
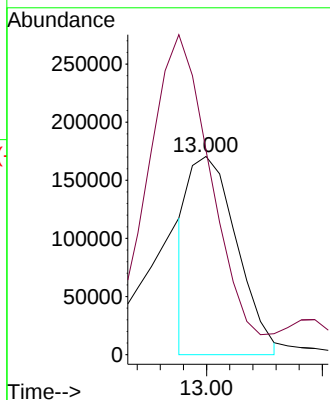
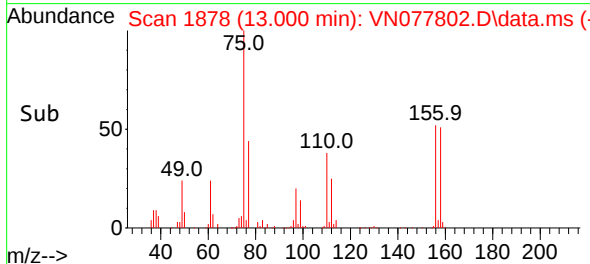
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



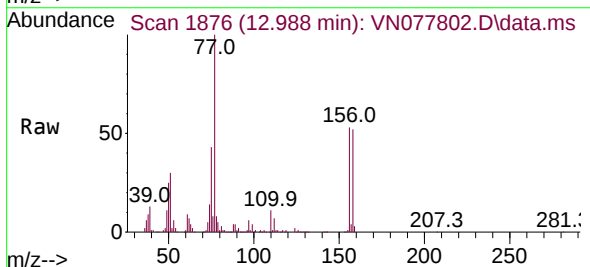
Tgt Ion: 75 Resp: 246852
Ion Ratio Lower Upper
75 100
77 216.5 84.5 253.5

Manual Integrations
APPROVED

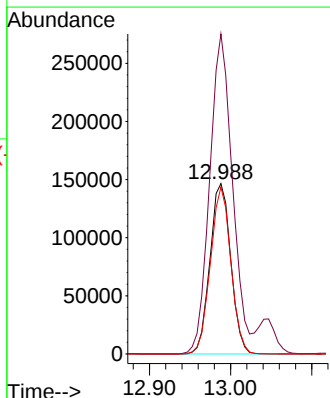
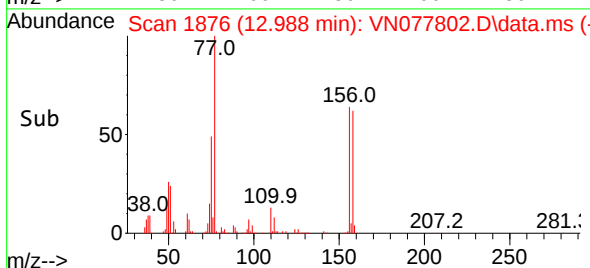
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

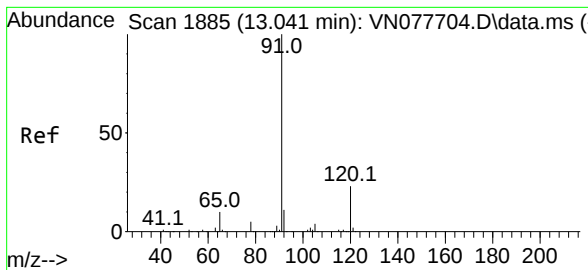


#77
Bromobenzene
Concen: 54.217 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17



Tgt Ion:156 Resp: 260976
Ion Ratio Lower Upper
156 100
77 204.8 107.7 323.3
158 96.0 48.4 145.3





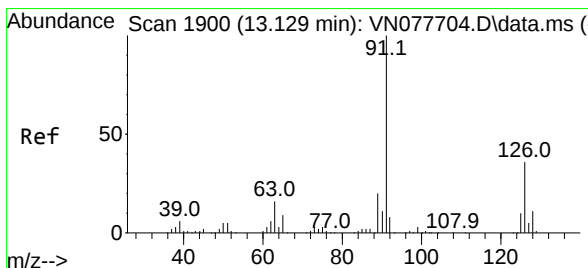
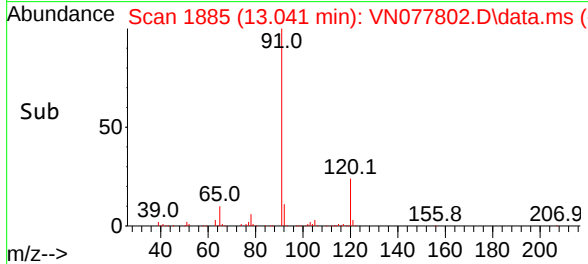
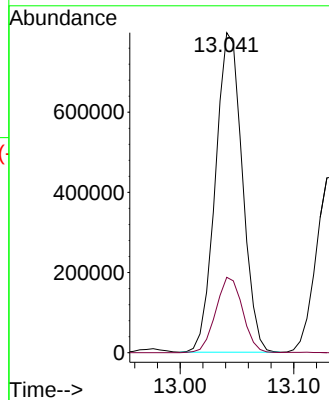
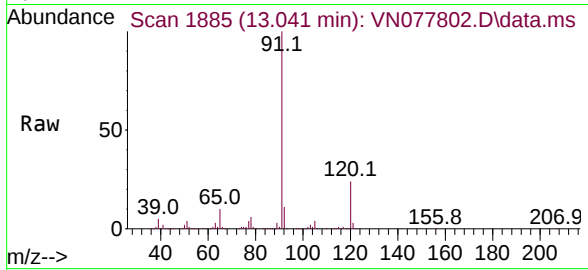
#78
n-propylbenzene
Concen: 52.773 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD

Tgt Ion: 91 Resp: 131232
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4

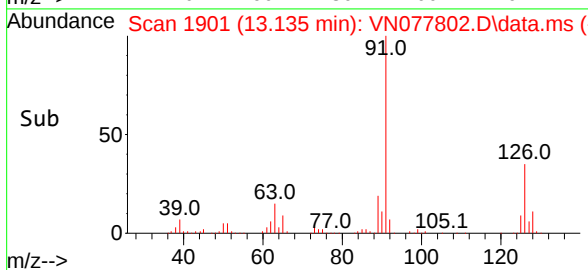
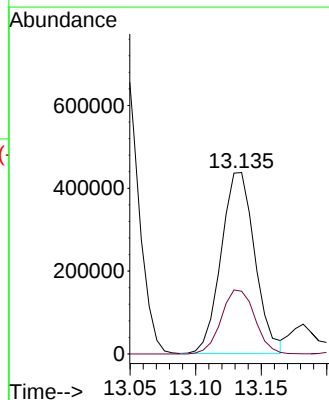
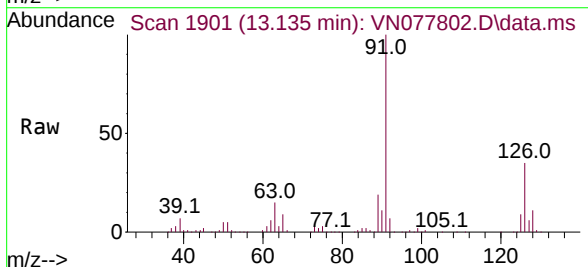
Manual Integrations
APPROVED

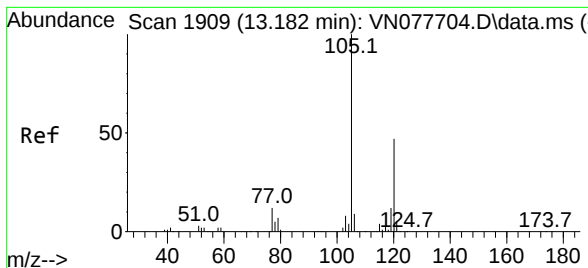
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#79
2-Chlorotoluene
Concen: 52.839 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Tgt Ion: 91 Resp: 784059
Ion Ratio Lower Upper
91 100
126 35.2 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 55.042 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VN077802.D

Acq: 22 May 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MSD

Tgt Ion:105 Resp: 975772

Ion Ratio Lower Upper

105 100

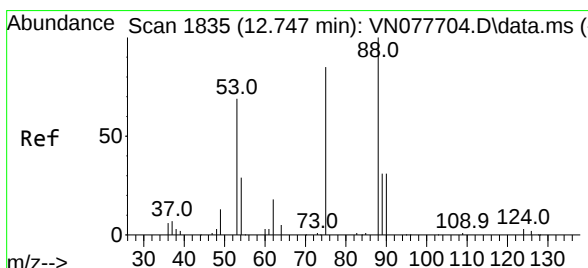
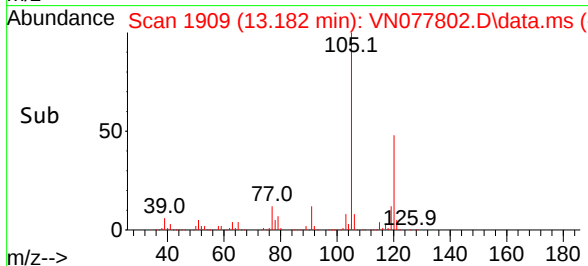
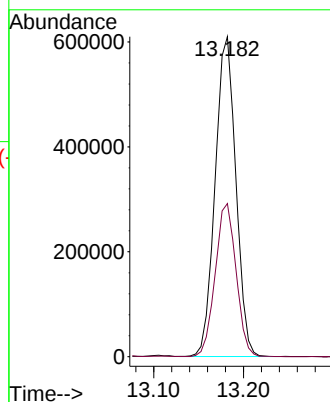
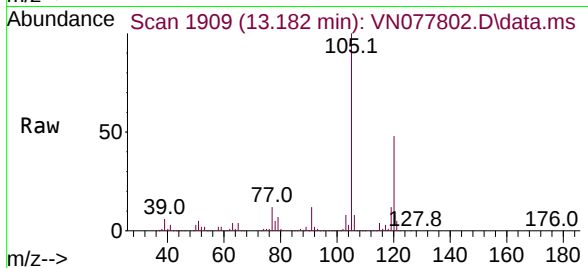
120 48.4 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 45.926 ug/l

RT: 12.747 min Scan# 1835

Delta R.T. 0.006 min

Lab File: VN077802.D

Acq: 22 May 2023 20:17

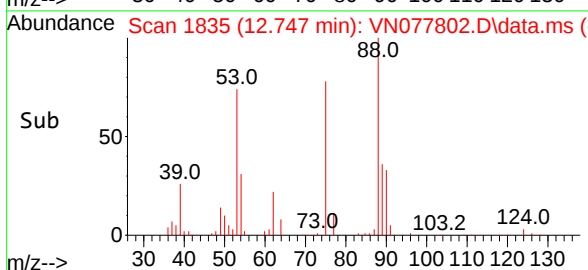
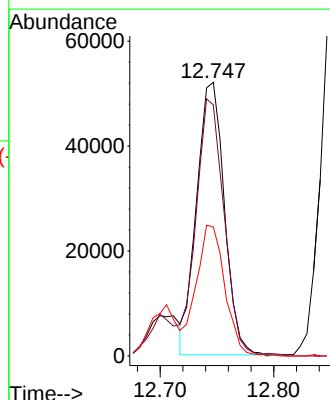
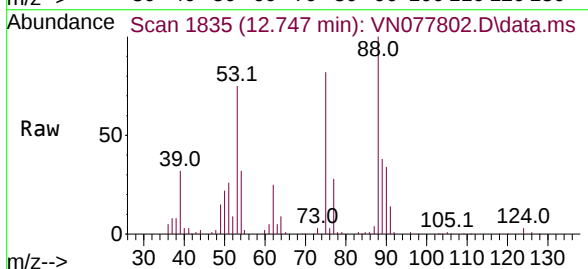
Tgt Ion: 75 Resp: 88045

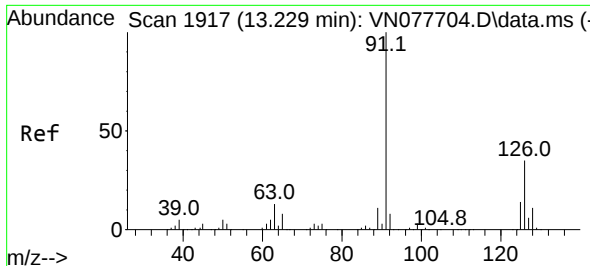
Ion Ratio Lower Upper

75 100

53 97.5 67.4 101.2

89 49.9 38.8 58.2





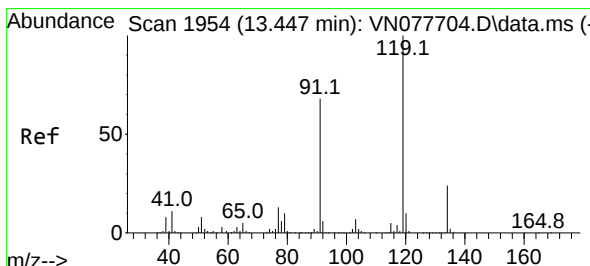
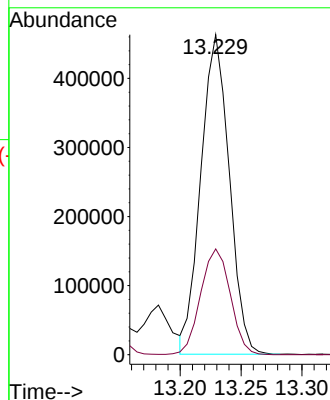
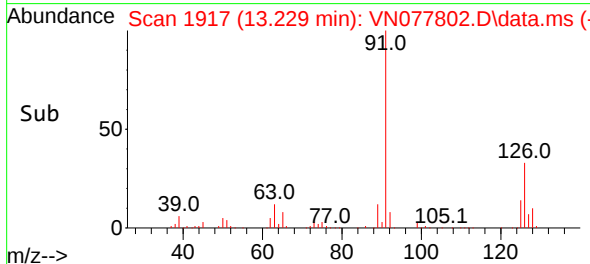
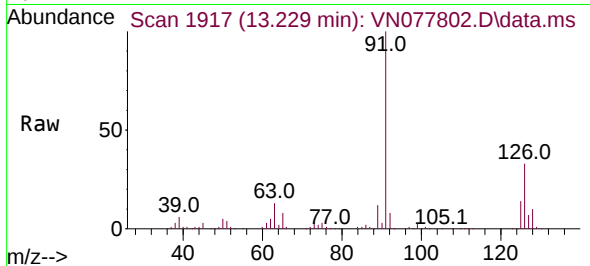
#82
4-Chlorotoluene
Concen: 50.804 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD

Tgt Ion: 91 Resp: 750073
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0

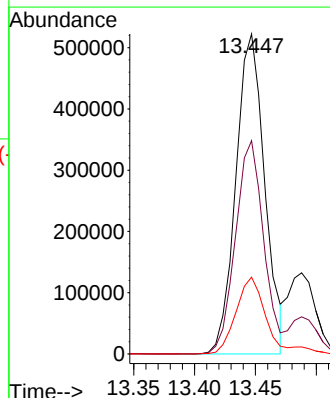
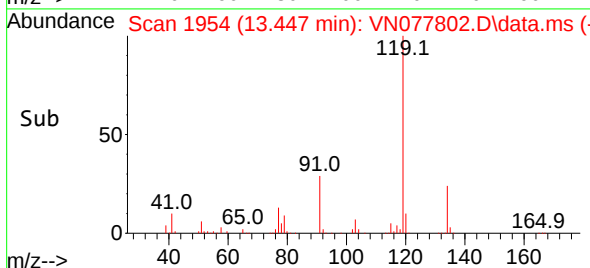
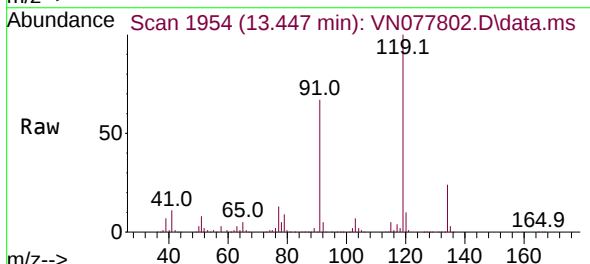
Manual Integrations
APPROVED

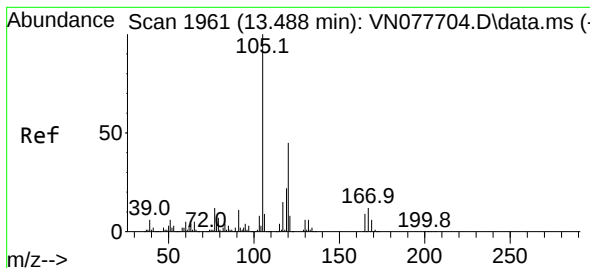
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#83
tert-Butylbenzene
Concen: 55.576 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Tgt Ion:119 Resp: 860112
Ion Ratio Lower Upper
119 100
91 66.7 33.9 101.7
134 25.5 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 55.863 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN077802.D

Acq: 22 May 2023 20:17

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519MSD

Tgt Ion:105 Resp: 973968

Ion Ratio Lower Upper

105 100

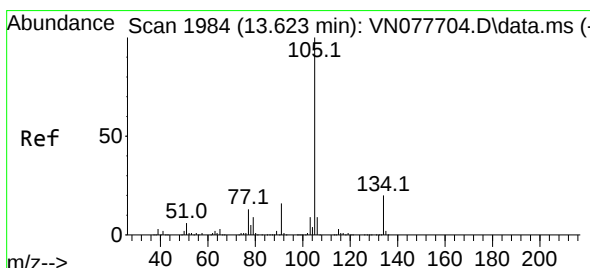
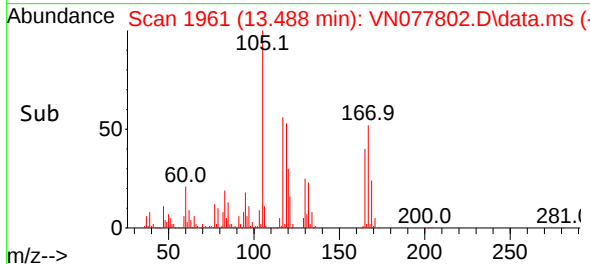
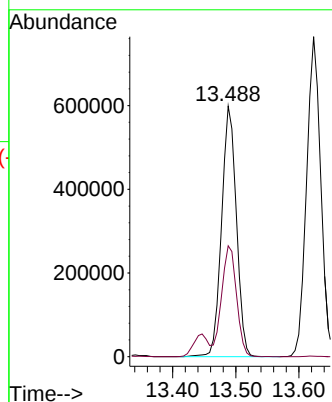
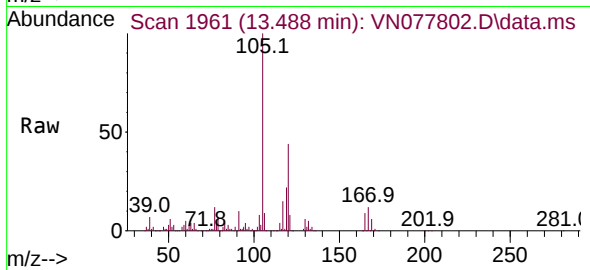
120 45.1 22.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#85

sec-Butylbenzene

Concen: 54.085 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077802.D

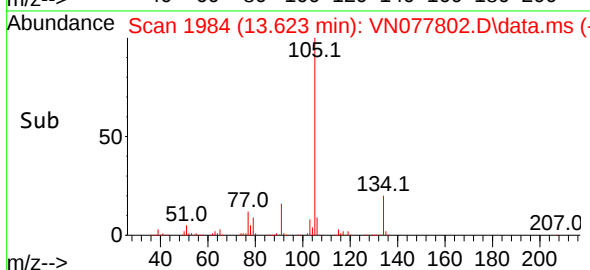
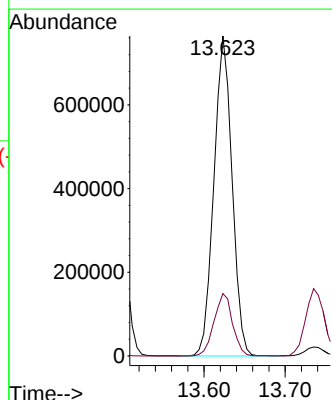
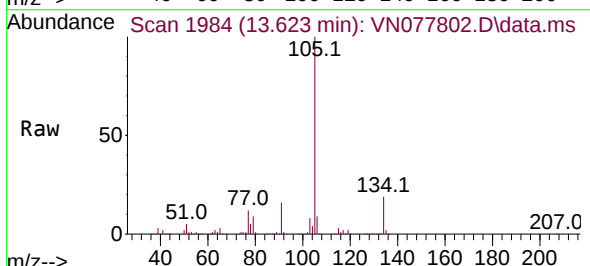
Acq: 22 May 2023 20:17

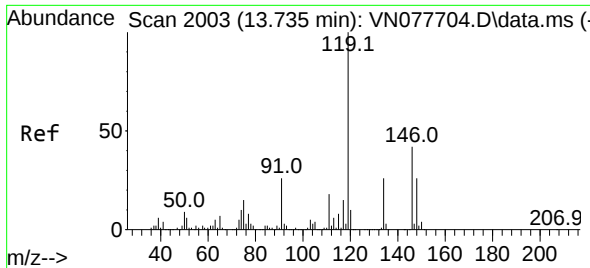
Tgt Ion:105 Resp: 1189577

Ion Ratio Lower Upper

105 100

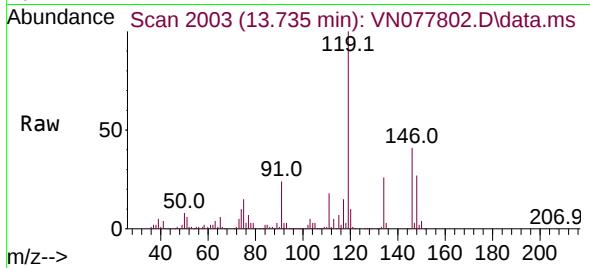
134 19.8 9.8 29.3





#86
p-Isopropyltoluene
Concen: 56.042 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

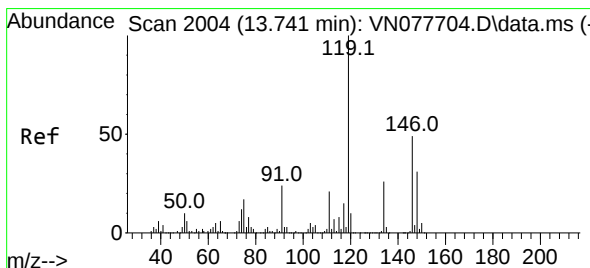
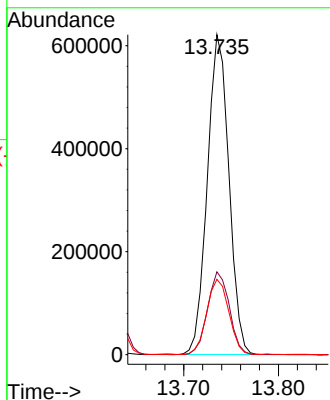
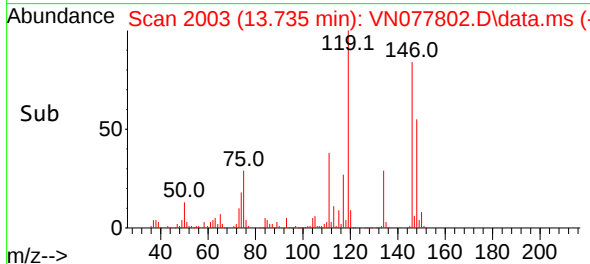
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



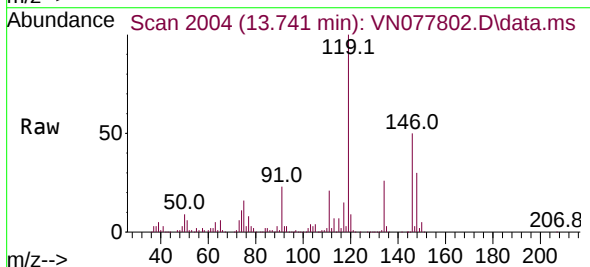
Tgt Ion:119 Resp: 98268
Ion Ratio Lower Upper
119 100
134 26.1 12.6 37.8
91 24.1 12.4 37.2

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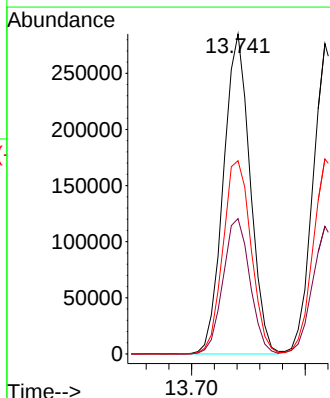
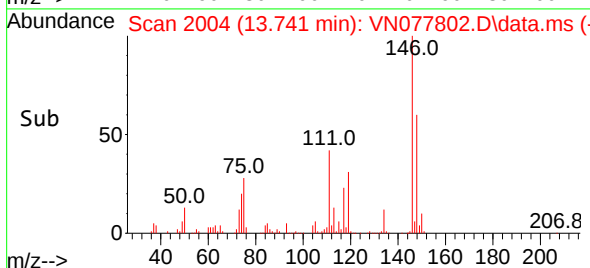
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

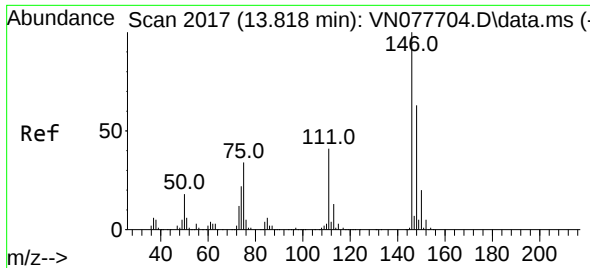


#87
1,3-Dichlorobenzene
Concen: 52.252 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17



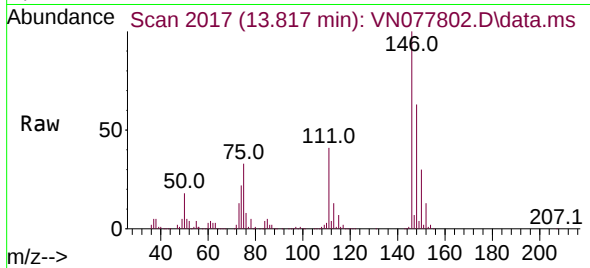
Tgt Ion:146 Resp: 465145
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.3
148 63.6 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 51.863 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

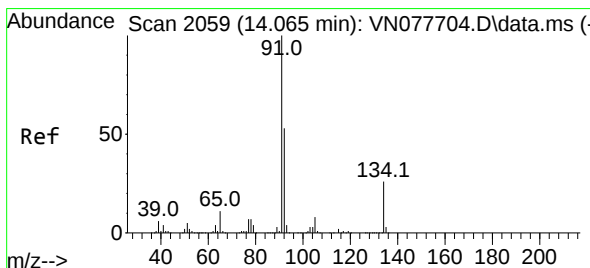
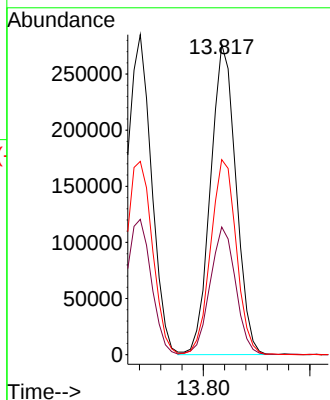
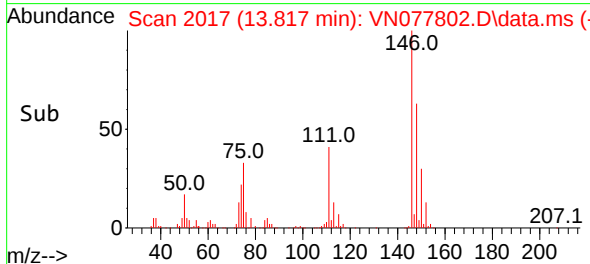
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



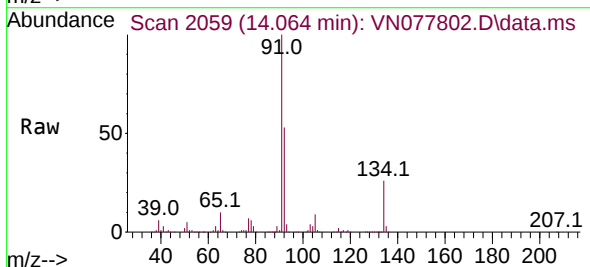
Tgt Ion:146 Resp: 458138
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.8
148 63.2 31.6 94.8

Manual Integrations
APPROVED

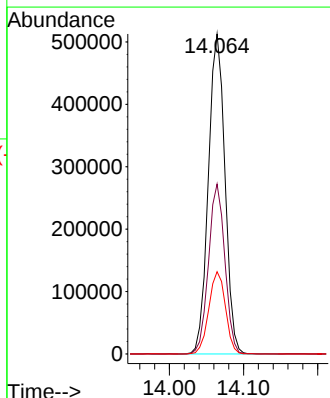
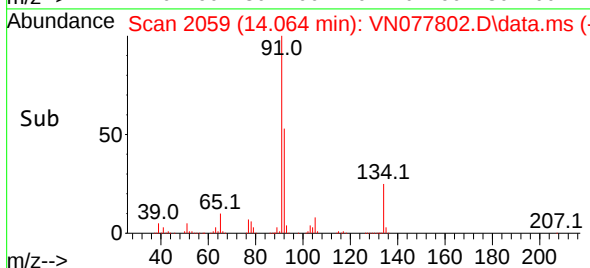
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

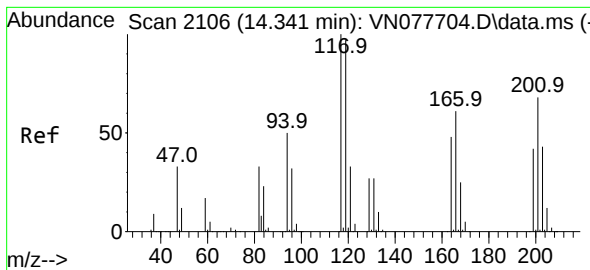


#89
n-Butylbenzene
Concen: 49.382 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17



Tgt Ion: 91 Resp: 796442
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 25.8 12.6 37.6





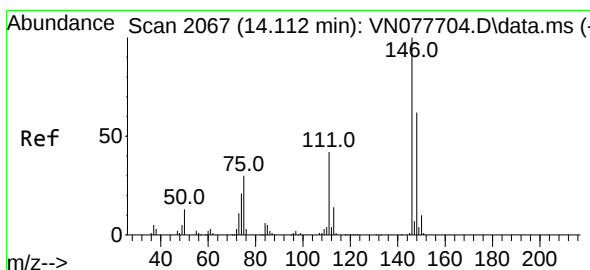
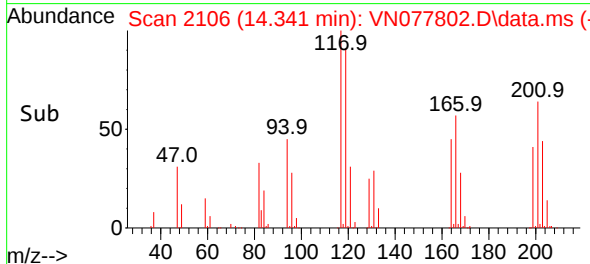
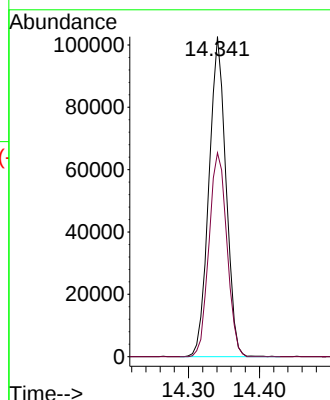
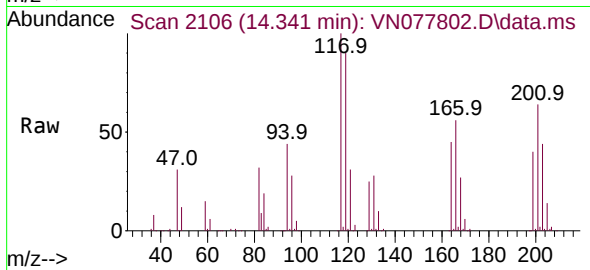
#90
Hexachloroethane
Concen: 59.371 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD

Tgt Ion:117 Resp: 17102
Ion Ratio Lower Upper
117 100
201 67.0 29.3 88.0

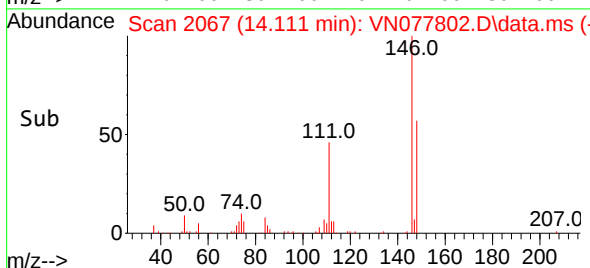
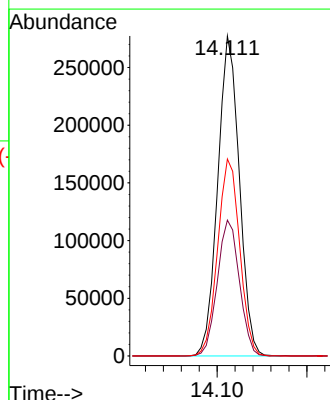
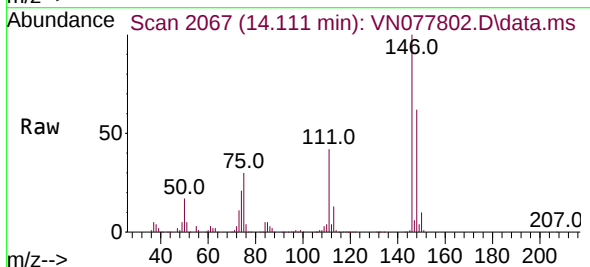
Manual Integrations
APPROVED

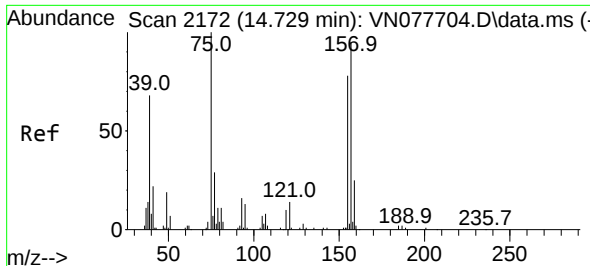
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#91
1,2-Dichlorobenzene
Concen: 55.718 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

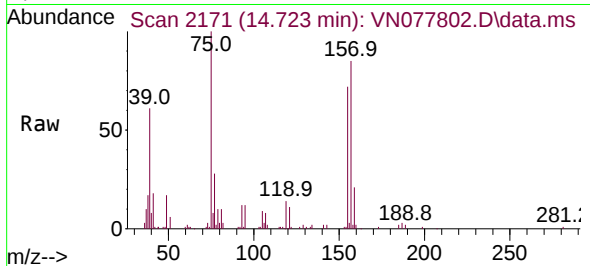
Tgt Ion:146 Resp: 463361
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 62.7 31.8 95.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 47.832 ug/l
RT: 14.723 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

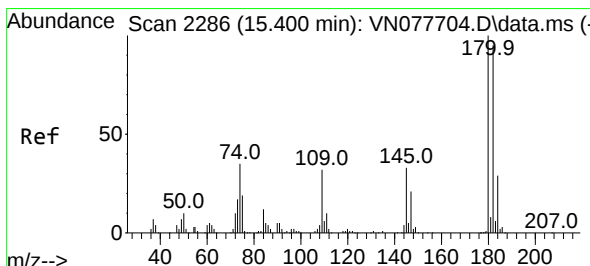
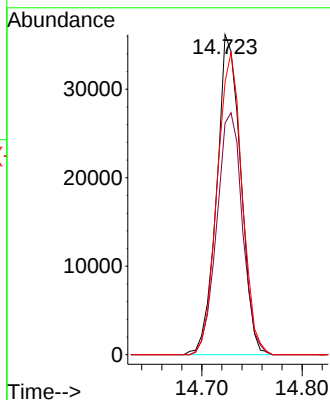
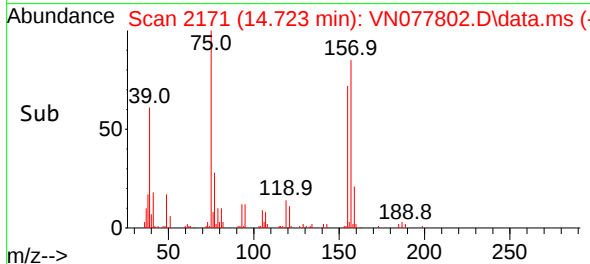
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



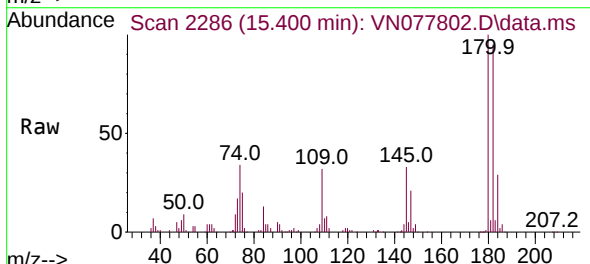
Tgt Ion: 75 Resp: 6009
Ion Ratio Lower Upper
75 100
155 80.8 39.1 117.2
157 97.9 50.3 150.9

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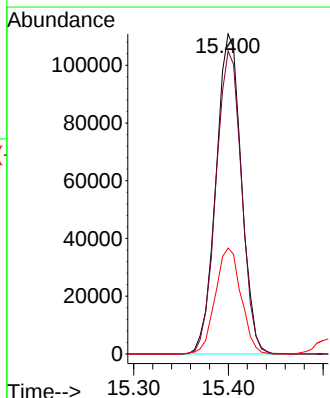
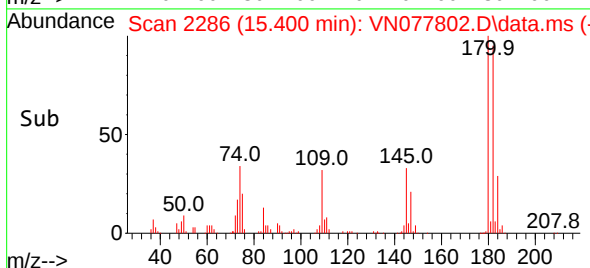
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

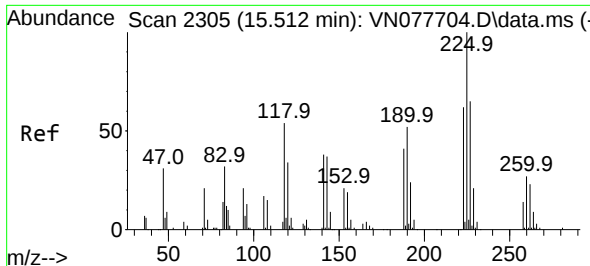


#93
1,2,4-Trichlorobenzene
Concen: 42.497 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17



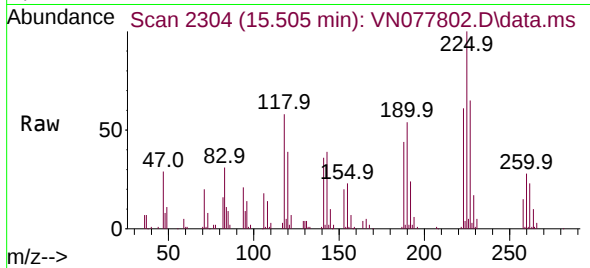
Tgt Ion:180 Resp: 206525
Ion Ratio Lower Upper
180 100
182 95.2 46.1 138.2
145 33.5 16.6 49.8





#94
Hexachlorobutadiene
Concen: 50.721 ug/l
RT: 15.505 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

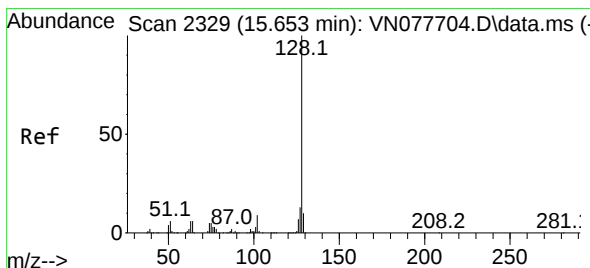
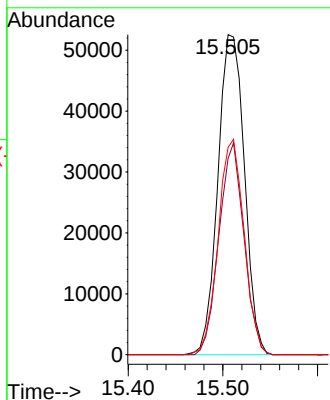
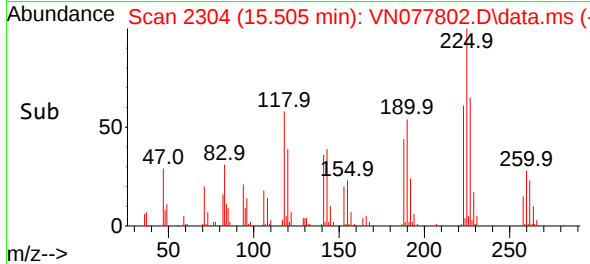
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519MSD



Tgt Ion:225 Resp: 102344
Ion Ratio Lower Upper
225 100
223 62.4 31.3 93.8
227 65.6 31.9 95.9

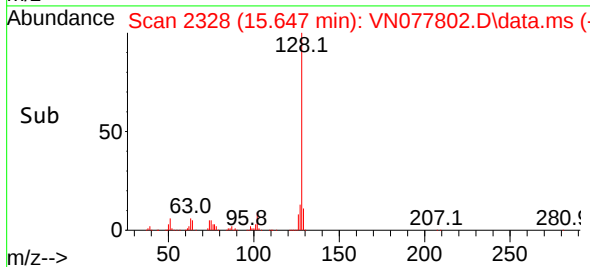
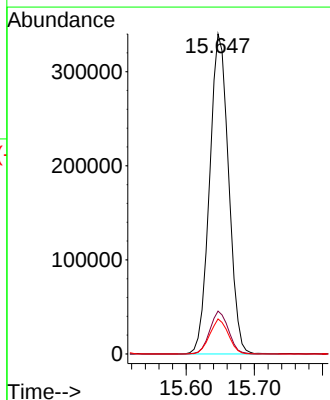
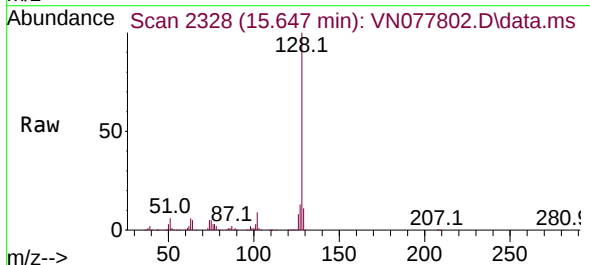
Manual Integrations
APPROVED

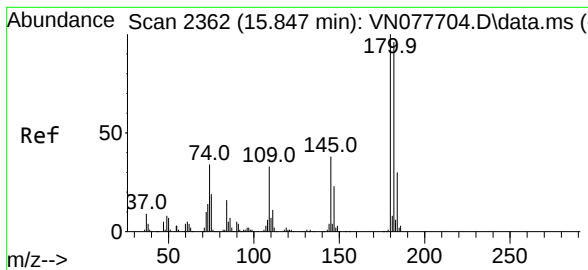
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#95
Naphthalene
Concen: 39.447 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077802.D
Acq: 22 May 2023 20:17

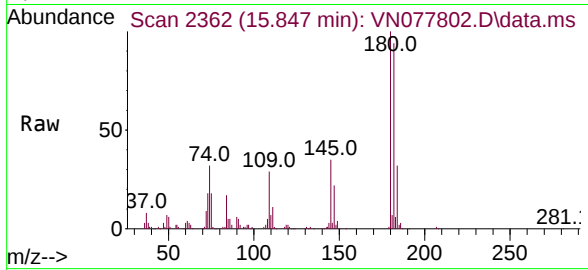
Tgt Ion:128 Resp: 659858
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 45.119 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077802.D
 Acq: 22 May 2023 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230519MSD



Tgt Ion:180	Resp:	21468
Ion Ratio	Lower	Upper
180	100	
182	95.4	46.2 138.6
145	34.3	17.5 52.6

Manual Integrations
 APPROVED

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

