

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077805.D
 Acq On : 23 May 2023 10:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 24 02:52:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	388821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	688541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	619998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	269759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	266927	45.881	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.760%		
35) Dibromofluoromethane	8.171	113	226148	50.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.740%		
50) Toluene-d8	10.571	98	824284	47.696	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.400%		
62) 4-Bromofluorobenzene	12.859	95	284453	46.604	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	200961	45.415	ug/l	99
3) Chloromethane	2.371	50	204886	43.435	ug/l	99
4) Vinyl Chloride	2.524	62	254188	45.561	ug/l	96
5) Bromomethane	2.953	94	194476	47.132	ug/l	99
6) Chloroethane	3.124	64	177665	44.188	ug/l	99
7) Trichlorofluoromethane	3.501	101	381592	49.079	ug/l	99
8) Diethyl Ether	3.971	74	146404	51.579	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	215726	50.136	ug/l	97
10) Methyl Iodide	4.600	142	288149	56.153	ug/l	98
11) Tert butyl alcohol	5.536	59	200203	249.348	ug/l	100
12) 1,1-Dichloroethene	4.353	96	194931	47.666	ug/l	91
13) Acrolein	4.189	56	149007	304.585	ug/l	97
14) Allyl chloride	5.036	41	268222	44.646	ug/l	93
15) Acrylonitrile	5.730	53	532138	248.076	ug/l	100
16) Acetone	4.436	43	467523	255.429	ug/l	97
17) Carbon Disulfide	4.718	76	437241	39.681	ug/l	97
18) Methyl Acetate	5.036	43	381927	49.739	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	767410	51.843	ug/l	95
20) Methylene Chloride	5.283	84	252012	53.018	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	215842	46.986	ug/l	89
22) Diisopropyl ether	6.683	45	708030	50.280	ug/l	94
23) Vinyl Acetate	6.612	43	2091333	239.702	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	432398	50.121	ug/l	97
25) 2-Butanone	7.488	43	695762	243.001	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	372503	50.824	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	281625	51.129	ug/l	94
28) Bromochloromethane	7.818	49	186346	49.945	ug/l	94
29) Tetrahydrofuran	7.847	42	429639	229.164	ug/l	86
30) Chloroform	7.971	83	483252	50.922	ug/l	95
31) Cyclohexane	8.265	56	338811	42.849	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	410445	50.870	ug/l	99
36) 1,1-Dichloropropene	8.377	75	327783	49.912	ug/l	97
37) Ethyl Acetate	7.571	43	275316	47.035	ug/l	93
38) Carbon Tetrachloride	8.371	117	361735	54.548	ug/l	98
39) Methylcyclohexane	9.606	83	390495	48.570	ug/l	93
40) Benzene	8.612	78	1000082	51.605	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	151573	48.624	ug/l	93
42) 1,2-Dichloroethane	8.677	62	364940	51.840	ug/l	97
43) Isopropyl Acetate	8.694	43	482439	50.460	ug/l	96
44) Trichloroethene	9.359	130	263630	53.725	ug/l	100
45) 1,2-Dichloropropane	9.630	63	265498	53.710	ug/l	100
46) Dibromomethane	9.712	93	191802	54.225	ug/l	95
47) Bromodichloromethane	9.894	83	380204	56.144	ug/l	96
48) Methyl methacrylate	9.688	41	226212	49.903	ug/l	89
49) 1,4-Dioxane	9.700	88	93493	1092.001	ug/l	91
51) 4-Methyl-2-Pentanone	10.453	43	1443072	253.923	ug/l	94
52) Toluene	10.635	92	643618	53.347	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	405680	56.570	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	431442	54.594	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	267937	55.932	ug/l	96
56) Ethyl methacrylate	10.882	69	390593	53.926	ug/l	91
57) 1,3-Dichloropropane	11.171	76	450258	54.827	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	890039	249.778	ug/l	94
59) 2-Hexanone	11.200	43	1024064	243.618	ug/l	94
60) Dibromochloromethane	11.365	129	297638	60.185	ug/l	99
61) 1,2-Dibromoethane	11.476	107	272565	57.034	ug/l	98
64) Tetrachloroethene	11.112	164	254123	58.610	ug/l	98
65) Chlorobenzene	11.900	112	710223	52.841	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	272874	58.674	ug/l	96
67) Ethyl Benzene	11.971	91	1245729	51.719	ug/l	100
68) m/p-Xylenes	12.076	106	962448	105.455	ug/l	99
69) o-Xylene	12.406	106	480694	53.556	ug/l	99
70) Styrene	12.418	104	776394	54.452	ug/l	98
71) Bromoform	12.588	173	190032	61.424	ug/l #	99
73) Isopropylbenzene	12.700	105	1251110	53.804	ug/l	100
74) N-amyl acetate	12.500	43	391842	45.589	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	360010	50.326	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	308477m	45.662	ug/l	
77) Bromobenzene	12.988	156	281095	52.971	ug/l	97
78) n-propylbenzene	13.041	91	1429891	52.159	ug/l	100
79) 2-Chlorotoluene	13.129	91	852234	52.097	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	1065056	54.497	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	109330	51.730	ug/l #	84
82) 4-Chlorotoluene	13.229	91	815026	50.075	ug/l	96
83) tert-Butylbenzene	13.447	119	919604	53.900	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1050739	54.667	ug/l	98
85) sec-Butylbenzene	13.623	105	1311957	54.108	ug/l	99
86) p-Isopropyltoluene	13.735	119	1088443	56.307	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	526126	53.612	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	506646	52.026	ug/l	99
89) n-Butylbenzene	14.065	91	907486	51.040	ug/l	98
90) Hexachloroethane	14.341	117	189188	59.576	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	516580	56.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62086	44.829	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	249289	46.530	ug/l	97
94) Hexachlorobutadiene	15.506	225	125796	56.552	ug/l	98
95) Naphthalene	15.647	128	748692	40.600	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	256301	48.861	ug/l	98

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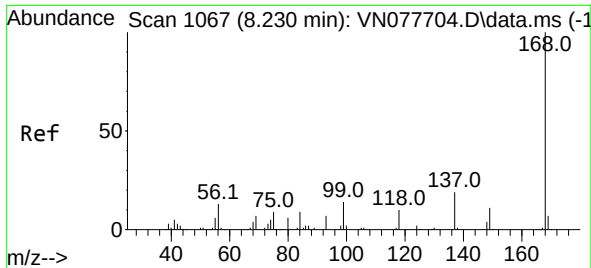
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 24 02:52:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

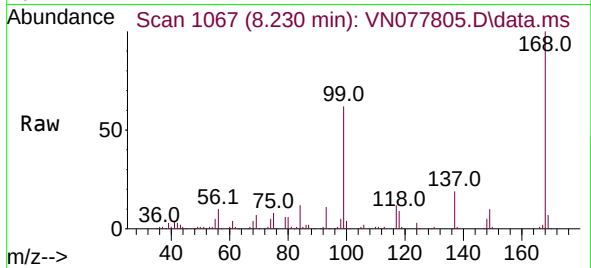
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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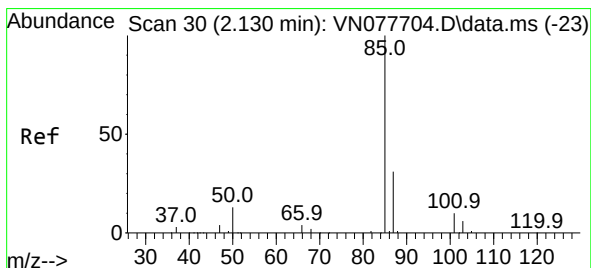
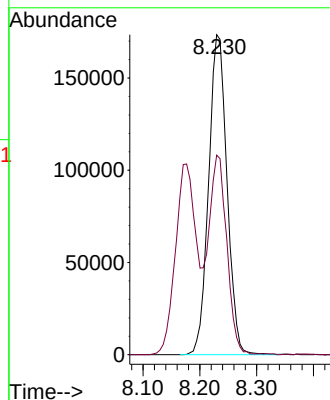
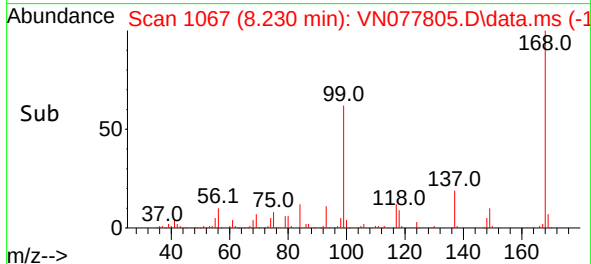
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 38882
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6

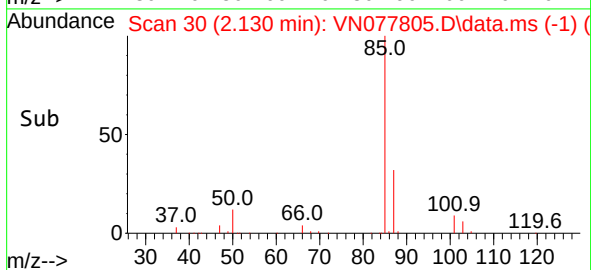
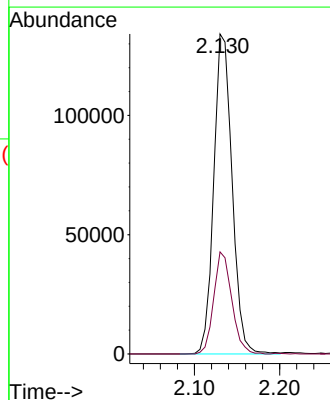
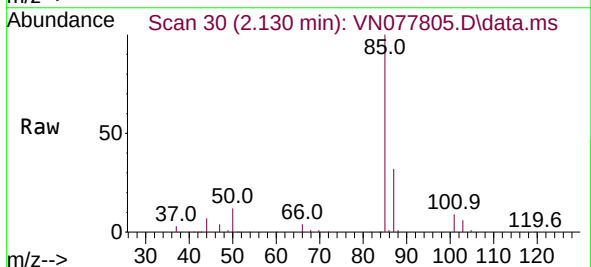
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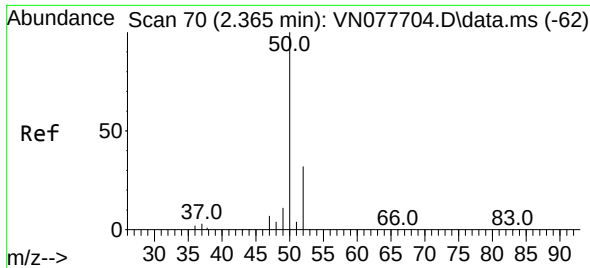
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#2
Dichlorodifluoromethane
Concen: 45.415 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

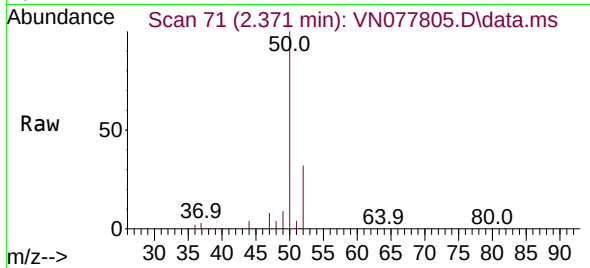
Tgt Ion: 85 Resp: 200961
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.4





#3
Chloromethane
Concen: 43.435 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

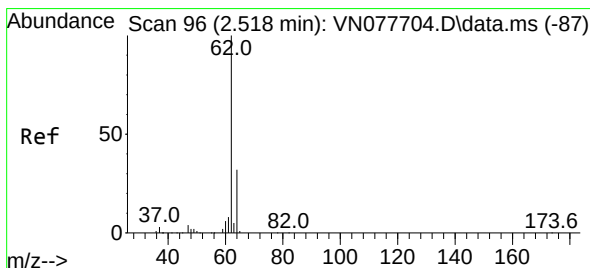
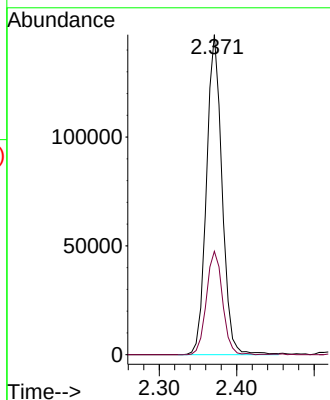
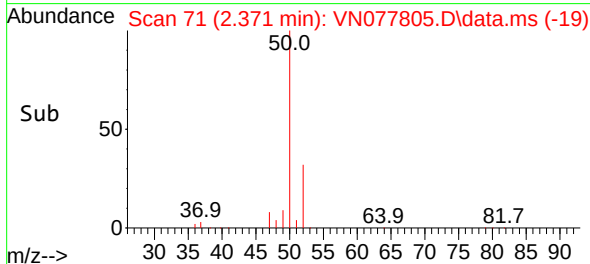
Instrument :
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Tgt Ion: 50 Resp: 204880
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

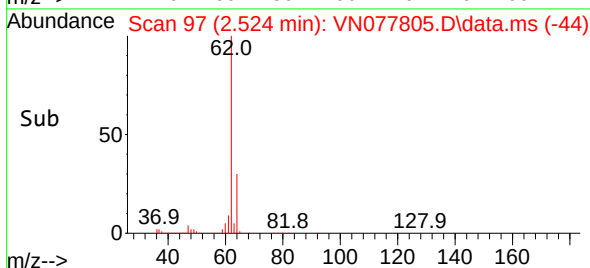
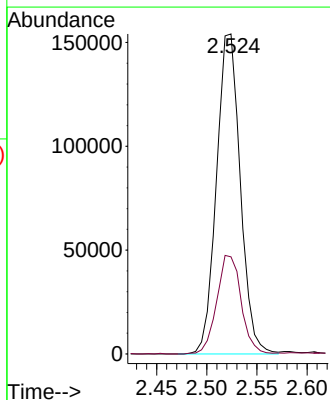
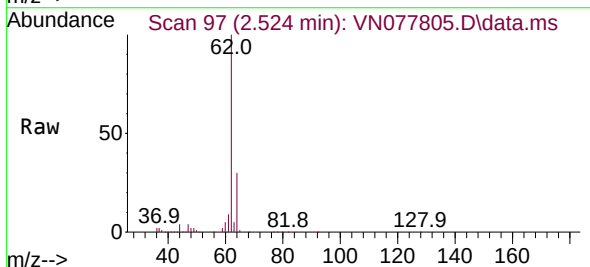
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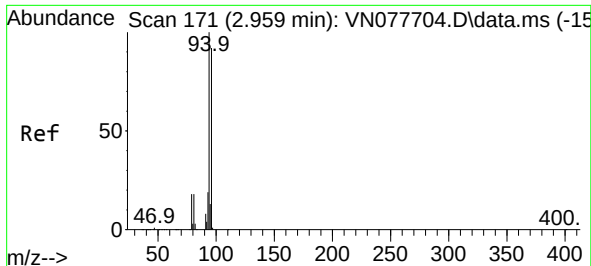
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 45.561 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

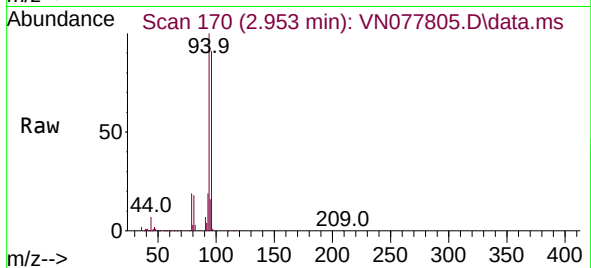
Tgt Ion: 62 Resp: 254188
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.2





#5
Bromomethane
Concen: 47.132 ug/l
RT: 2.953 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

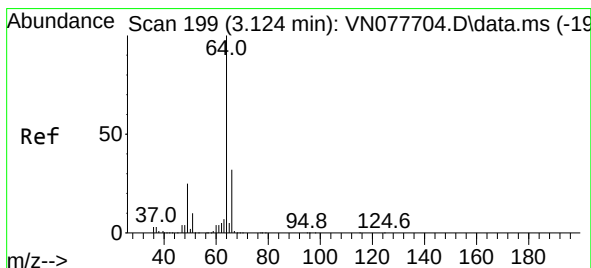
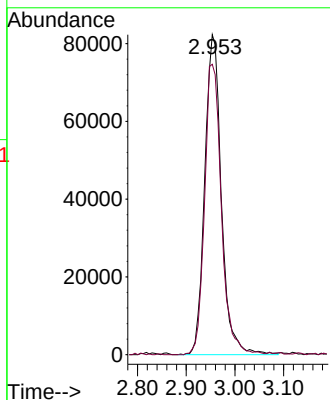
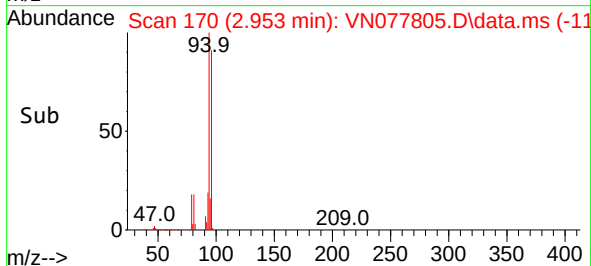
Instrument :
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Tgt Ion: 94 Resp: 194470
Ion Ratio Lower Upper
94 100
96 90.8 73.1 109.7

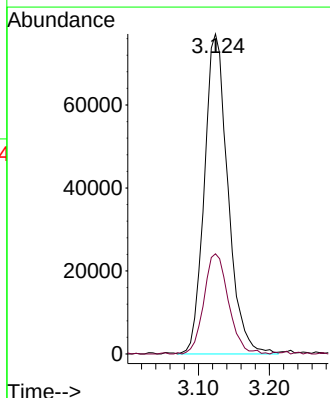
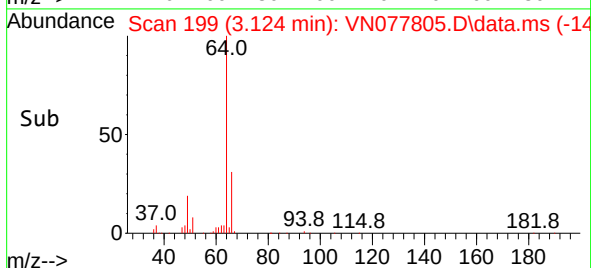
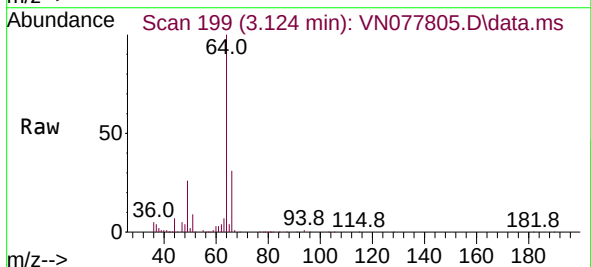
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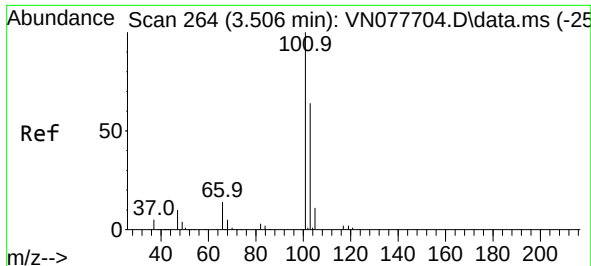
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#6
Chloroethane
Concen: 44.188 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077805.D
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Tgt Ion: 64 Resp: 177665
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2





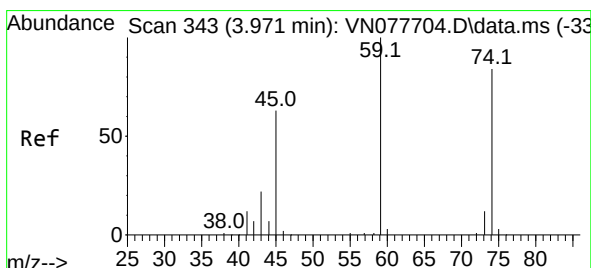
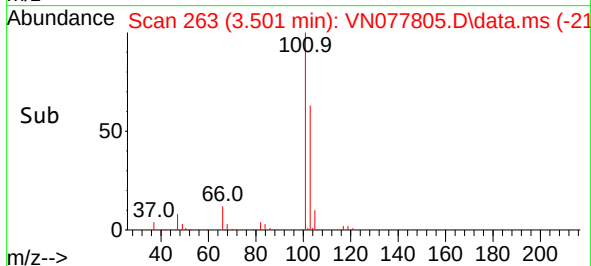
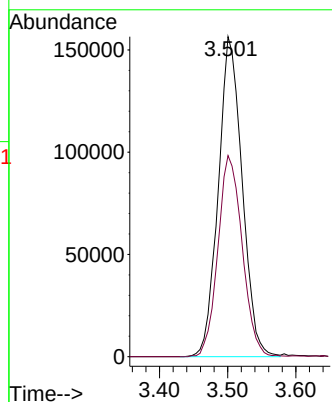
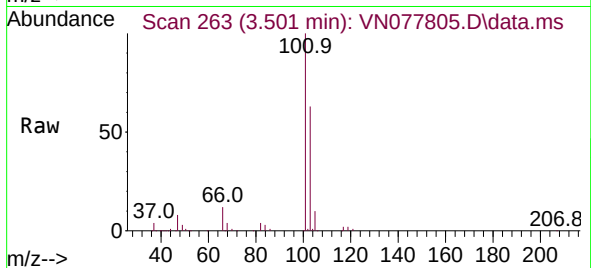
#7
Trichlorofluoromethane
Concen: 49.079 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.001 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 381592
Ion Ratio Lower Upper
101 100
103 62.8 50.7 76.1

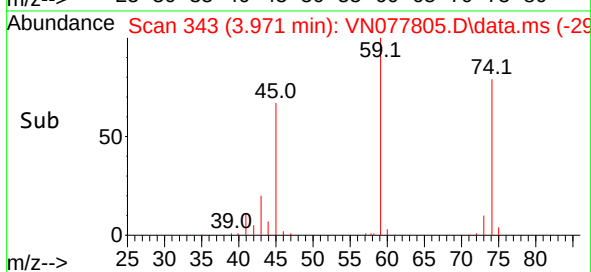
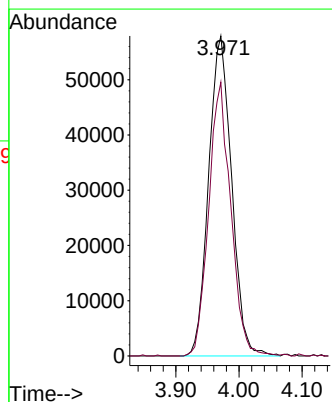
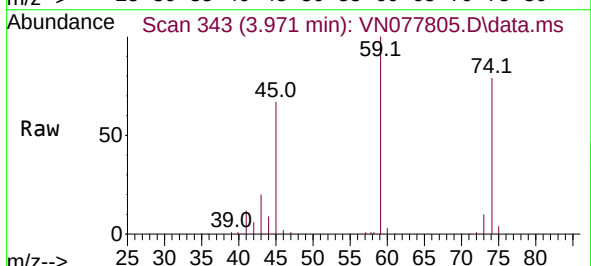
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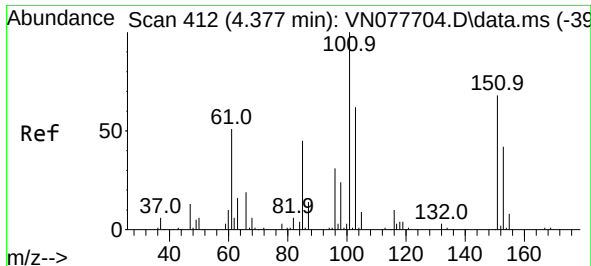
Reviewed By :John Carlone 05/25/2023
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#8
Diethyl Ether
Concen: 51.579 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
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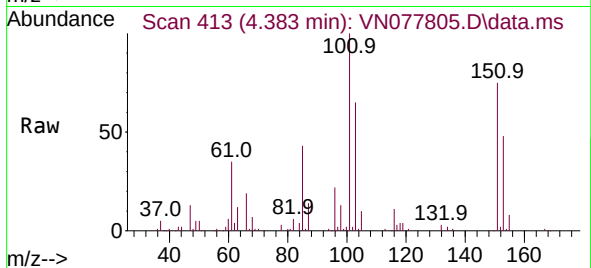
Tgt Ion: 74 Resp: 146404
Ion Ratio Lower Upper
74 100
45 82.1 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.136 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
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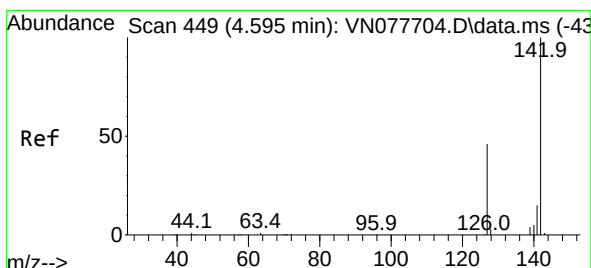
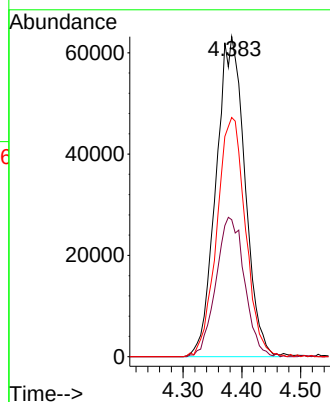
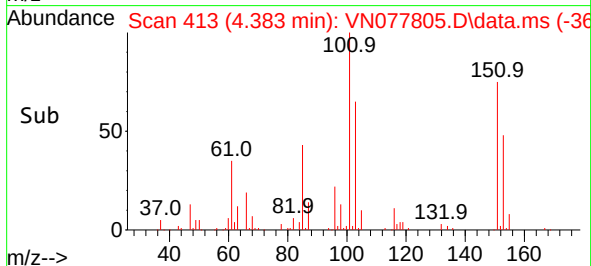
Instrument :
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ClientSampleId :
VSTDCCC050



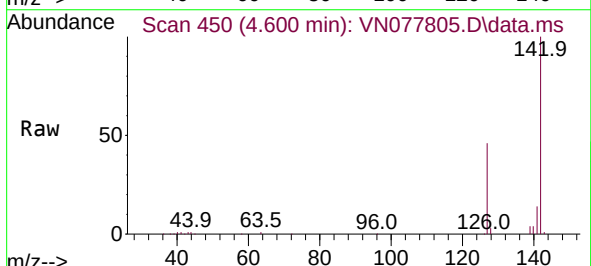
Tgt Ion:101 Resp: 215720
Ion Ratio Lower Upper
101 100
85 42.9 36.6 55.0
151 74.1 57.6 86.4

Manual Integrations
APPROVED

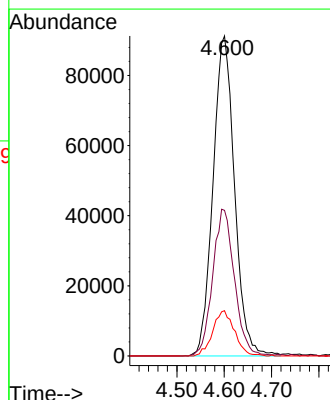
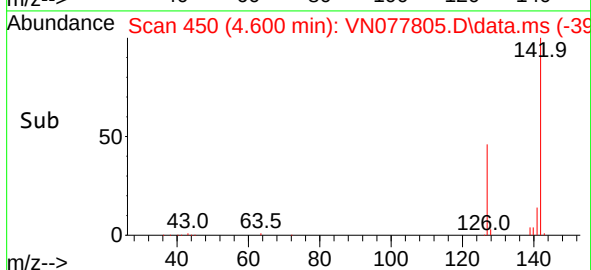
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

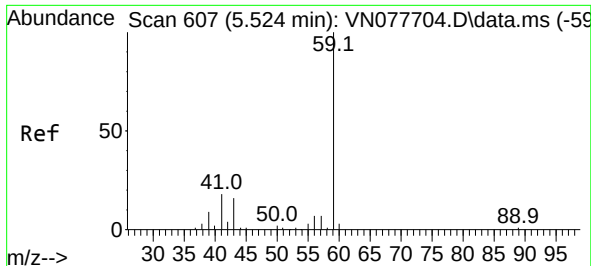


#10
Methyl Iodide
Concen: 56.153 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24



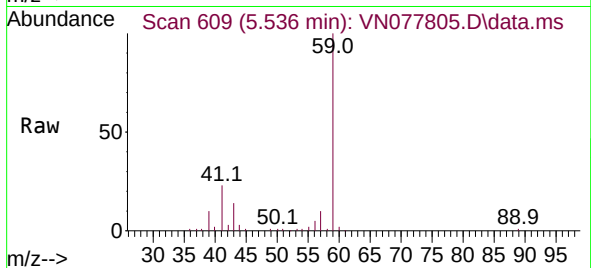
Tgt Ion:142 Resp: 288149
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 249.348 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

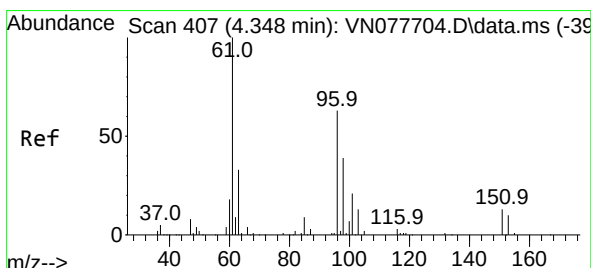
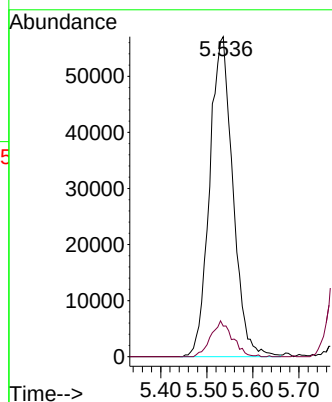
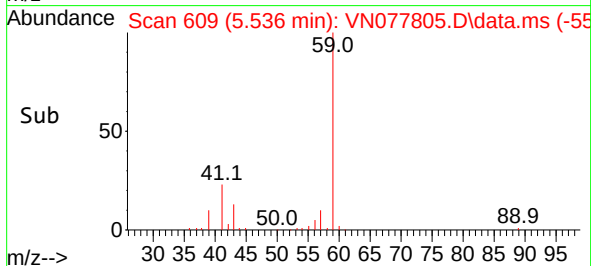
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 20020
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

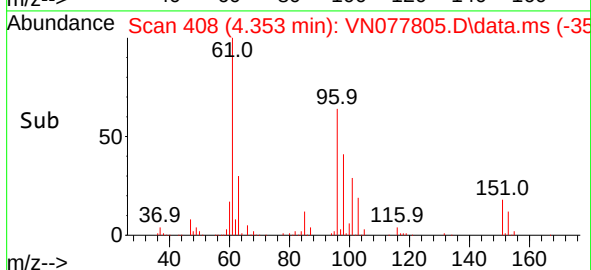
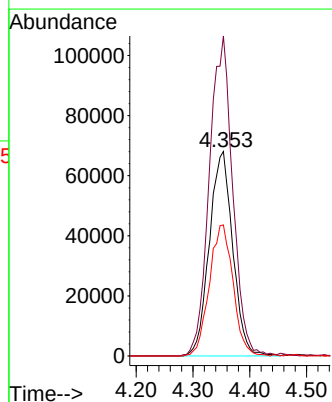
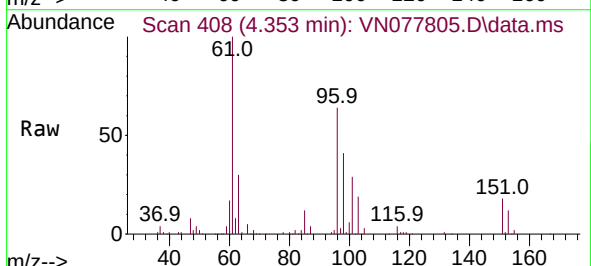
Manual Integrations
APPROVED

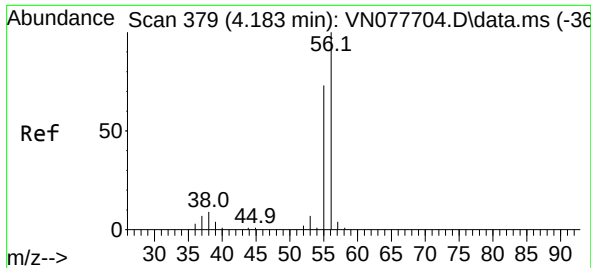
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#12
1,1-Dichloroethene
Concen: 47.666 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

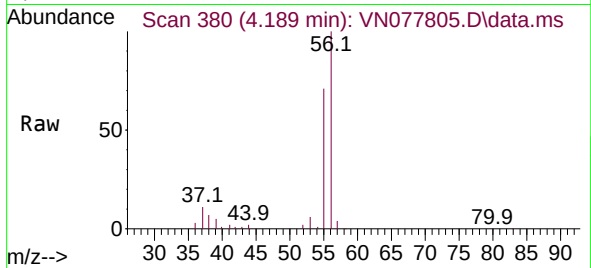
Tgt Ion: 96 Resp: 194931
Ion Ratio Lower Upper
96 100
61 156.4 112.7 169.1
98 64.1 51.2 76.8





#13
Acrolein
Concen: 304.585 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

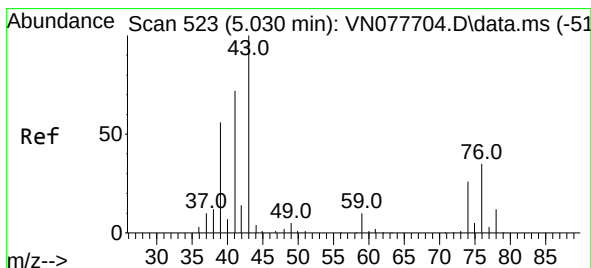
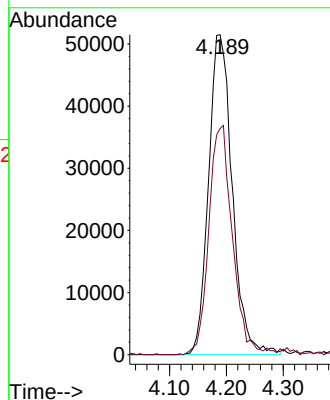
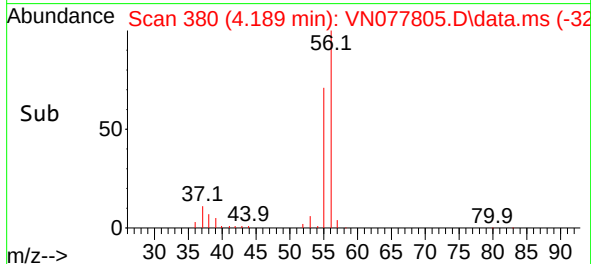
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



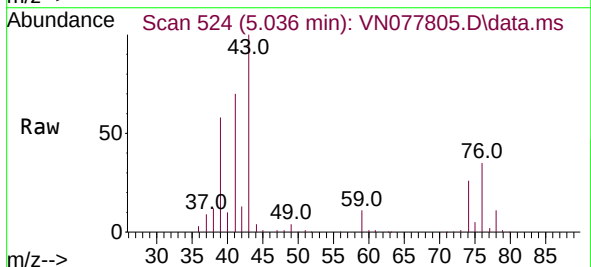
Tgt Ion: 56 Resp: 14900
Ion Ratio Lower Upper
56 100
55 70.6 54.5 81.7

Manual Integrations
APPROVED

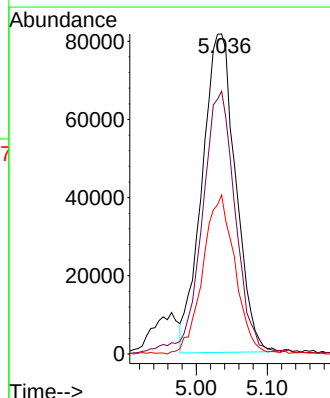
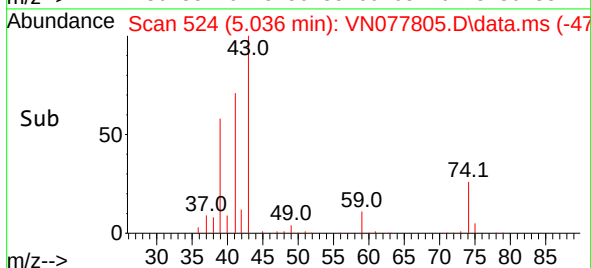
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

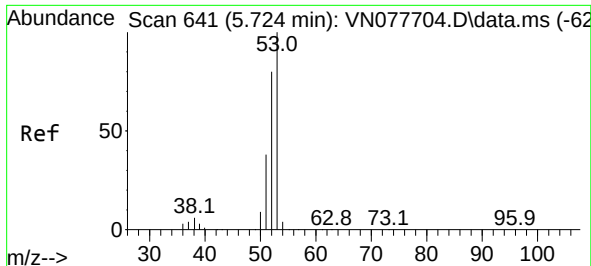


#14
Allyl chloride
Concen: 44.646 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24



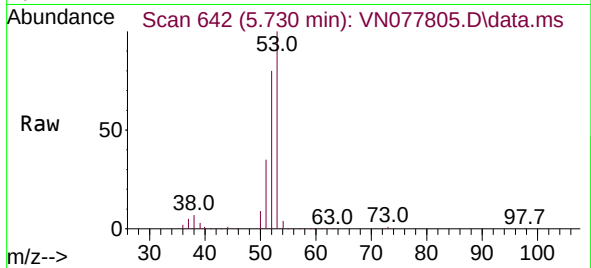
Tgt Ion: 41 Resp: 268222
Ion Ratio Lower Upper
41 100
39 82.5 58.8 88.2
76 47.7 39.1 58.7





#15
Acrylonitrile
Concen: 248.076 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

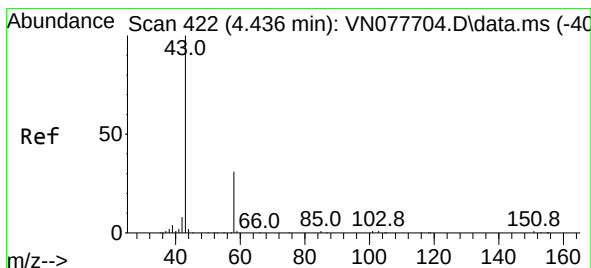
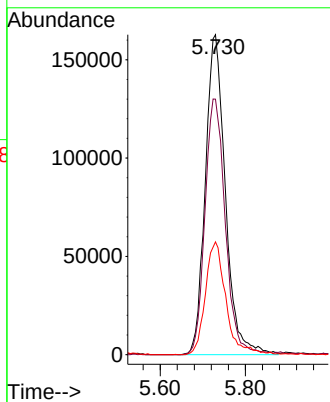
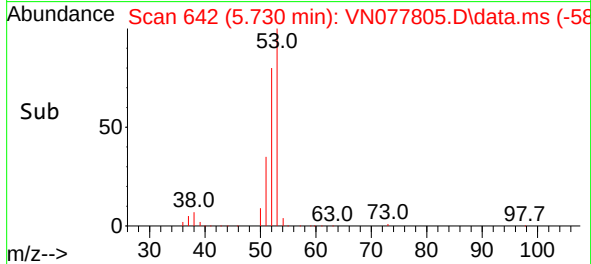
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



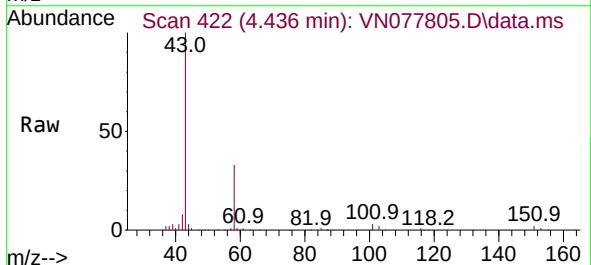
Tgt Ion: 53 Resp: 532138
Ion Ratio Lower Upper
53 100
52 81.2 65.3 97.9
51 36.1 28.9 43.3

Manual Integrations
APPROVED

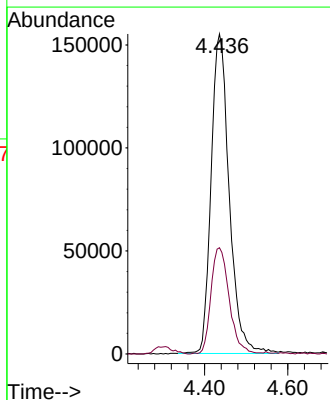
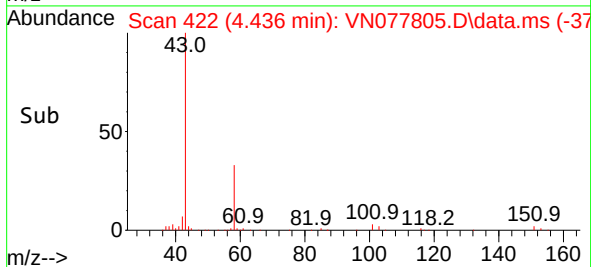
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

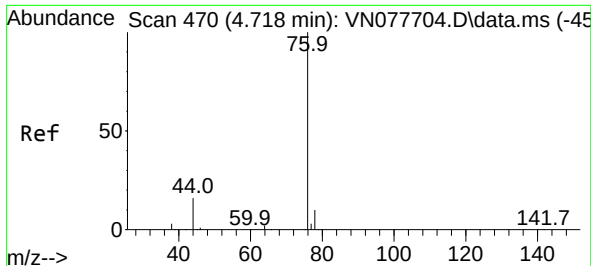


#16
Acetone
Concen: 255.429 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24



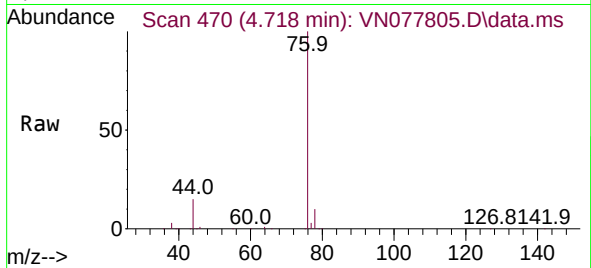
Tgt Ion: 43 Resp: 467523
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0





#17
Carbon Disulfide
Concen: 39.681 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

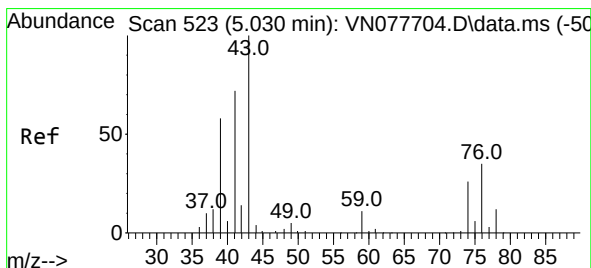
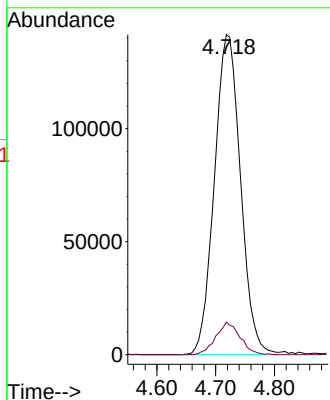
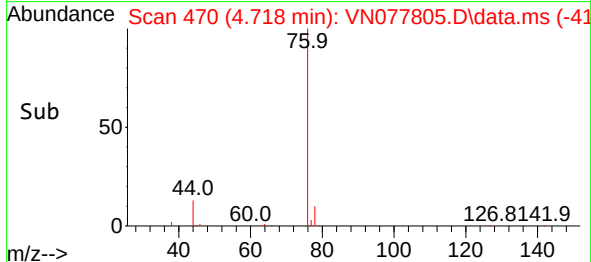
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



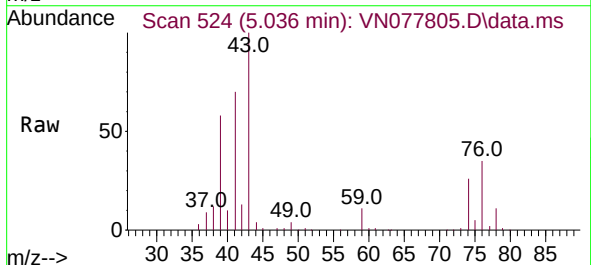
Tgt Ion: 76 Resp: 43724
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

Manual Integrations
APPROVED

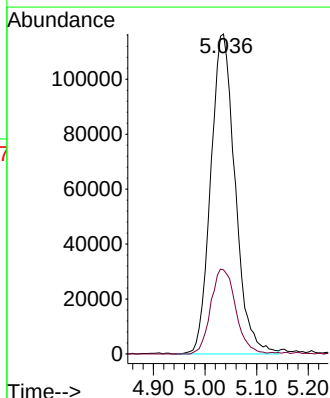
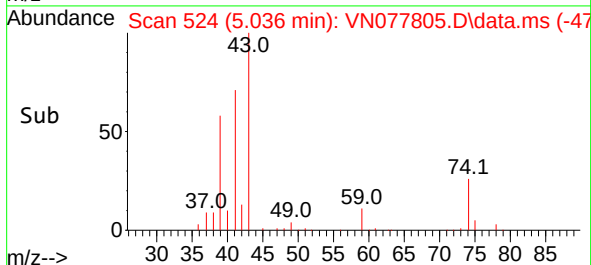
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

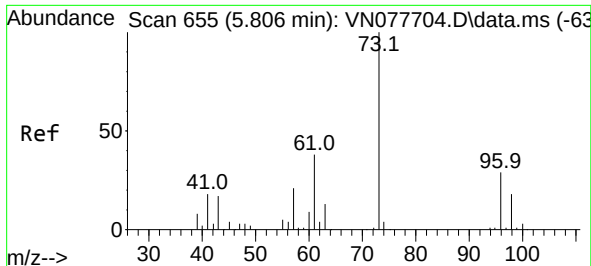


#18
Methyl Acetate
Concen: 49.739 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24



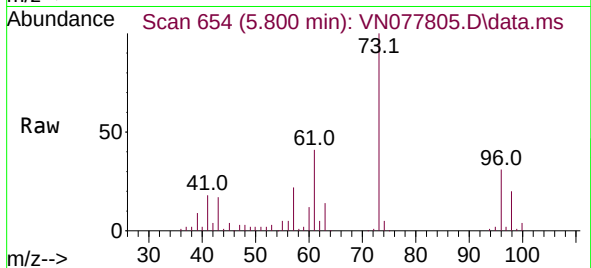
Tgt Ion: 43 Resp: 381927
Ion Ratio Lower Upper
43 100
74 27.0 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 51.843 ug/l
RT: 5.800 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

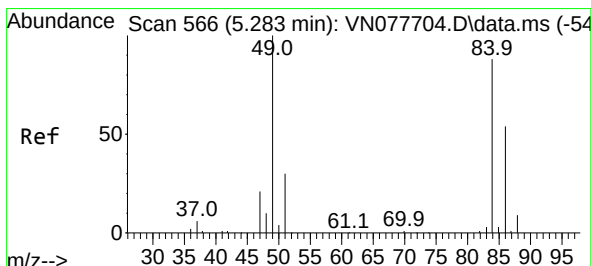
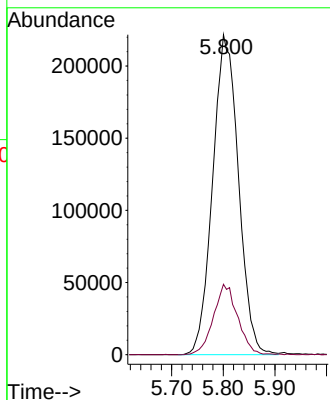
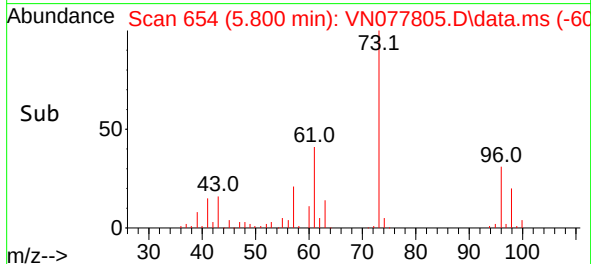
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 767410
Ion Ratio Lower Upper
73 100
57 22.0 15.6 23.4

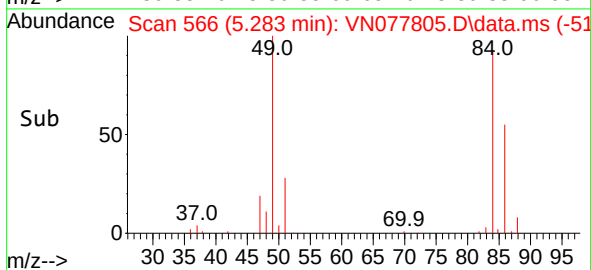
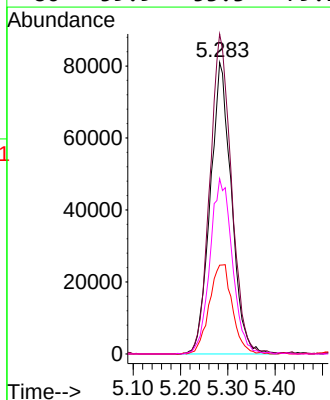
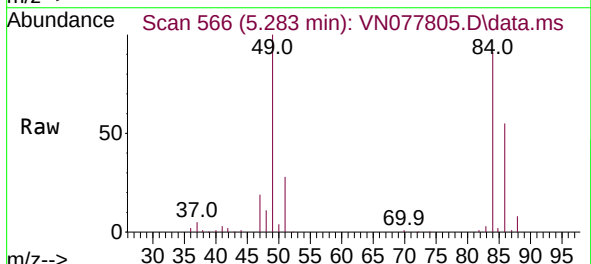
Manual Integrations
APPROVED

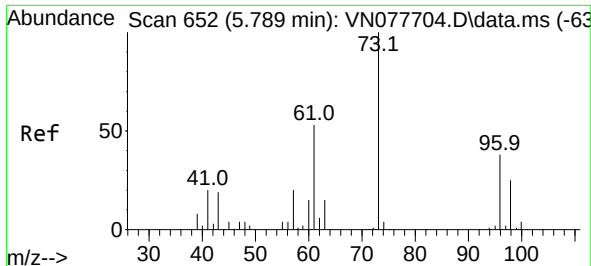
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Methylene Chloride
Concen: 53.018 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

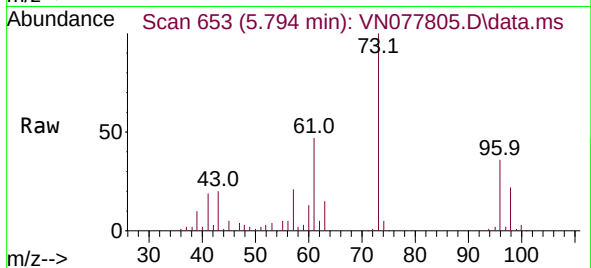
Tgt Ion: 84 Resp: 252012
Ion Ratio Lower Upper
84 100
49 109.8 79.7 119.5
51 30.5 25.2 37.8
86 59.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.986 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

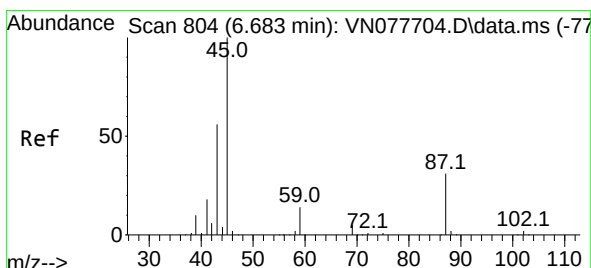
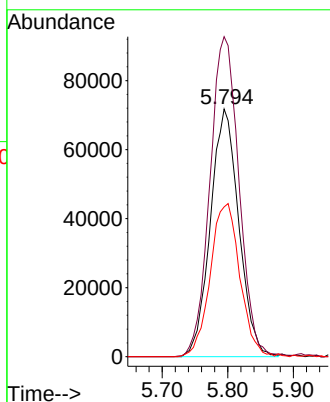
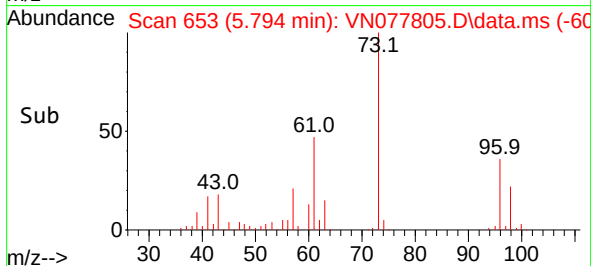
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 21584
Ion Ratio Lower Upper
96 100
61 128.9 90.1 135.1
98 60.5 46.4 69.6

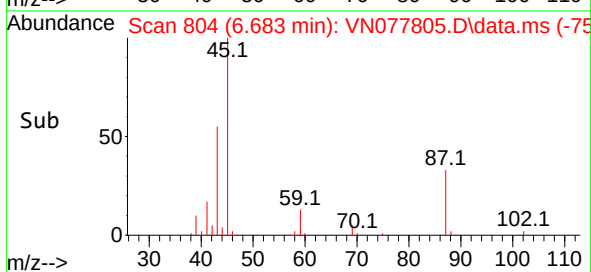
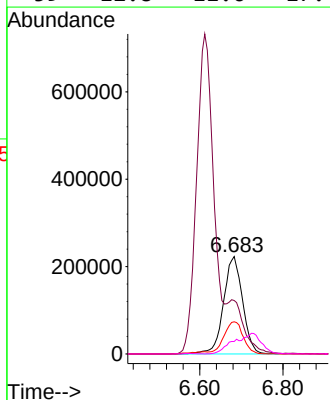
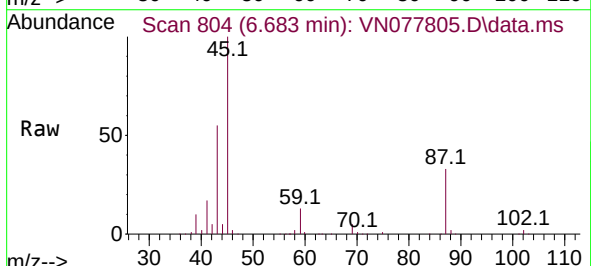
Manual Integrations
APPROVED

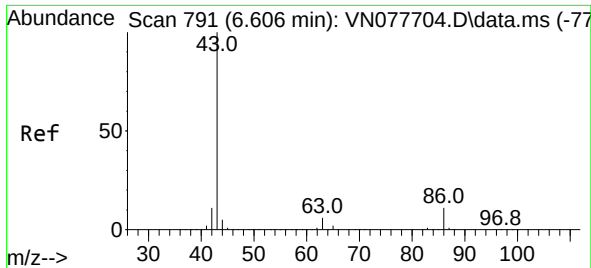
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#22
Diisopropyl ether
Concen: 50.280 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

Tgt Ion: 45 Resp: 708030
Ion Ratio Lower Upper
45 100
43 54.3 45.5 68.3
87 33.0 31.8 47.8
59 12.8 11.6 17.4





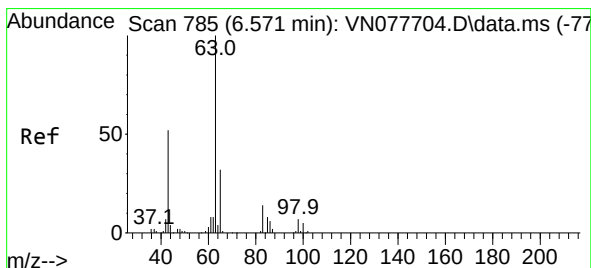
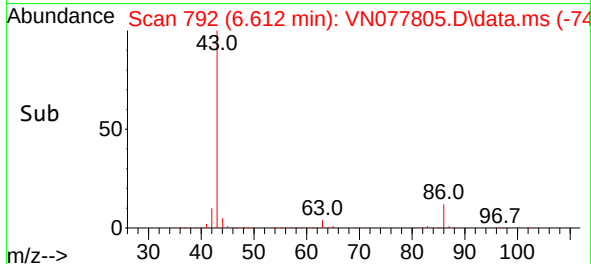
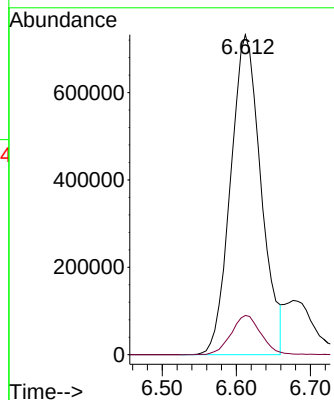
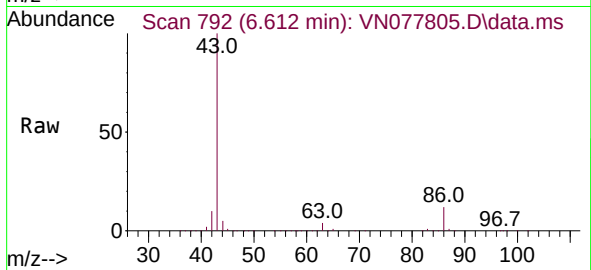
#23
 Vinyl Acetate
 Concen: 239.702 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN077805.D
 Acq: 23 May 2023 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 209133
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

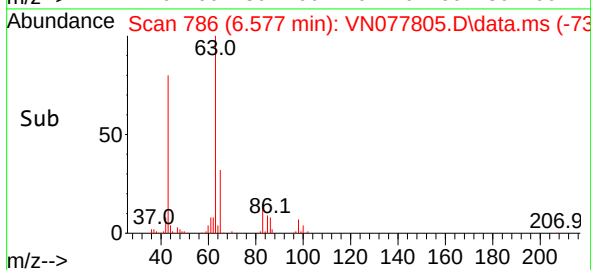
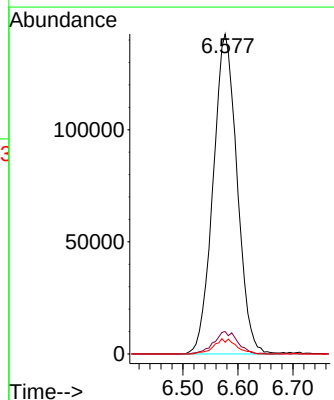
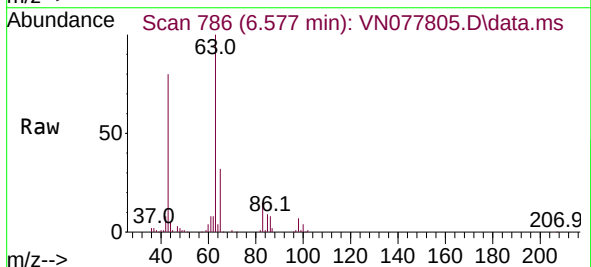
Manual Integrations
 APPROVED

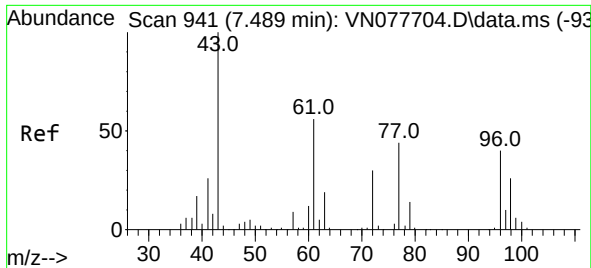
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#24
 1,1-Dichloroethane
 Concen: 50.121 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077805.D
 Acq: 23 May 2023 10:24

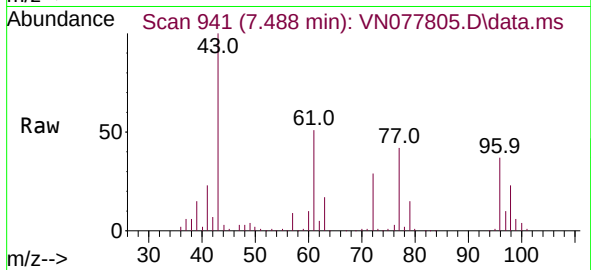
Tgt Ion: 63 Resp: 432398
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 3.7 2.5 7.4





#25
2-Butanone
Concen: 243.001 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

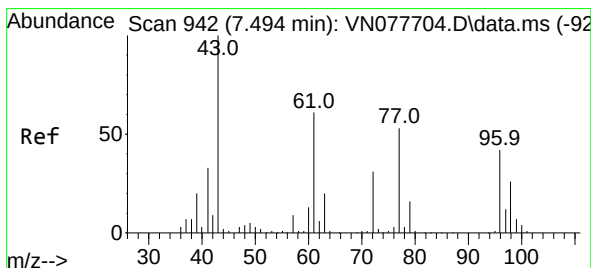
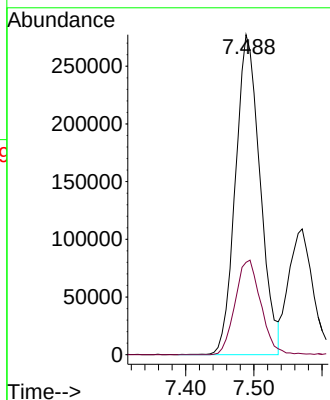
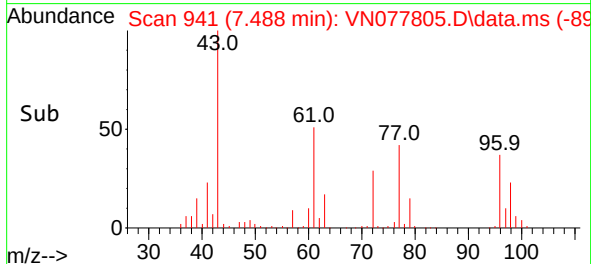
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 695762
Ion Ratio Lower Upper
43 100
72 28.9 30.2 45.2

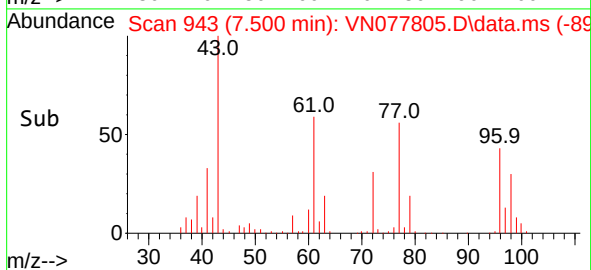
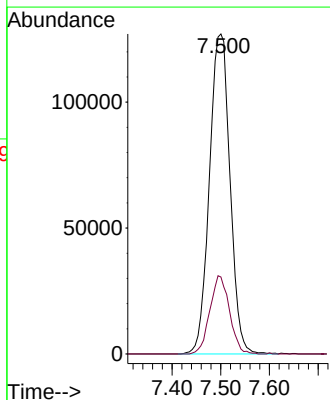
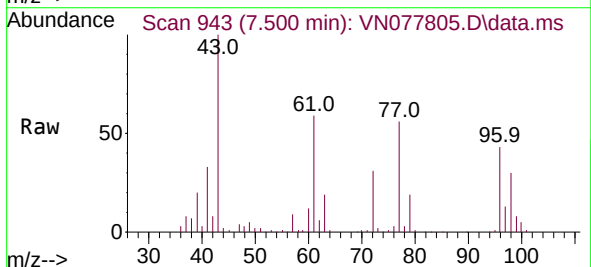
Manual Integrations
APPROVED

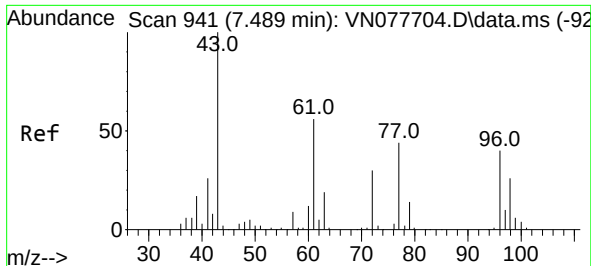
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
2,2-Dichloropropane
Concen: 50.824 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

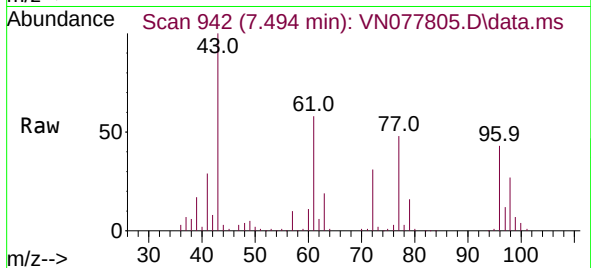
Tgt Ion: 77 Resp: 372503
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 51.129 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

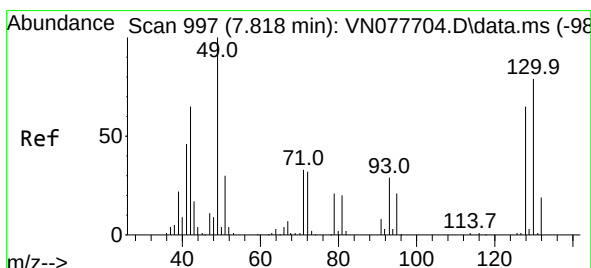
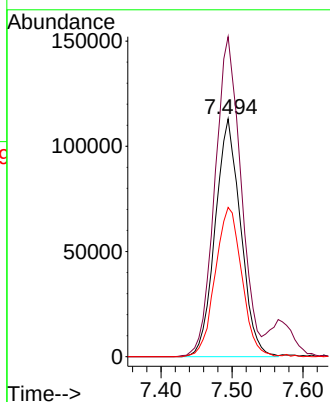
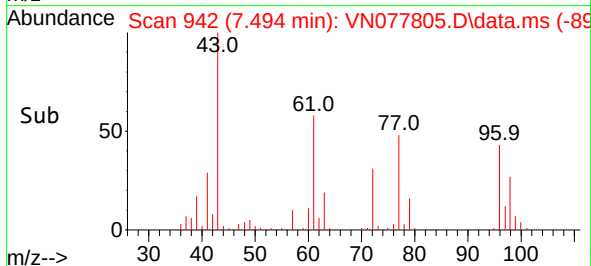
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 281629
Ion Ratio Lower Upper
96 100
61 137.8 0.0 255.2
98 65.6 0.0 128.8

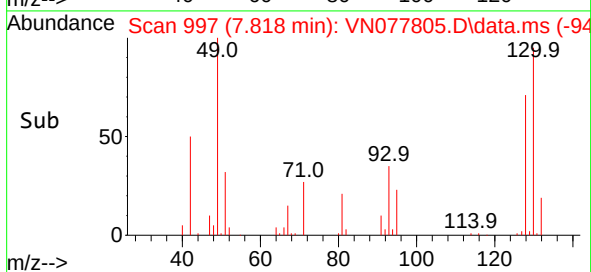
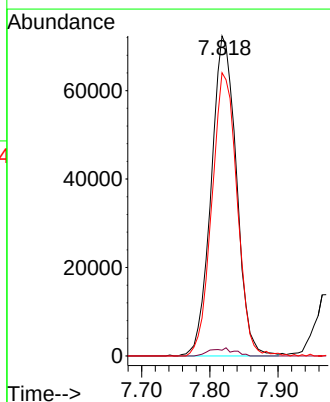
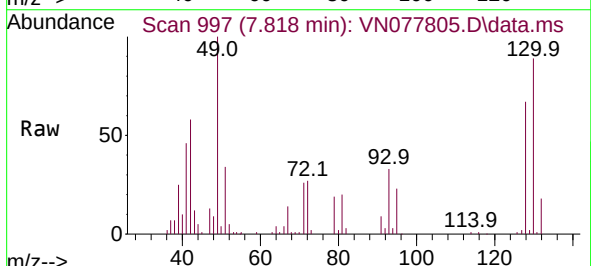
Manual Integrations
APPROVED

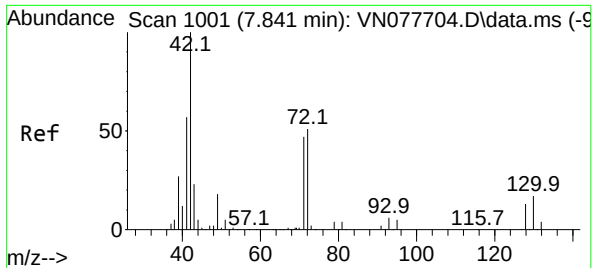
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#28
Bromochloromethane
Concen: 49.945 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

Tgt Ion: 49 Resp: 186346
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 88.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 229.164 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 429639

Ion Ratio Lower Upper

42 100

72 52.1 49.8 74.6

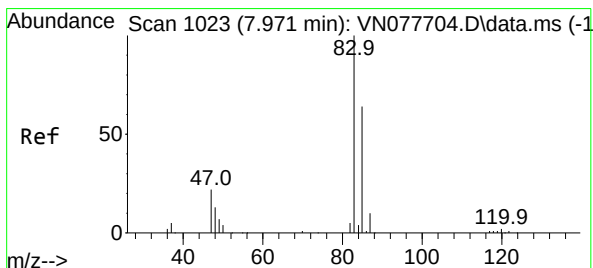
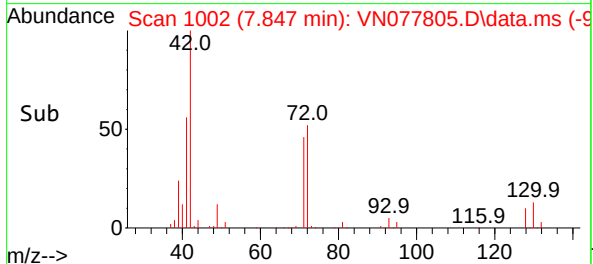
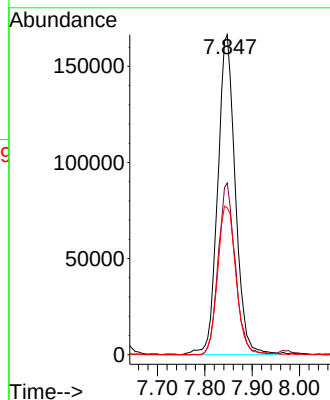
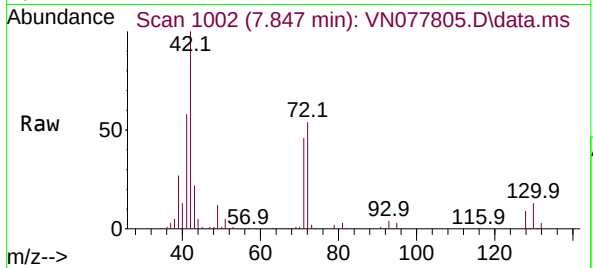
71 48.4 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

Chloroform

Concen: 50.922 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077805.D

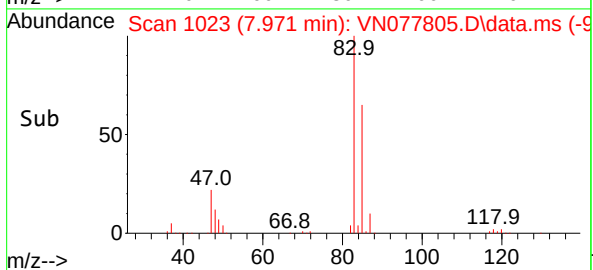
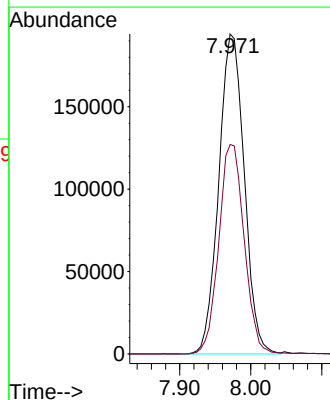
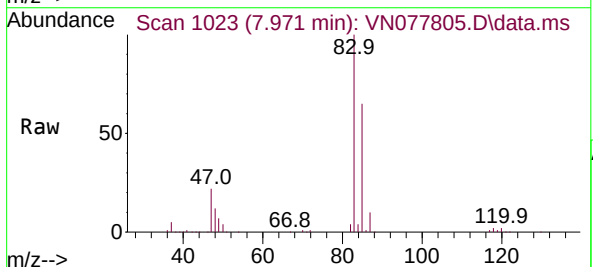
Acq: 23 May 2023 10:24

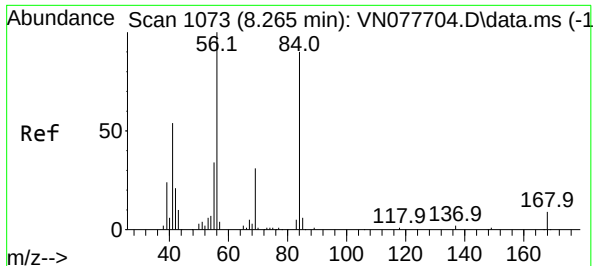
Tgt Ion: 83 Resp: 483252

Ion Ratio Lower Upper

83 100

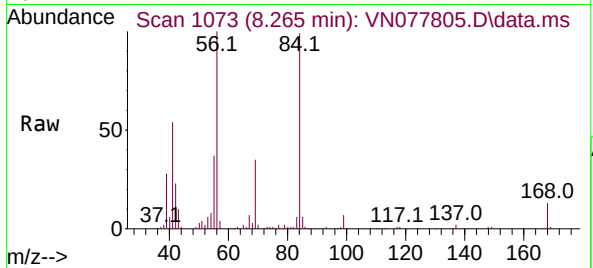
85 65.5 55.4 83.0





#31
Cyclohexane
Concen: 42.849 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

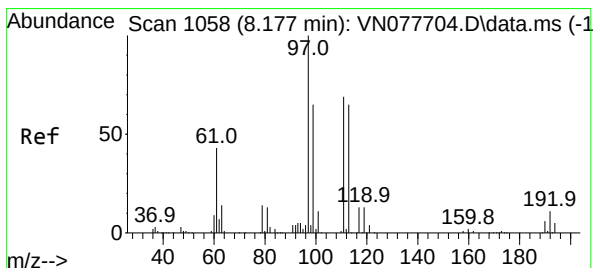
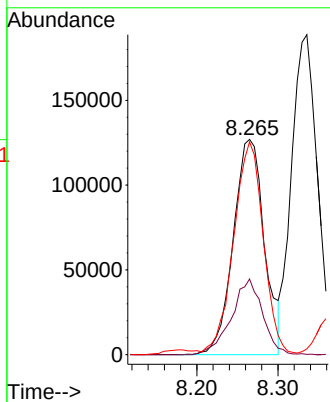
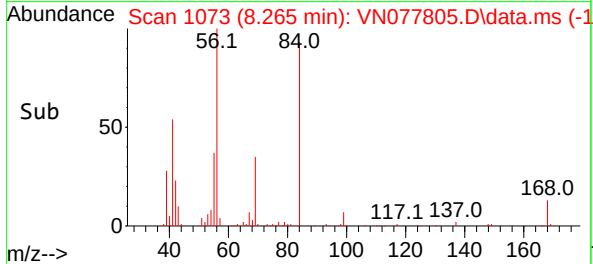
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



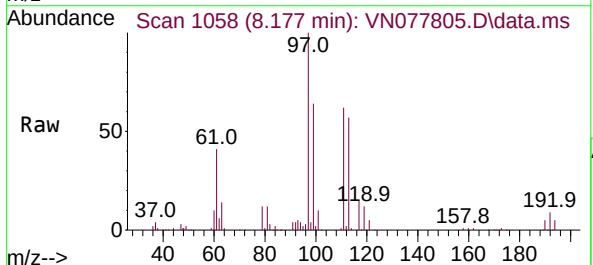
Tgt Ion: 56 Resp: 33881
Ion Ratio Lower Upper
56 100
69 35.1 26.8 40.2
84 96.4 81.8 122.6

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APPROVED

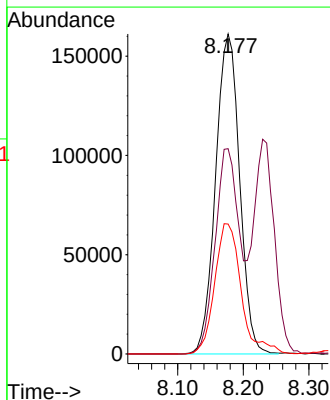
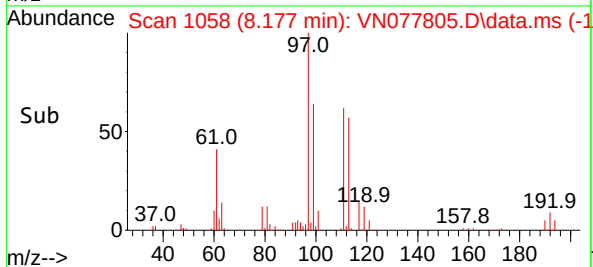
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

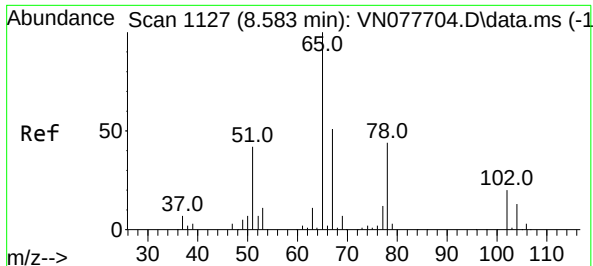


#32
1,1,1-Trichloroethane
Concen: 50.870 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24



Tgt Ion: 97 Resp: 410445
Ion Ratio Lower Upper
97 100
99 62.4 50.3 75.5
61 44.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.881 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 26692

Ion Ratio Lower Upper

65 100

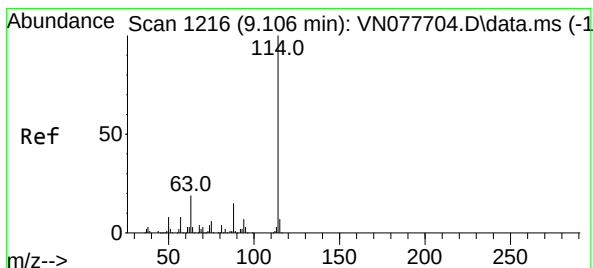
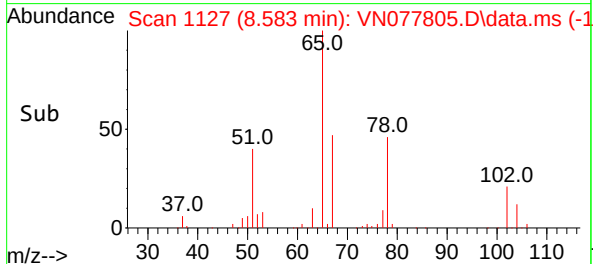
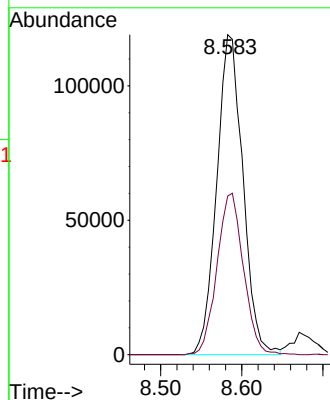
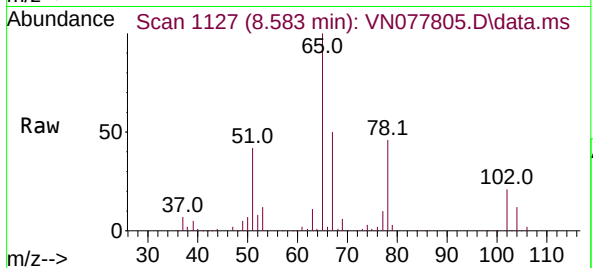
67 51.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

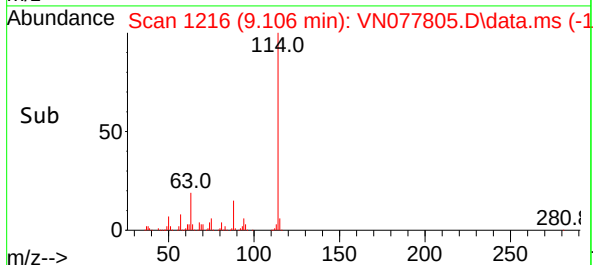
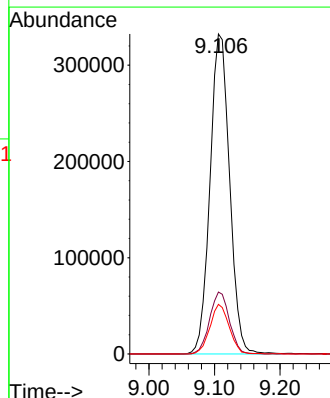
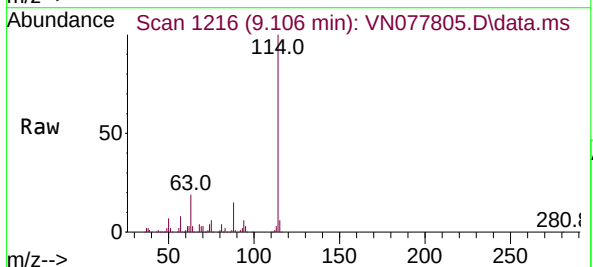
Tgt Ion:114 Resp: 688541

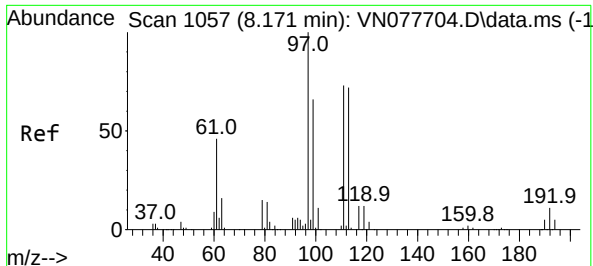
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.368 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 22614

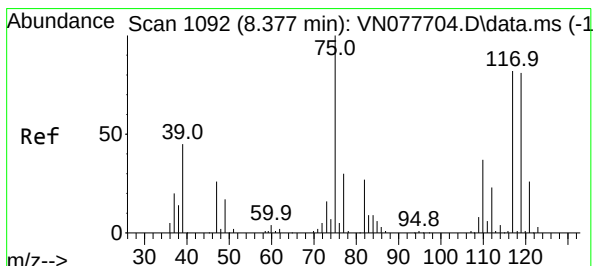
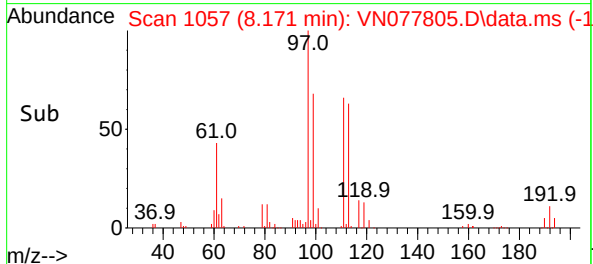
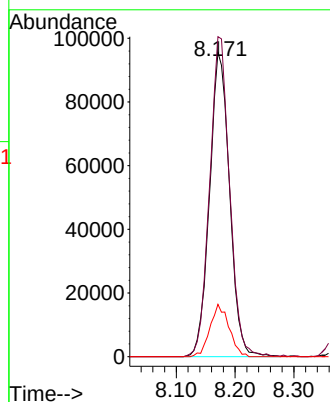
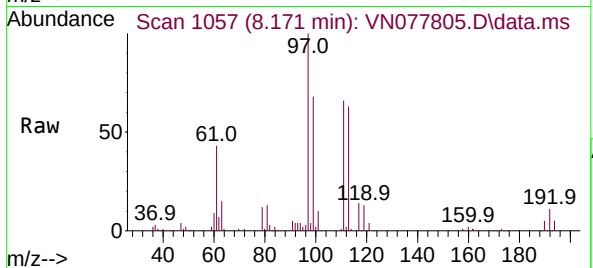
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.6	123.8
192	16.4	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#36

1,1-Dichloropropene

Concen: 49.912 ug/l

RT: 8.377 min Scan# 1092

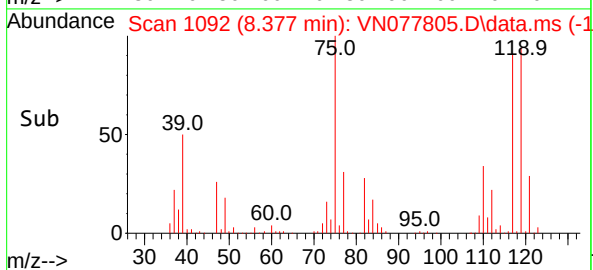
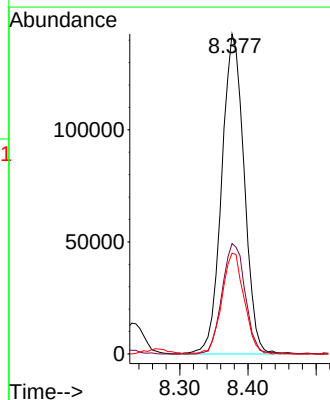
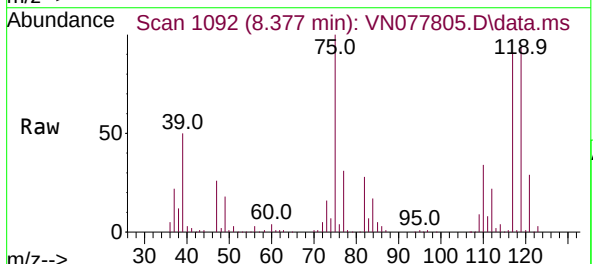
Delta R.T. -0.000 min

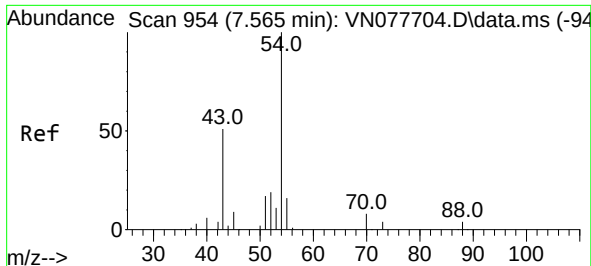
Lab File: VN077805.D

Acq: 23 May 2023 10:24

Tgt Ion: 75 Resp: 327783

Ion	Ratio	Lower	Upper
75	100		
110	35.4	19.1	57.3
77	31.4	25.0	37.4





#37

Ethyl Acetate

Concen: 47.035 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 275310

Ion Ratio Lower Upper

43 100

61 13.4 13.2 19.8

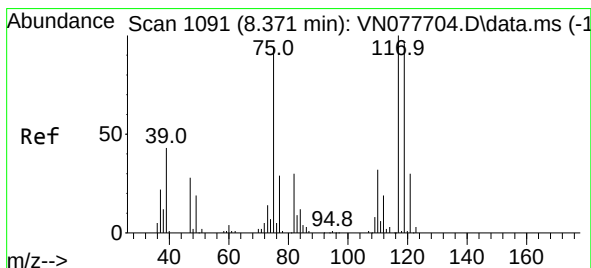
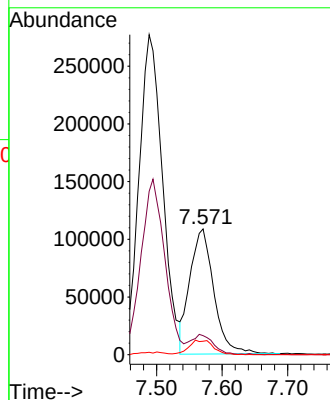
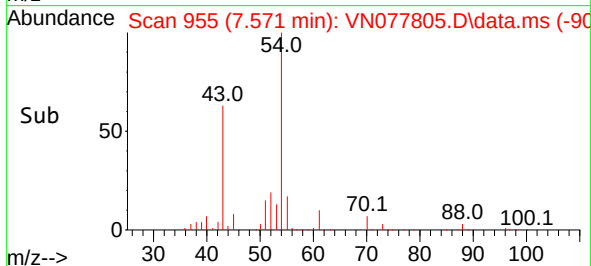
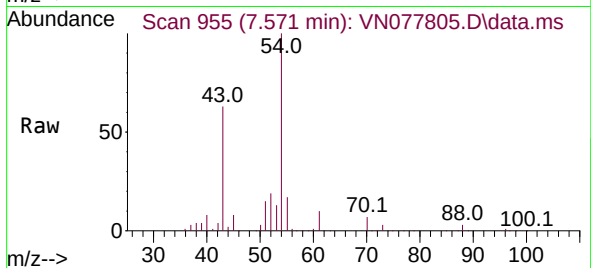
70 11.7 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#38

Carbon Tetrachloride

Concen: 54.548 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

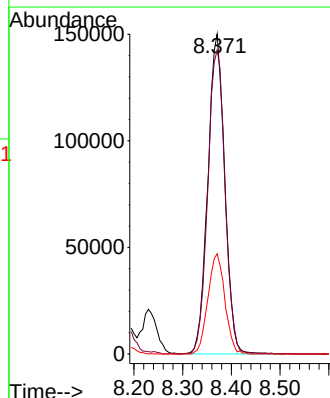
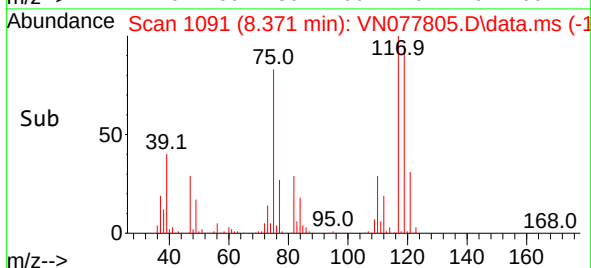
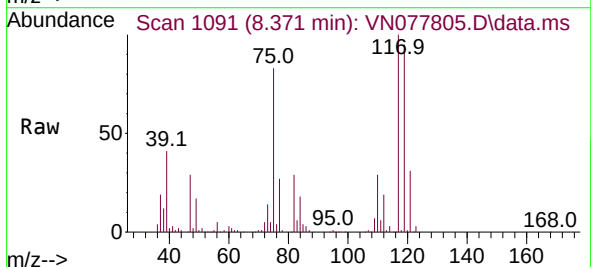
Tgt Ion:117 Resp: 361735

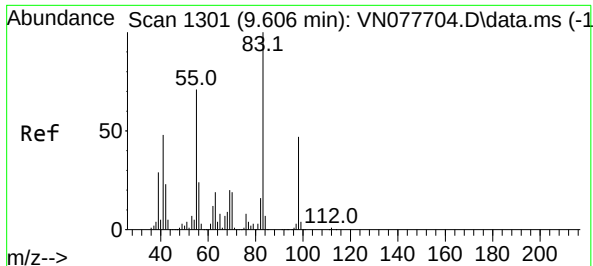
Ion Ratio Lower Upper

117 100

119 95.0 77.3 115.9

121 31.3 23.3 34.9





#39

Methylcyclohexane

Concen: 48.570 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 39049

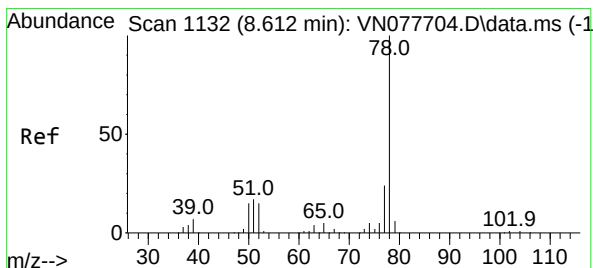
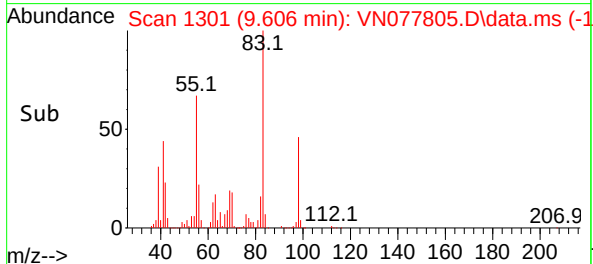
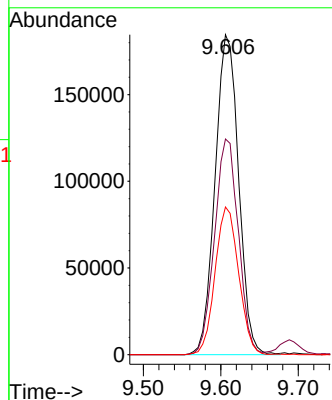
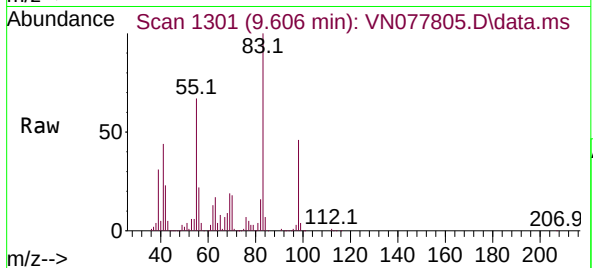
Ion	Ratio	Lower	Upper
83	100		
55	67.4	49.1	73.7
98	46.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Benzene

Concen: 51.605 ug/l

RT: 8.612 min Scan# 1132

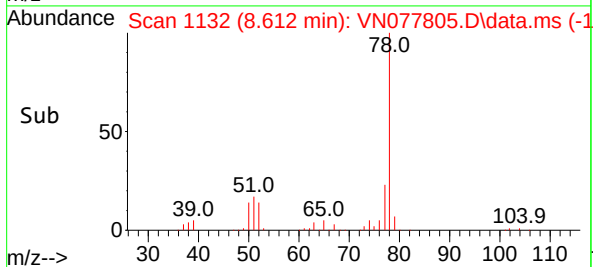
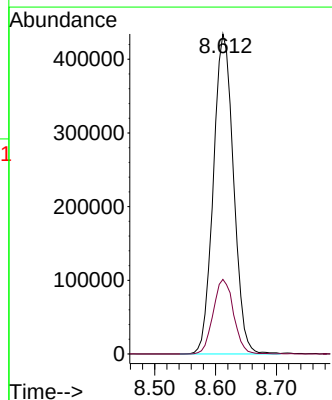
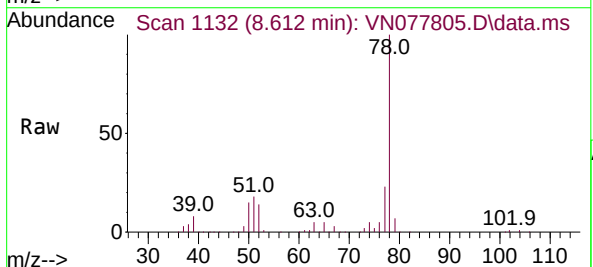
Delta R.T. -0.000 min

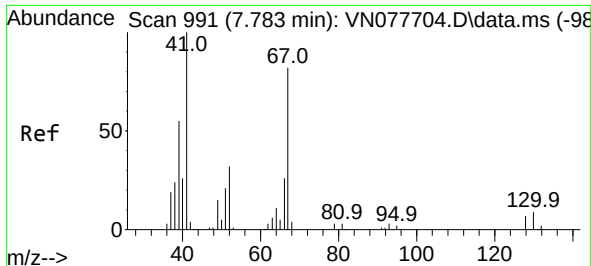
Lab File: VN077805.D

Acq: 23 May 2023 10:24

Tgt Ion: 78 Resp: 1000082

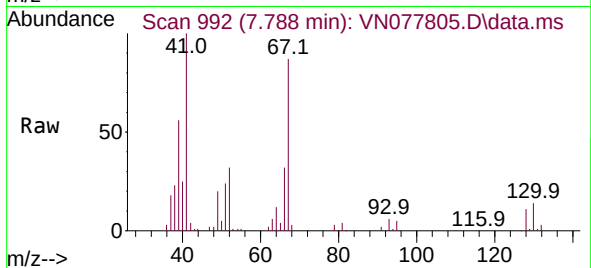
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





#41
Methacrylonitrile
Concen: 48.624 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

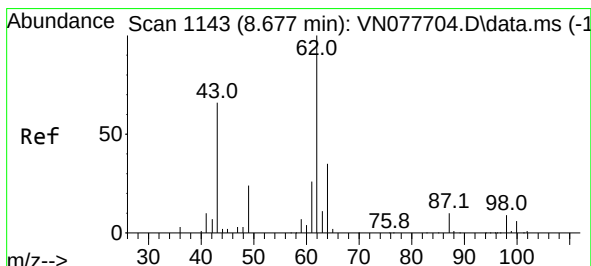
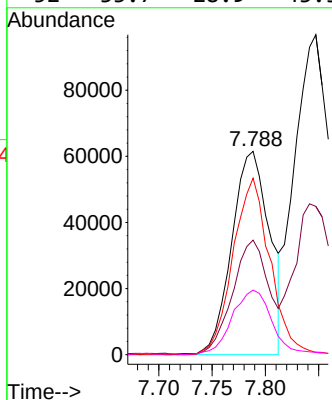
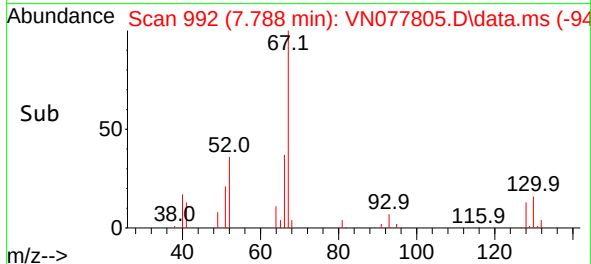
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 15157
Ion Ratio Lower Upper
41 100
39 54.5 42.6 64.0
67 85.2 77.5 116.3
52 33.7 28.9 43.3

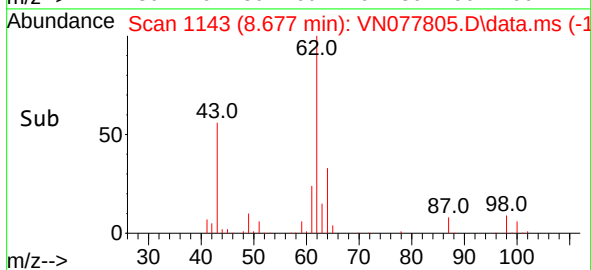
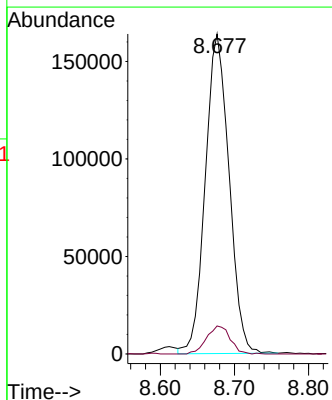
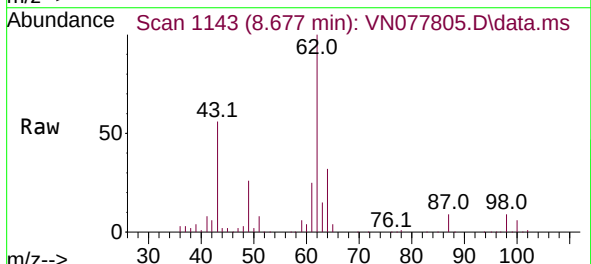
Manual Integrations
APPROVED

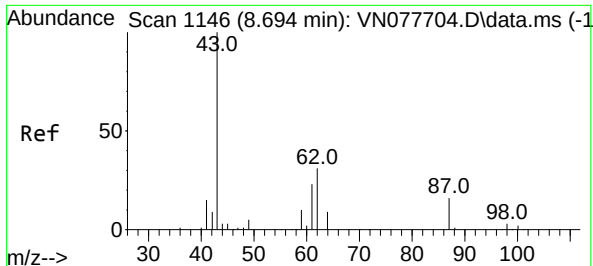
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
1,2-Dichloroethane
Concen: 51.840 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

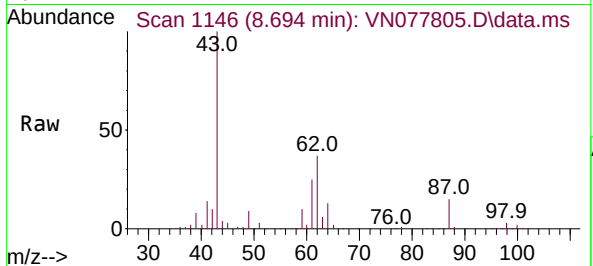
Tgt Ion: 62 Resp: 364940
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.8





#43
Isopropyl Acetate
Concen: 50.460 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

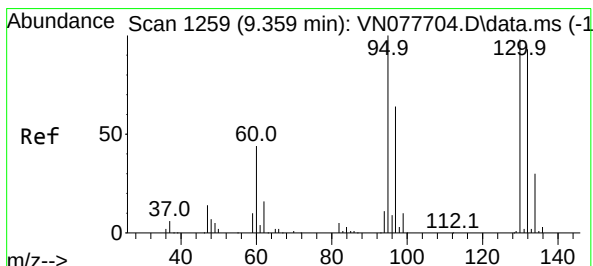
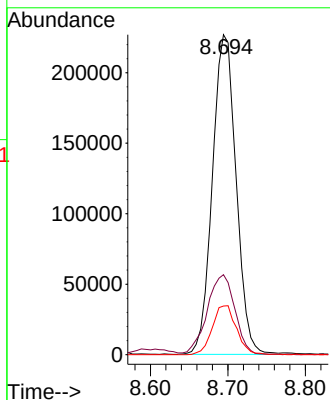
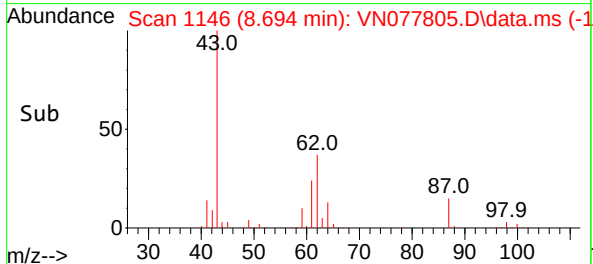
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



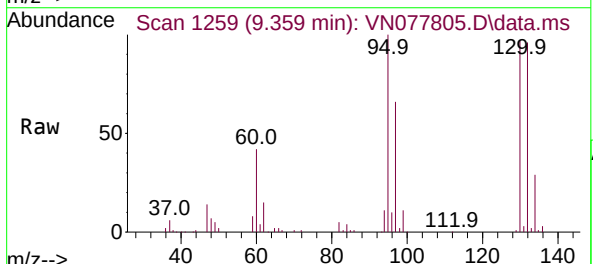
Tgt Ion: 43 Resp: 482439
Ion Ratio Lower Upper
43 100
61 29.3 24.7 37.1
87 15.7 14.6 21.8

Manual Integrations
APPROVED

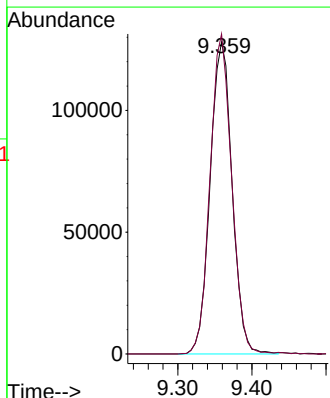
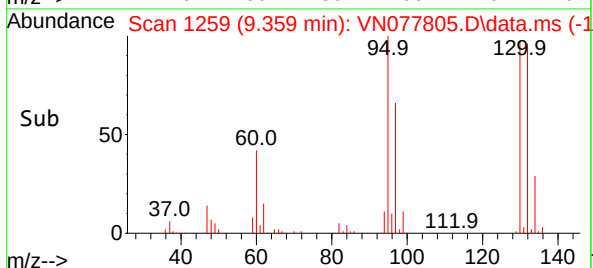
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

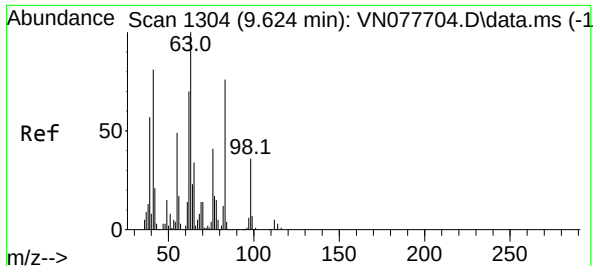


#44
Trichloroethene
Concen: 53.725 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24



Tgt Ion:130 Resp: 263630
Ion Ratio Lower Upper
130 100
95 102.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 53.710 ug/l

RT: 9.630 min Scan# 1319

Delta R.T. 0.005 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 265498

Ion Ratio Lower Upper

63 100

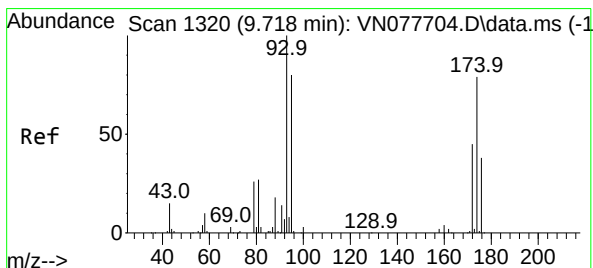
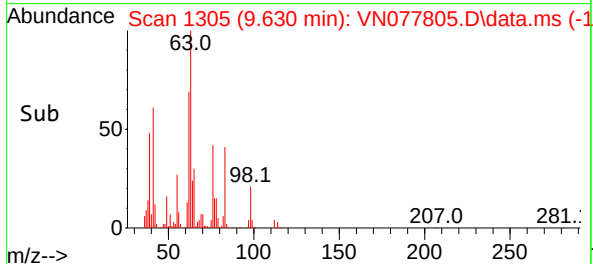
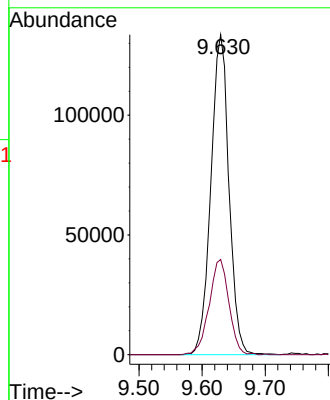
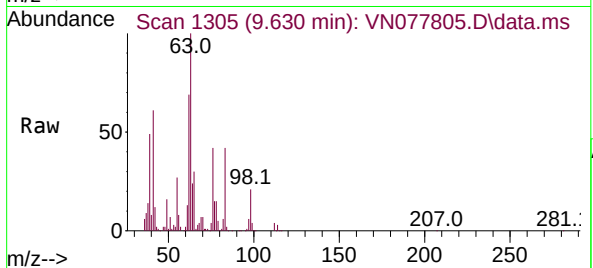
65 29.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 54.225 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

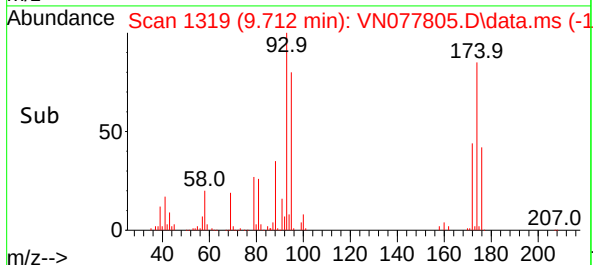
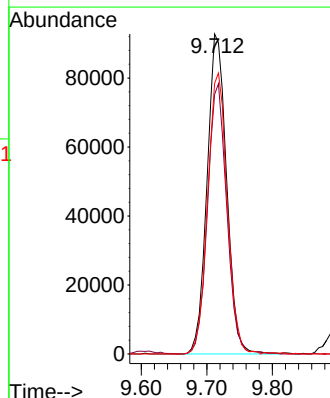
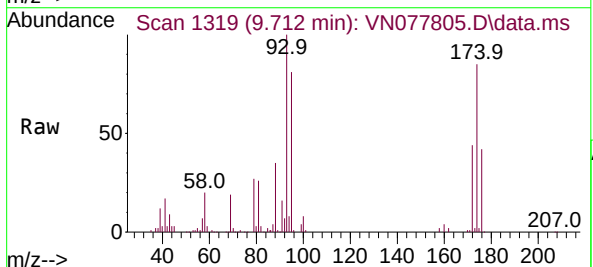
Tgt Ion: 93 Resp: 191802

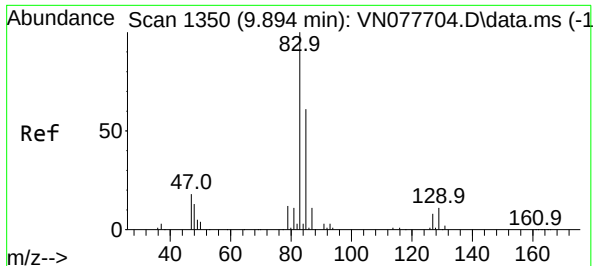
Ion Ratio Lower Upper

93 100

95 83.0 63.8 95.8

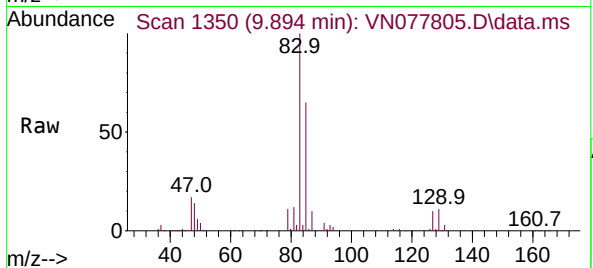
174 88.1 65.6 98.4





#47
Bromodichloromethane
Concen: 56.144 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

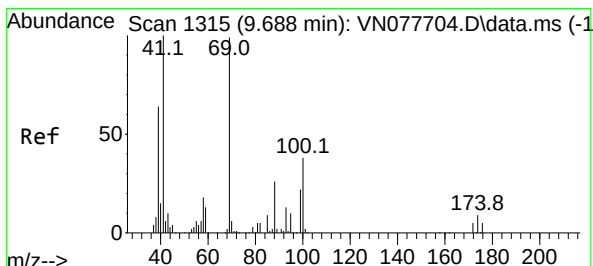
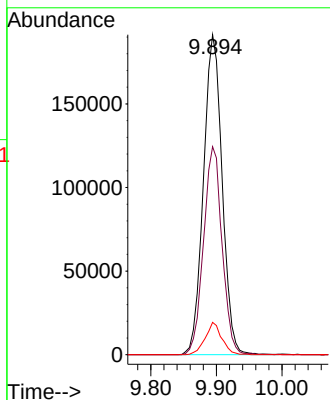
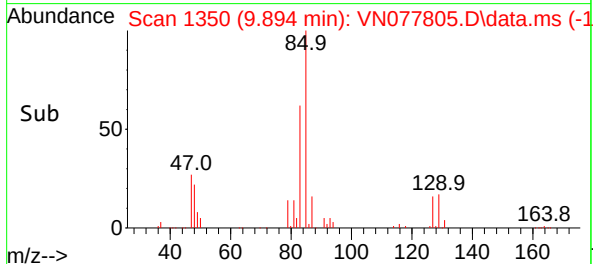
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



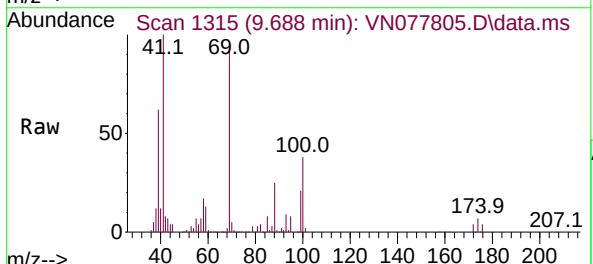
Tgt Ion: 83 Resp: 380204
Ion Ratio Lower Upper
83 100
85 65.0 49.6 74.4
127 10.1 7.0 10.6

Manual Integrations
APPROVED

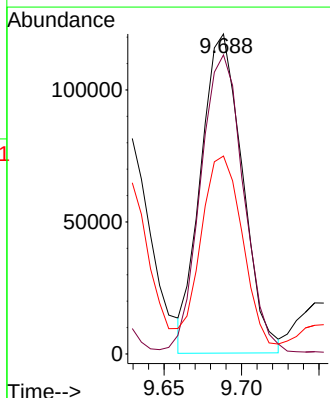
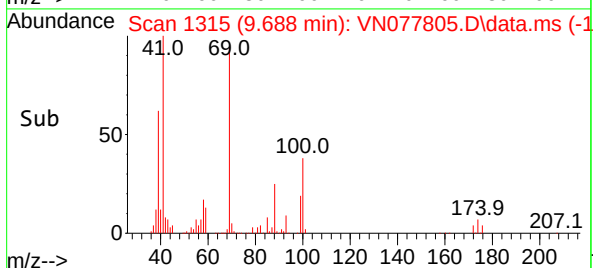
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

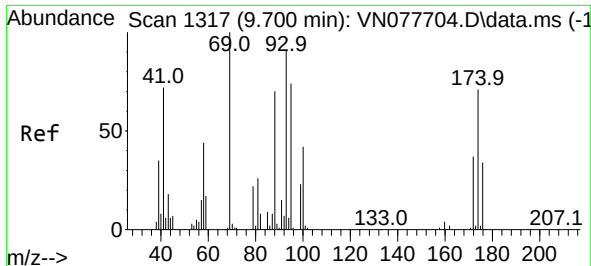


#48
Methyl methacrylate
Concen: 49.903 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24



Tgt Ion: 41 Resp: 226212
Ion Ratio Lower Upper
41 100
69 97.2 90.4 135.6
39 64.4 54.6 81.8





#49

1,4-Dioxane

Concen: 1092.001 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 9349

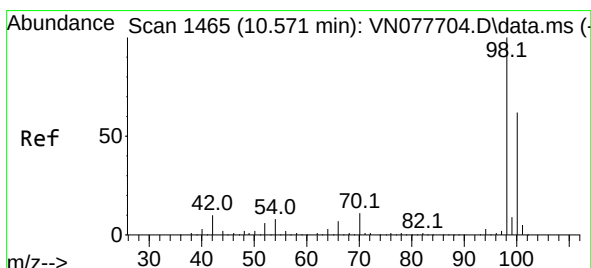
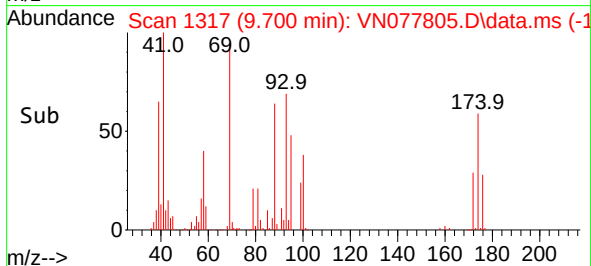
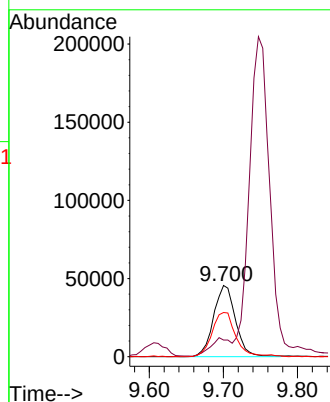
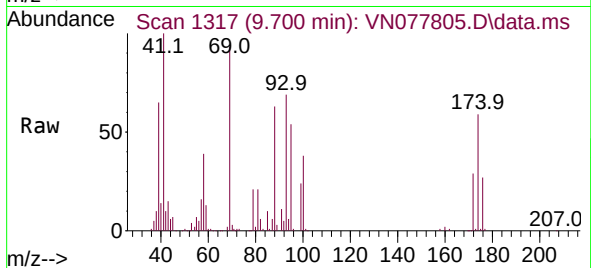
Ion	Ratio	Lower	Upper
88	100		
43	23.2	17.0	25.6
58	67.0	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#50

Toluene-d8

Concen: 47.696 ug/l

RT: 10.571 min Scan# 1465

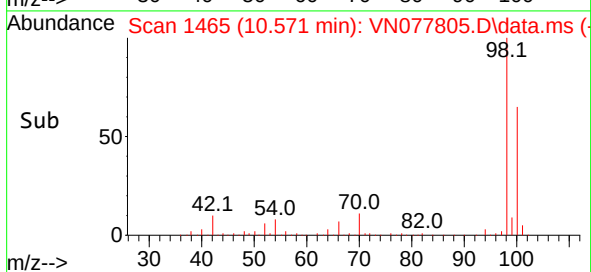
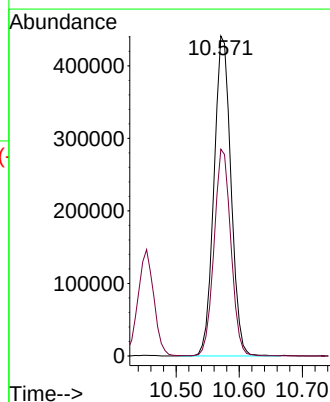
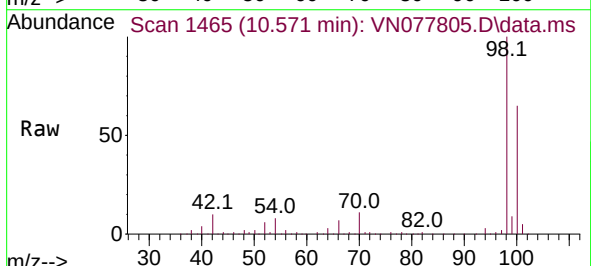
Delta R.T. -0.000 min

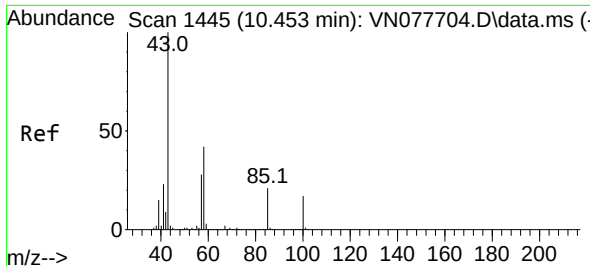
Lab File: VN077805.D

Acq: 23 May 2023 10:24

Tgt Ion: 98 Resp: 824284

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0





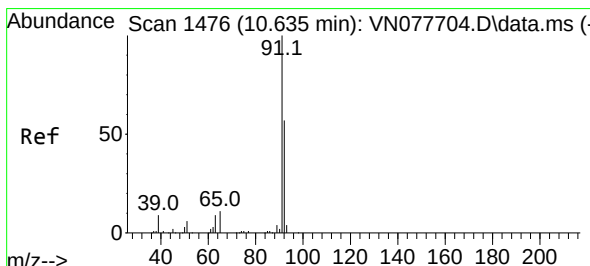
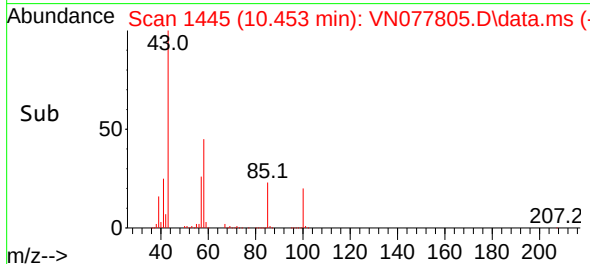
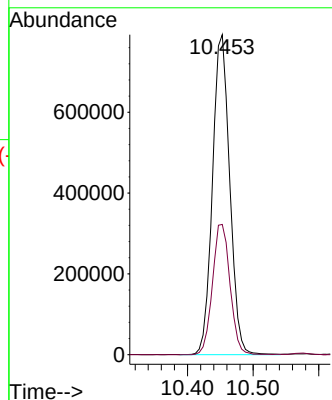
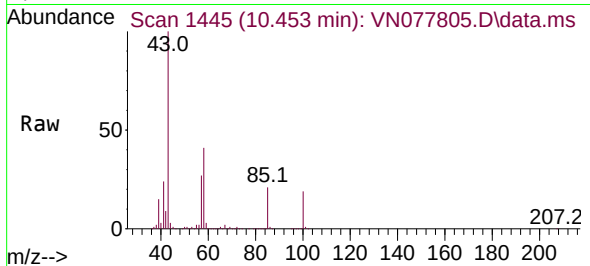
#51
4-Methyl-2-Pentanone
Concen: 253.923 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1443072
Ion Ratio Lower Upper
43 100
58 41.6 36.6 54.8

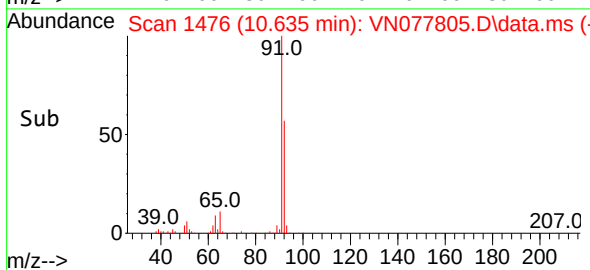
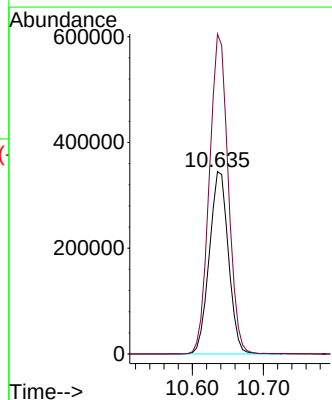
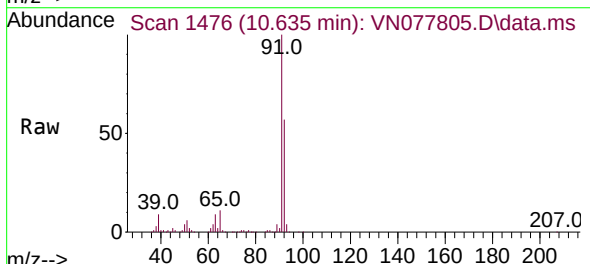
Manual Integrations
APPROVED

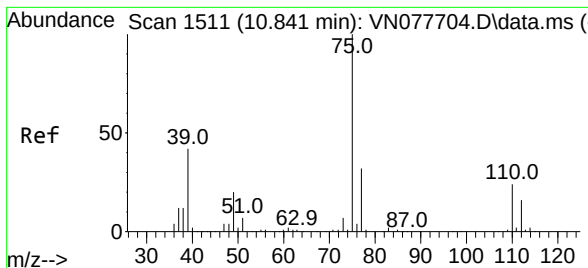
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#52
Toluene
Concen: 53.347 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

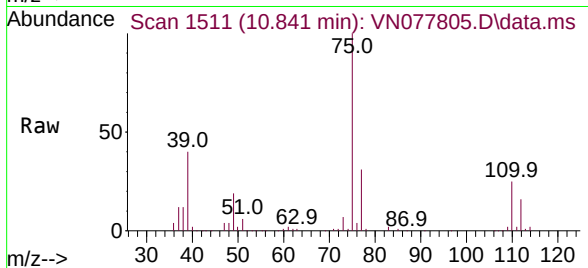
Tgt Ion: 92 Resp: 643618
Ion Ratio Lower Upper
92 100
91 173.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 56.570 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

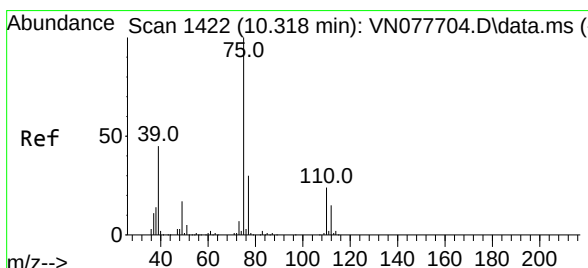
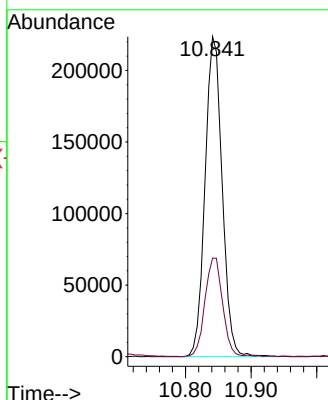
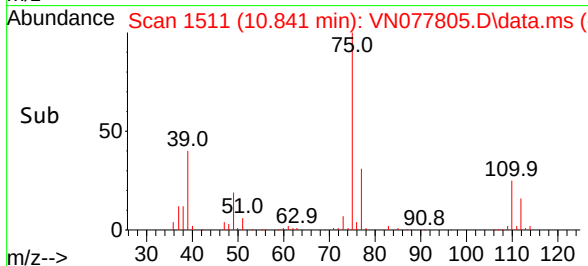
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



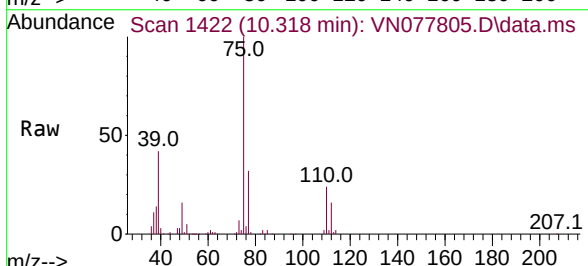
Tgt Ion: 75 Resp: 405680
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

Manual Integrations
APPROVED

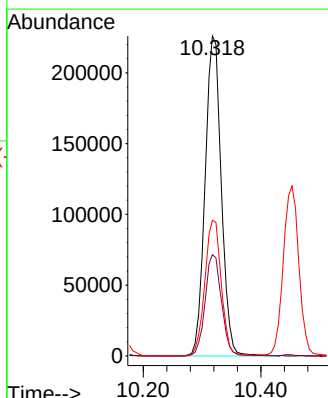
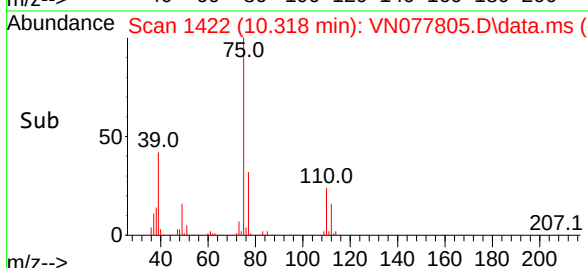
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

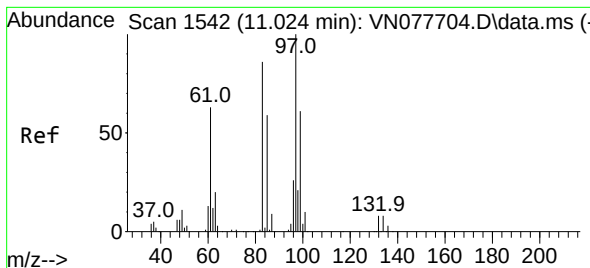


#54
cis-1,3-Dichloropropene
Concen: 54.594 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24



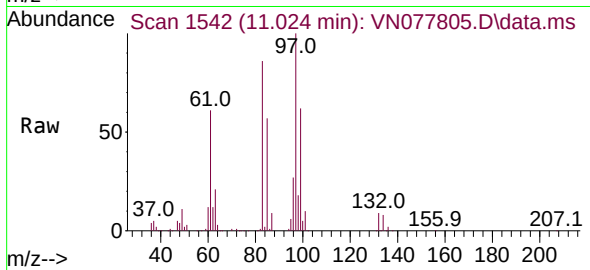
Tgt Ion: 75 Resp: 431442
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 42.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 55.932 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

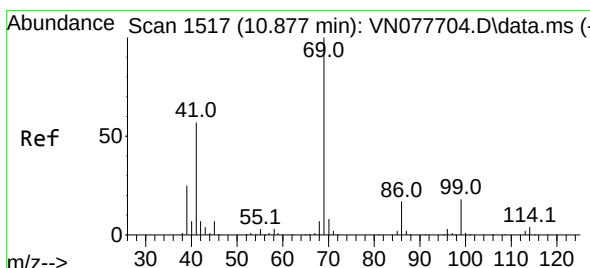
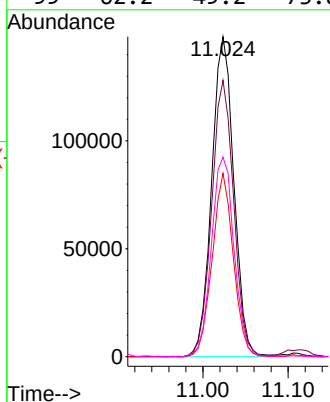
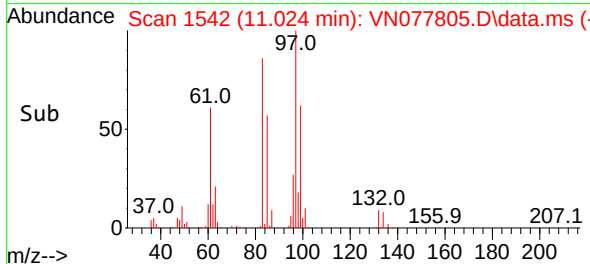
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



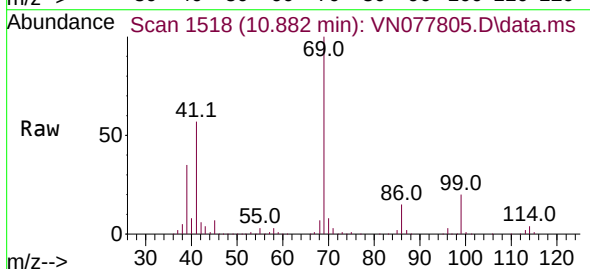
Tgt Ion:	97	Resp:	26793
Ion Ratio	100	Lower	Upper
97	100		
83	86.3	65.1	97.7
85	57.3	43.4	65.2
99	62.2	49.2	73.8

Manual Integrations
APPROVED

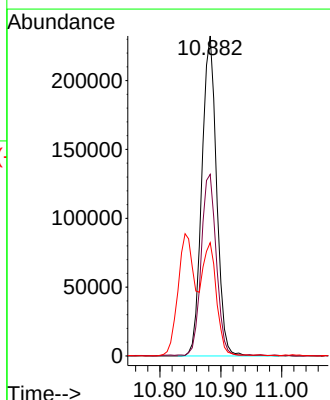
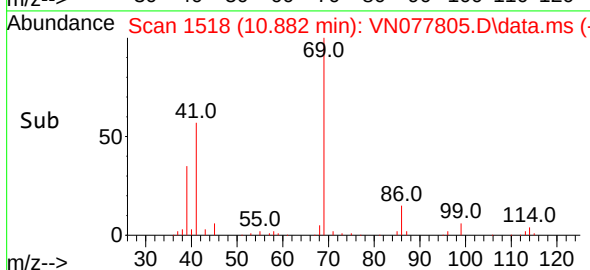
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

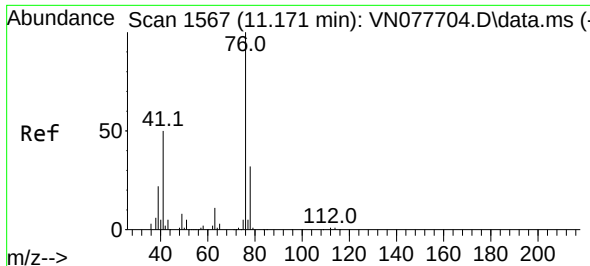


#56
Ethyl methacrylate
Concen: 53.926 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24



Tgt Ion:	69	Resp:	390593
Ion Ratio	100	Lower	Upper
69	100		
41	57.4	39.6	59.4
39	32.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 54.827 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 450258

Ion Ratio Lower Upper

76 100

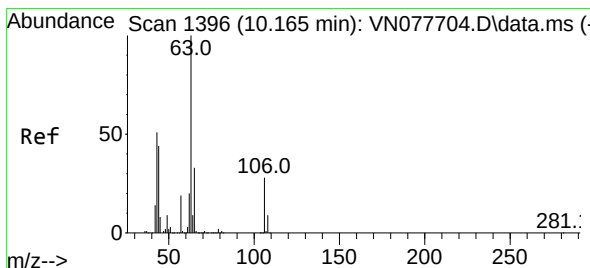
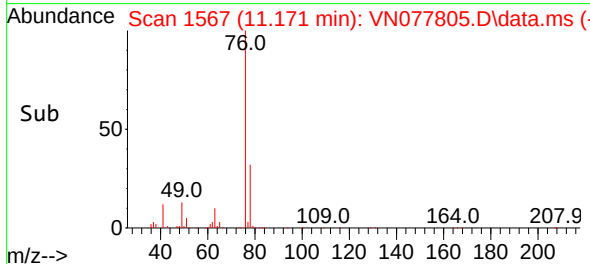
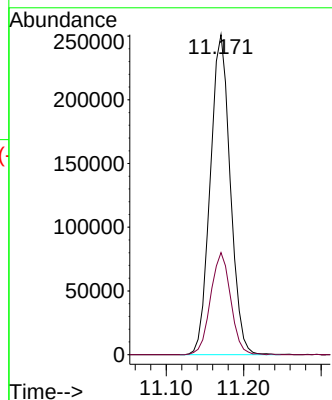
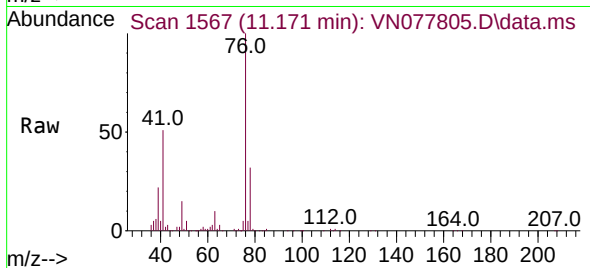
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 249.778 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077805.D

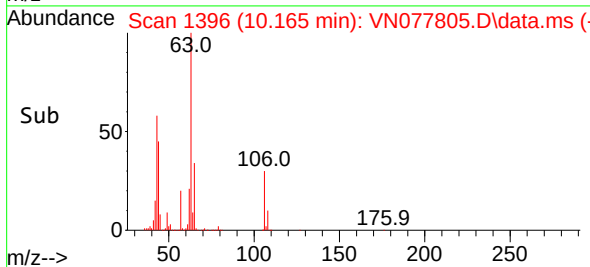
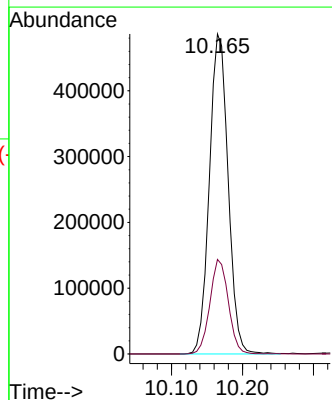
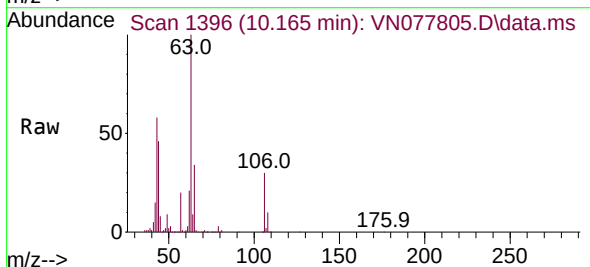
Acq: 23 May 2023 10:24

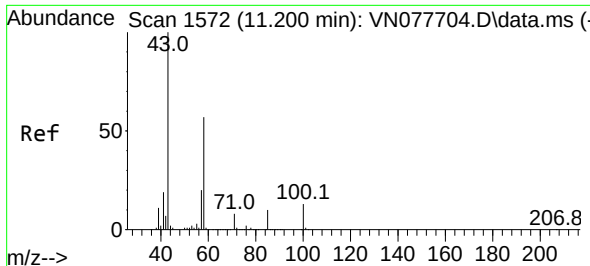
Tgt Ion: 63 Resp: 890039

Ion Ratio Lower Upper

63 100

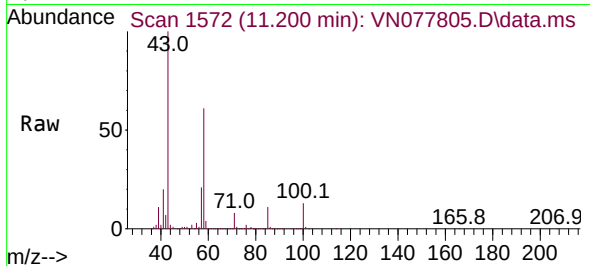
106 29.2 26.2 39.4





#59
2-Hexanone
Concen: 243.618 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

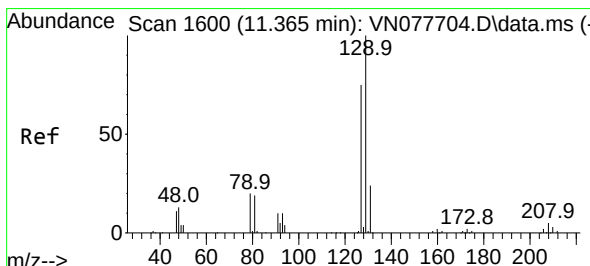
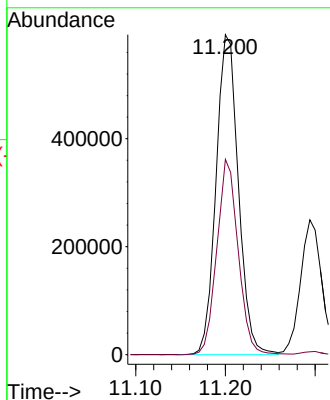
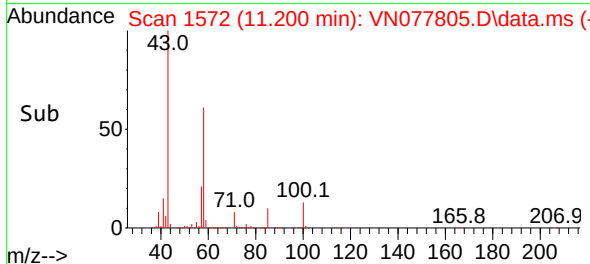
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1024064
Ion Ratio Lower Upper
43 100
58 58.4 31.7 95.1

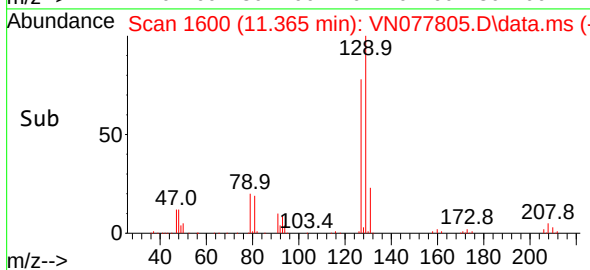
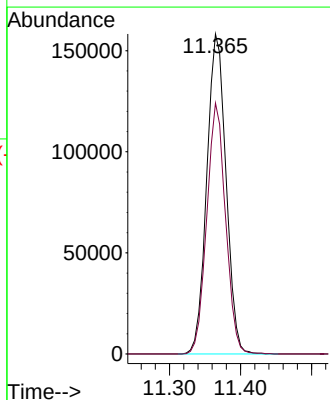
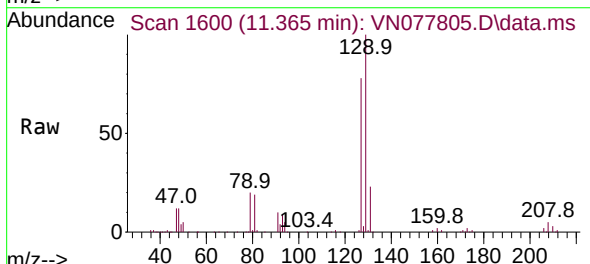
Manual Integrations
APPROVED

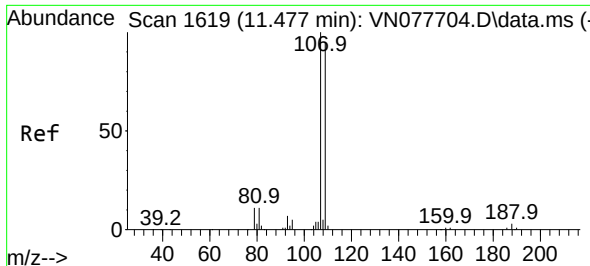
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
Dibromochloromethane
Concen: 60.185 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

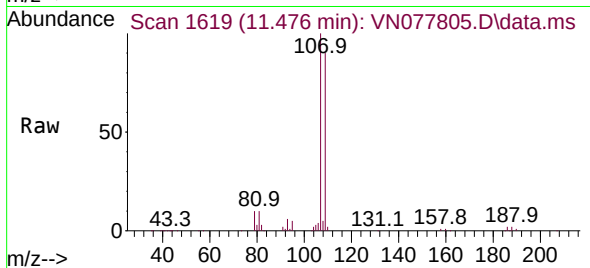
Tgt Ion:129 Resp: 297638
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 57.034 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

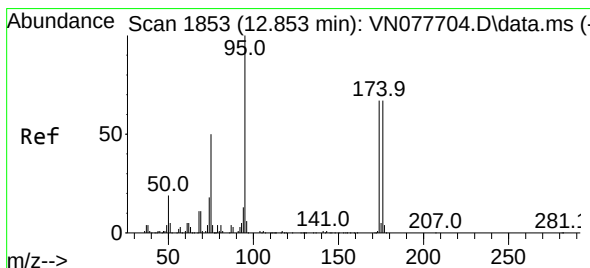
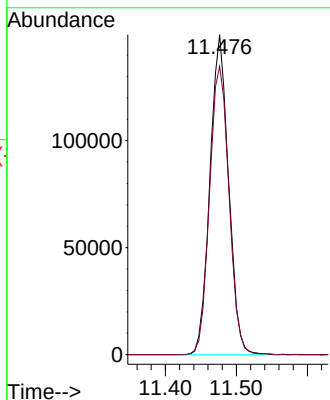
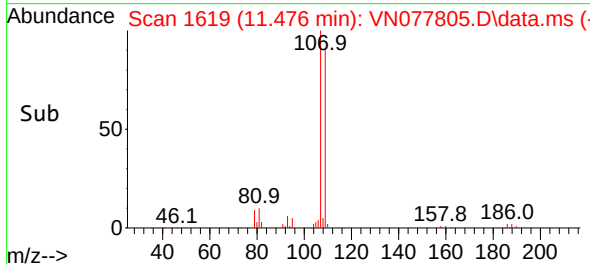
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 27256
Ion Ratio Lower Upper
107 100
109 93.9 76.6 114.8

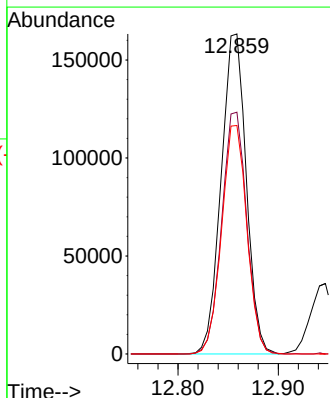
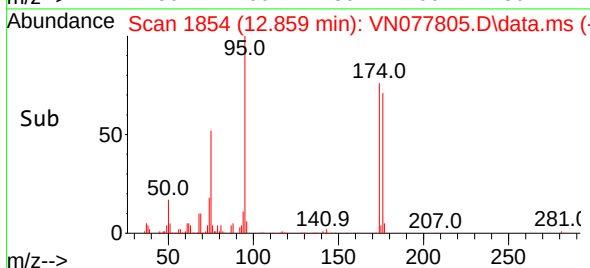
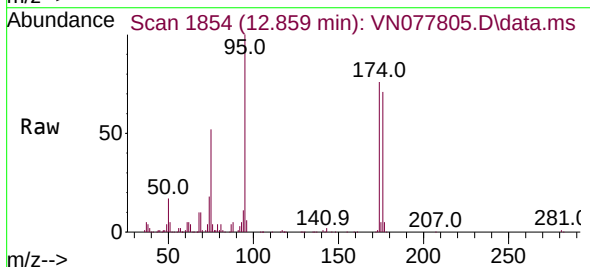
Manual Integrations
APPROVED

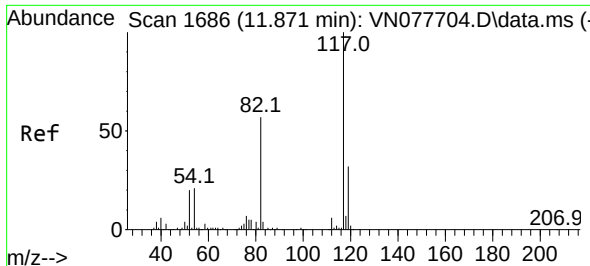
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#62
4-Bromofluorobenzene
Concen: 46.604 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

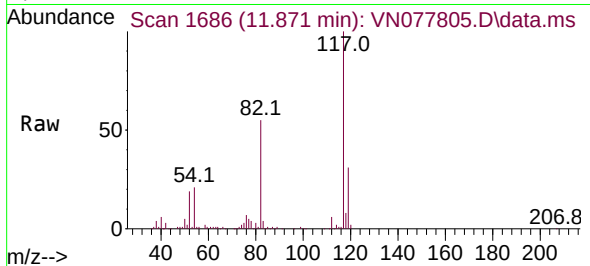
Tgt Ion: 95 Resp: 284453
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 71.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

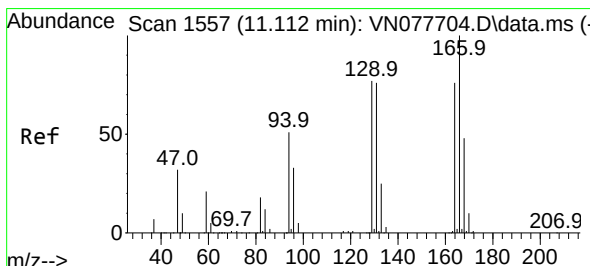
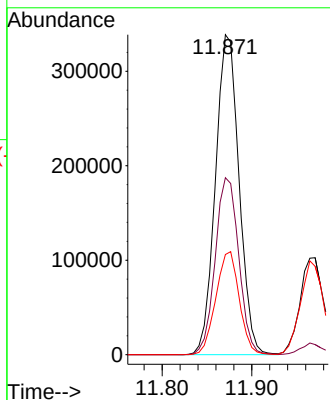
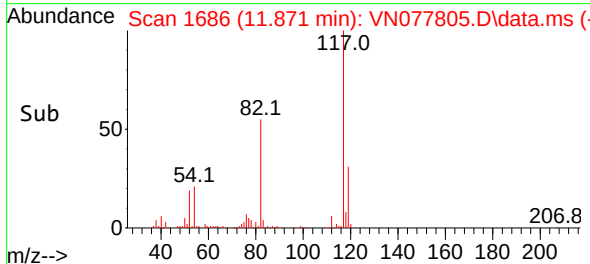
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 61998
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 31.3 25.6 38.4

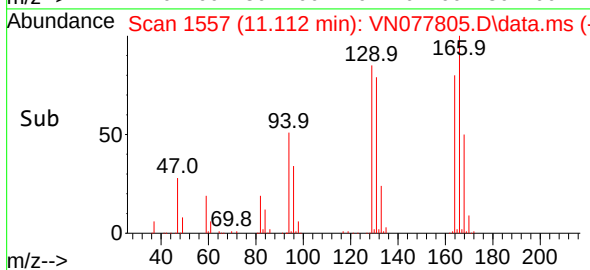
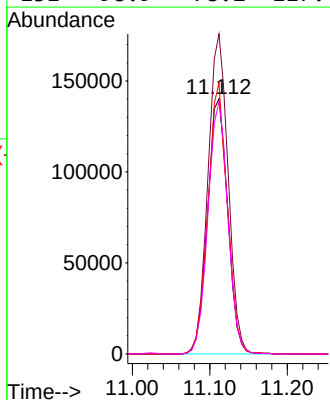
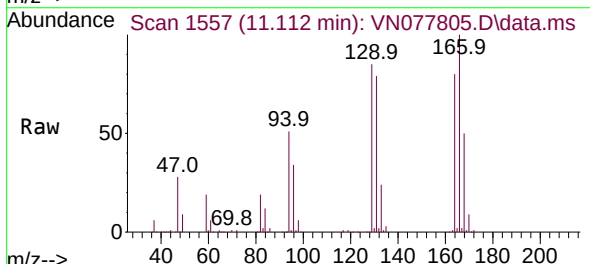
Manual Integrations
APPROVED

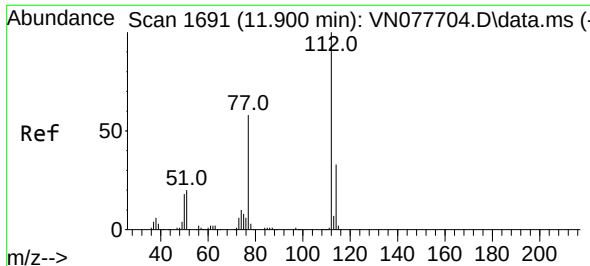
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#64
Tetrachloroethene
Concen: 58.610 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

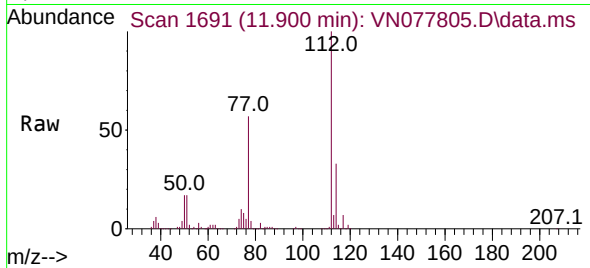
Tgt Ion:164 Resp: 254123
Ion Ratio Lower Upper
164 100
166 125.4 101.4 152.0
129 106.2 82.4 123.6
131 98.9 78.2 117.4





#65
Chlorobenzene
Concen: 52.841 ug/l
RT: 11.900 min Scan# 11022
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

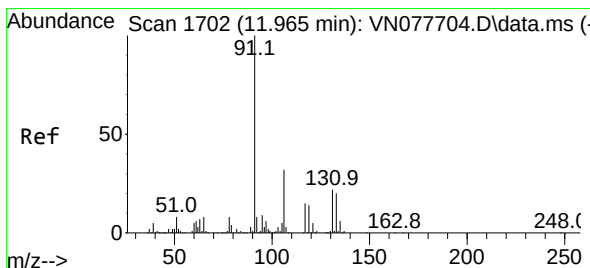
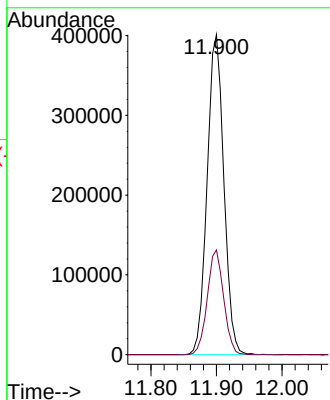
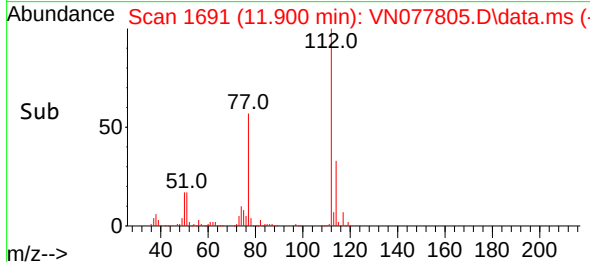
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



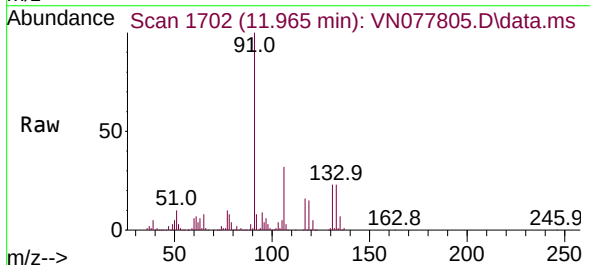
Tgt Ion:112 Resp: 710223
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4

Manual Integrations
APPROVED

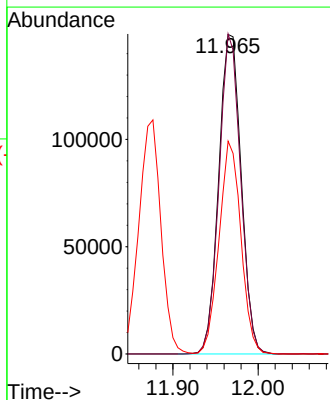
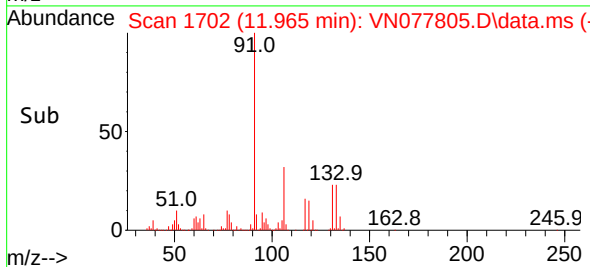
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

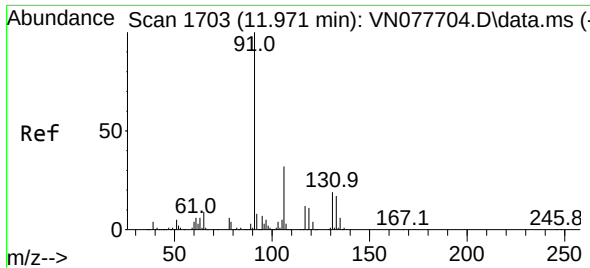


#66
1,1,1,2-Tetrachloroethane
Concen: 58.674 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24



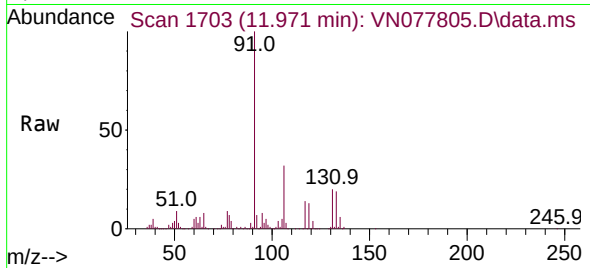
Tgt Ion:131 Resp: 272874
Ion Ratio Lower Upper
131 100
133 96.2 46.4 139.1
119 64.9 34.1 102.2





#67
Ethyl Benzene
Concen: 51.719 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

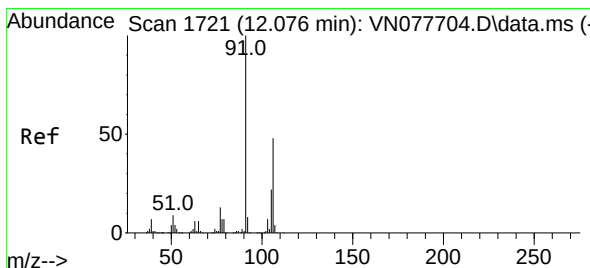
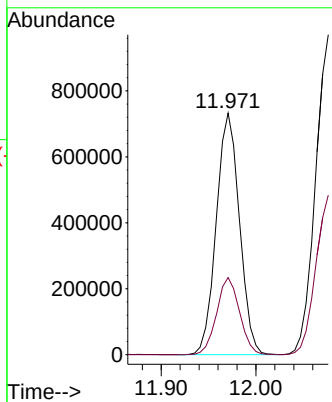
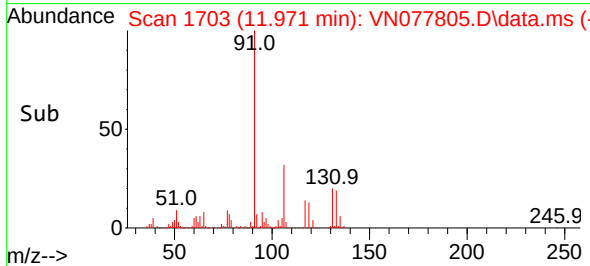
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



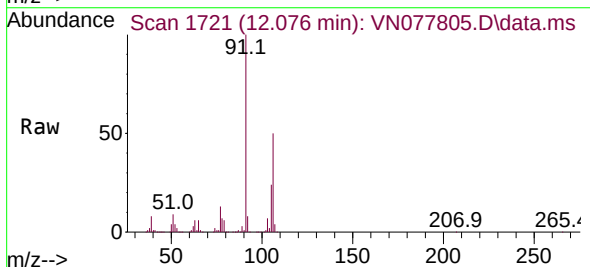
Tgt Ion: 91 Resp: 1245729
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4

Manual Integrations
APPROVED

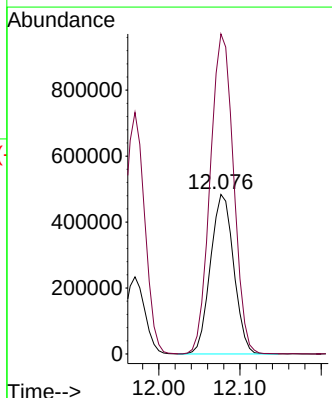
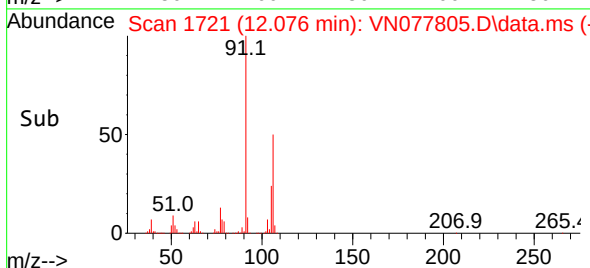
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

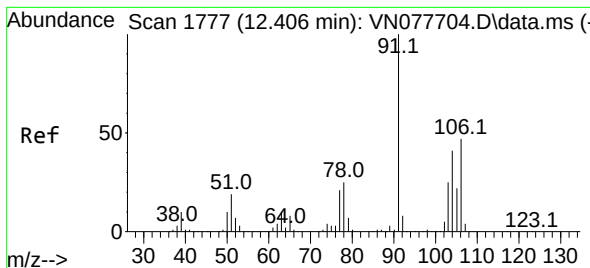


#68
m/p-Xylenes
Concen: 105.455 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24



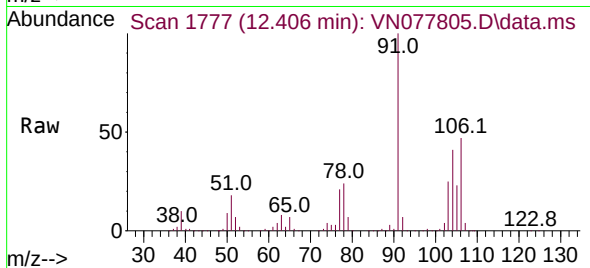
Tgt Ion:106 Resp: 962448
Ion Ratio Lower Upper
106 100
91 201.4 159.6 239.4





#69
o-Xylene
Concen: 53.556 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

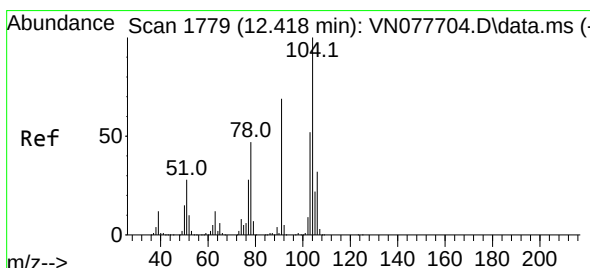
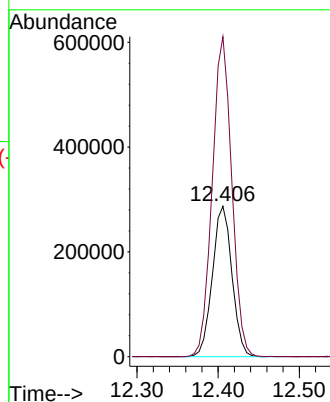
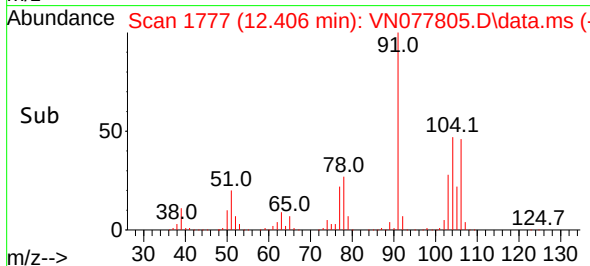
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 480694
Ion Ratio Lower Upper
106 100
91 212.1 105.2 315.5

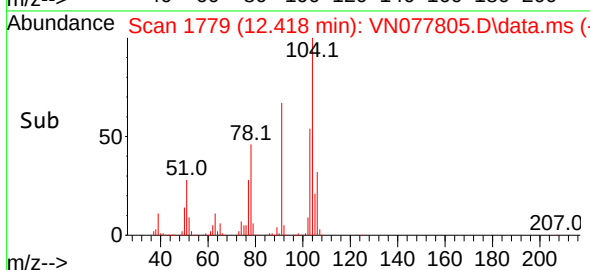
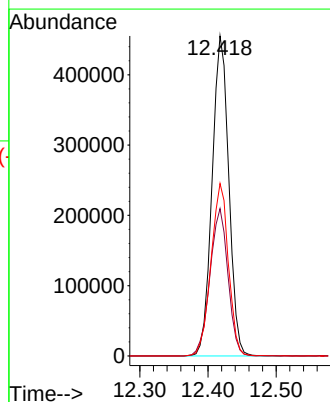
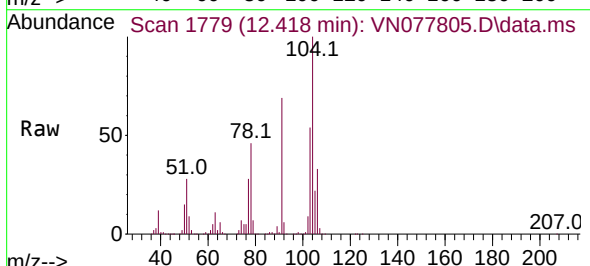
Manual Integrations
APPROVED

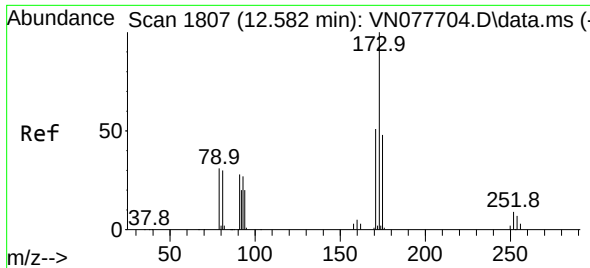
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#70
Styrene
Concen: 54.452 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

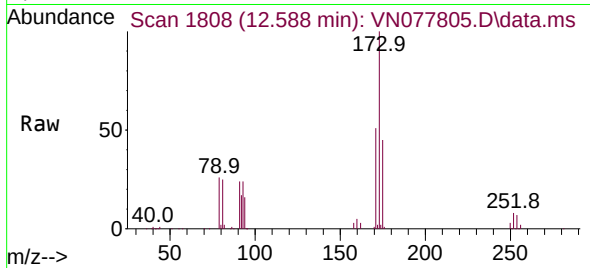
Tgt Ion:104 Resp: 776394
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 56.3 43.2 64.8





#71
Bromoform
Concen: 61.424 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

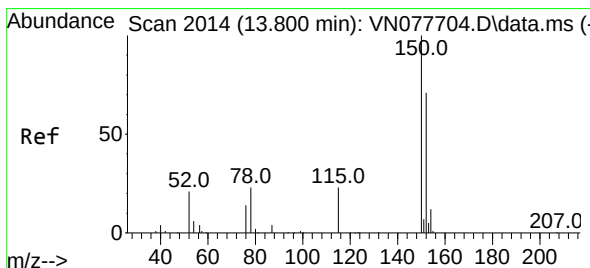
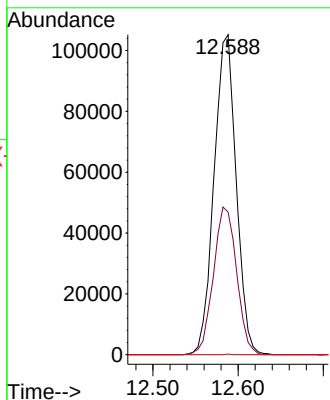
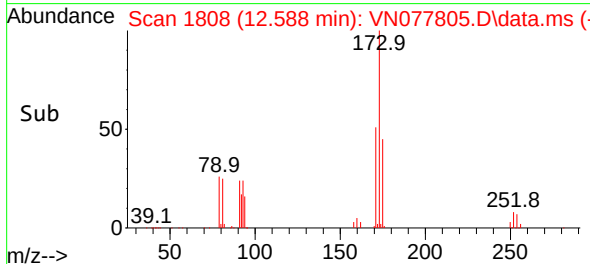
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



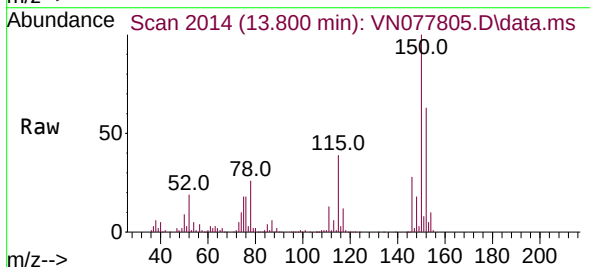
Tgt Ion:173 Resp: 190032
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

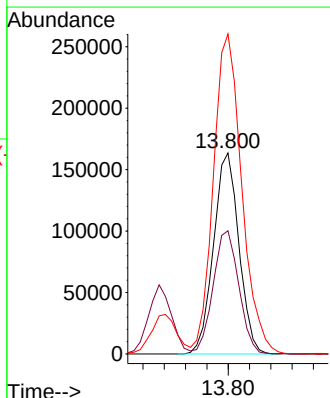
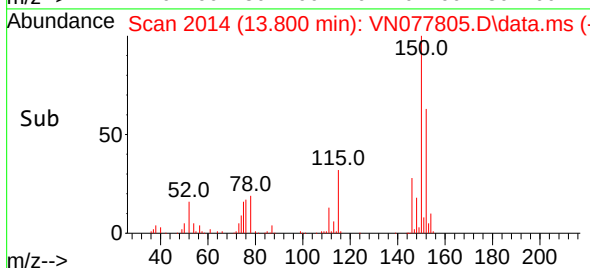
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

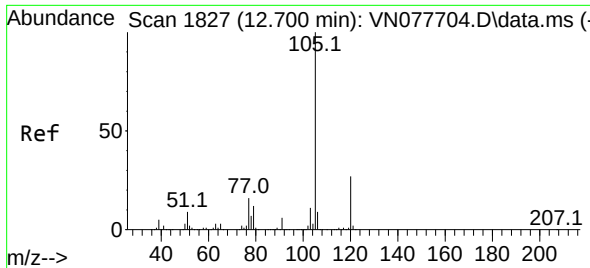


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24



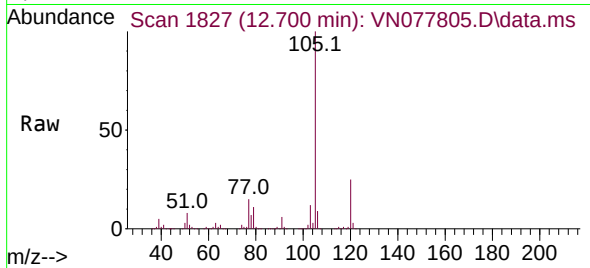
Tgt Ion:152 Resp: 269759
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 178.2 0.0 355.8





#73
Isopropylbenzene
Concen: 53.804 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

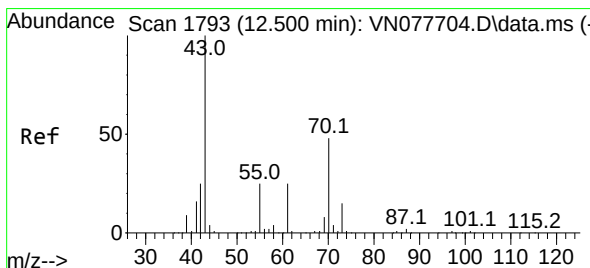
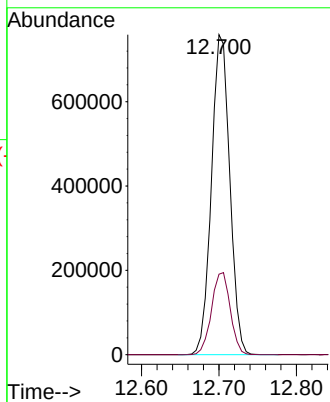
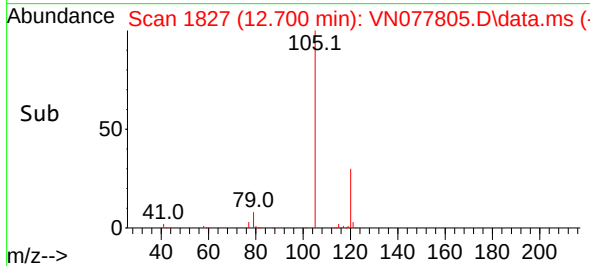
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



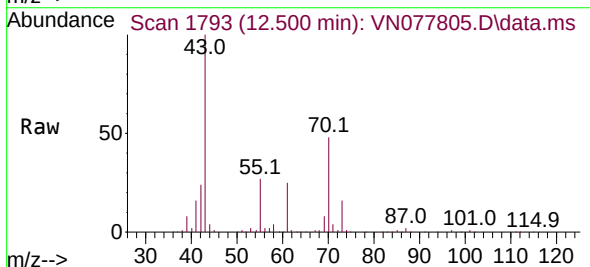
Tgt Ion:105 Resp: 1251110
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

Manual Integrations
APPROVED

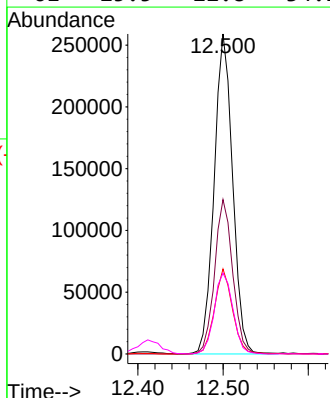
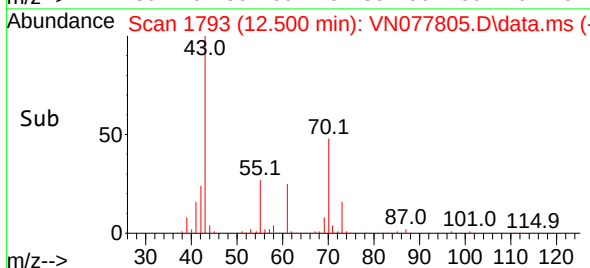
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

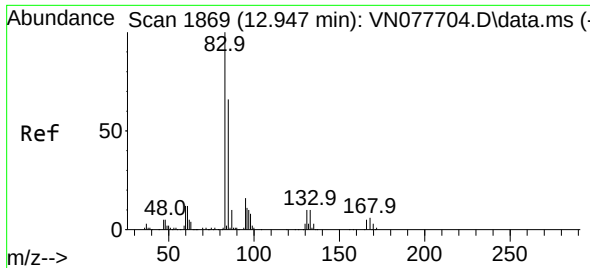


#74
N-ethyl acetate
Concen: 45.589 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24



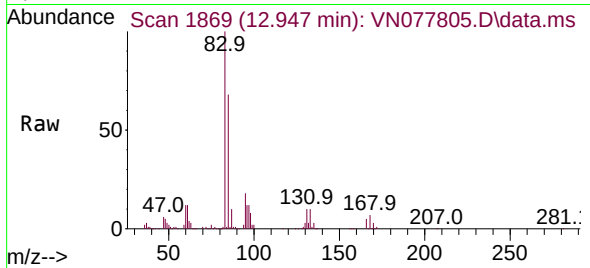
Tgt Ion: 43 Resp: 391842
Ion Ratio Lower Upper
43 100
70 47.2 43.4 65.2
55 26.0 21.4 32.0
61 25.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.326 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

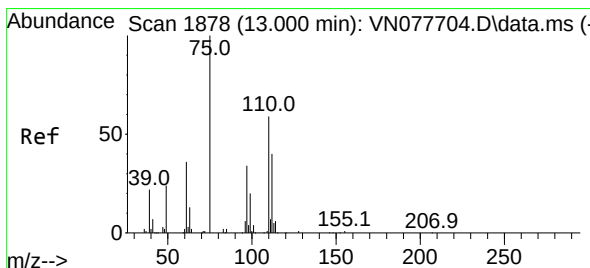
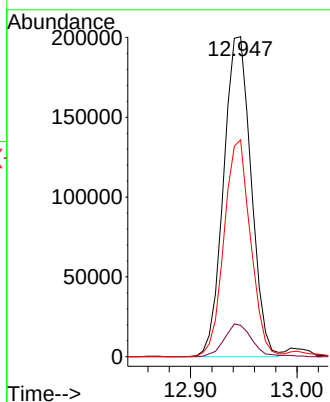
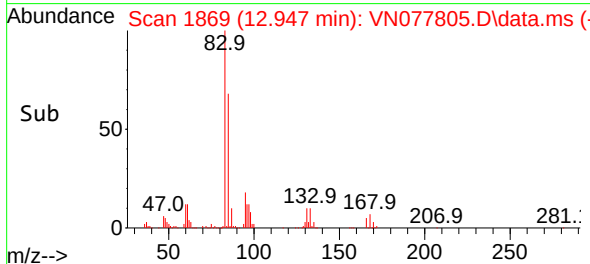
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



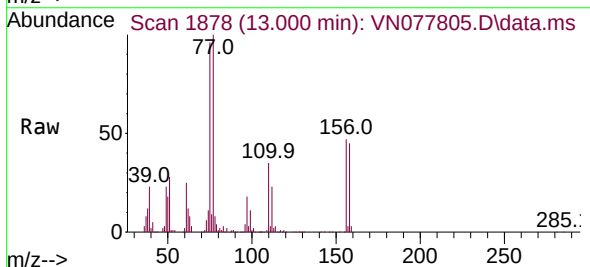
Tgt Ion: 83 Resp: 360010
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 65.1 31.9 95.7

Manual Integrations
APPROVED

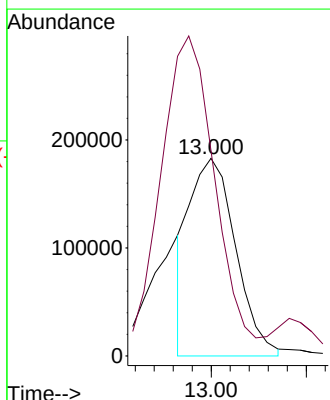
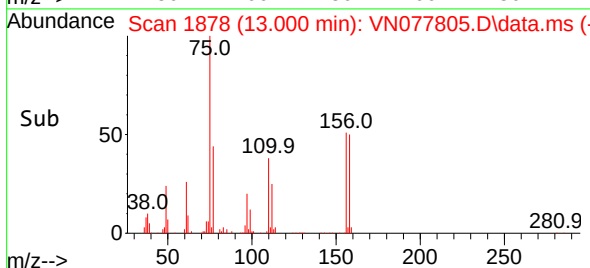
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

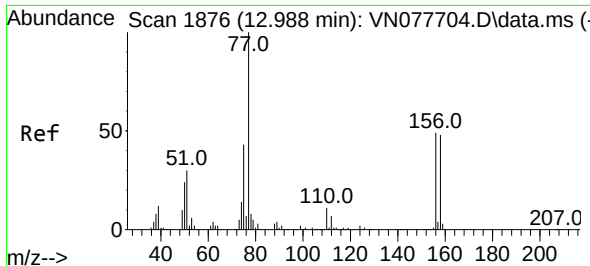


#76
1,2,3-Trichloropropane
Concen: 45.662 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24



Tgt Ion: 75 Resp: 308477
Ion Ratio Lower Upper
75 100
77 191.8 84.5 253.5





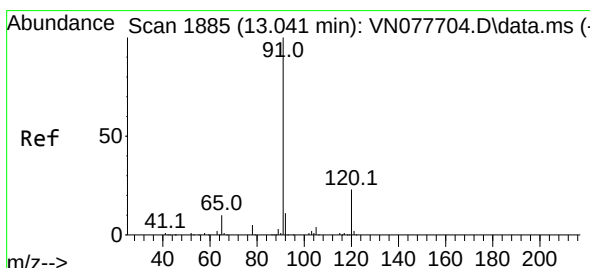
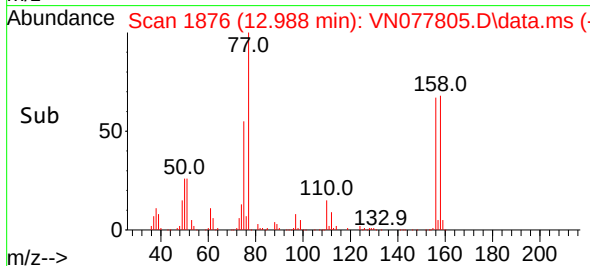
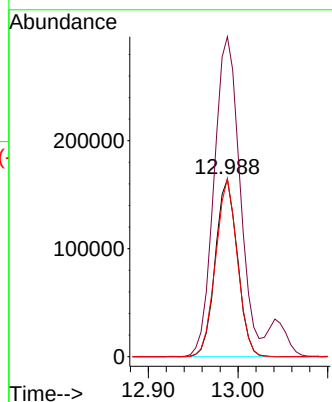
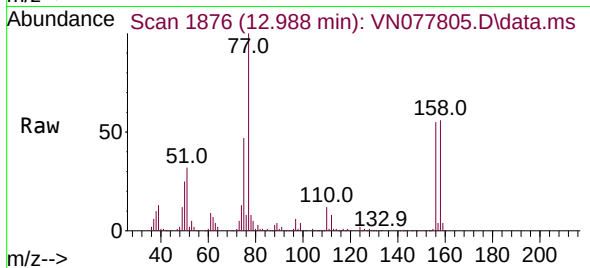
#77
Bromobenzene
Concen: 52.971 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 281095
Ion Ratio Lower Upper
156 100
77 210.5 107.7 323.3
158 98.9 48.4 145.3

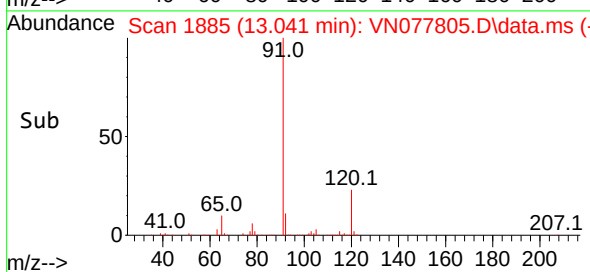
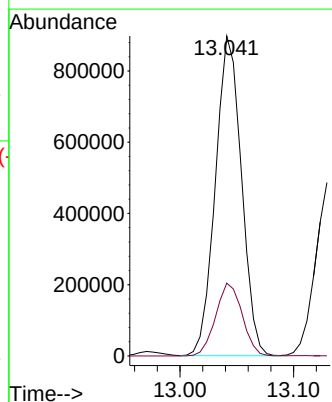
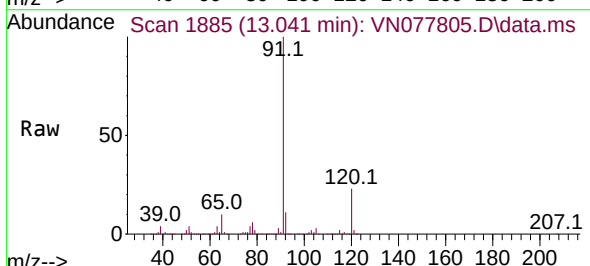
Manual Integrations
APPROVED

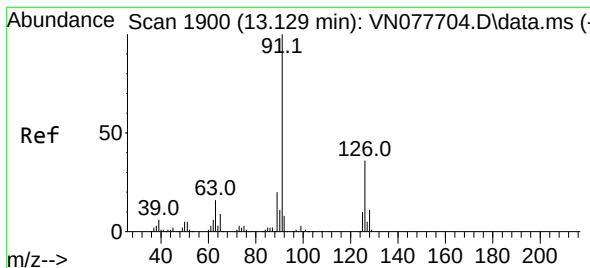
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#78
n-propylbenzene
Concen: 52.159 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

Tgt Ion: 91 Resp: 1429891
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





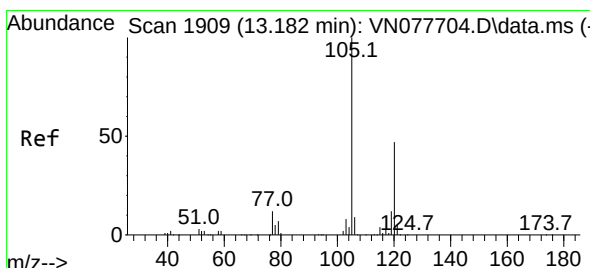
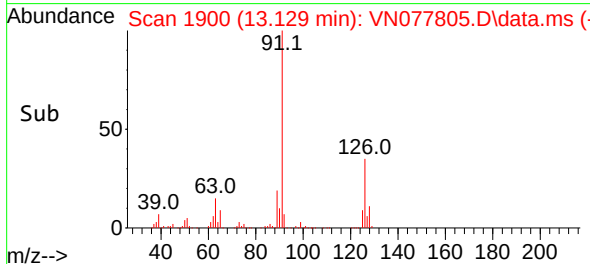
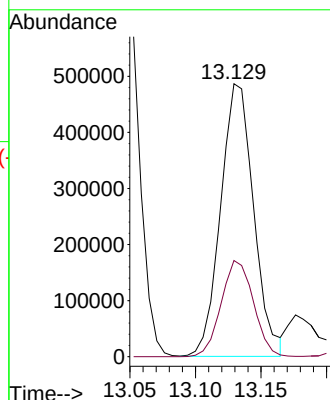
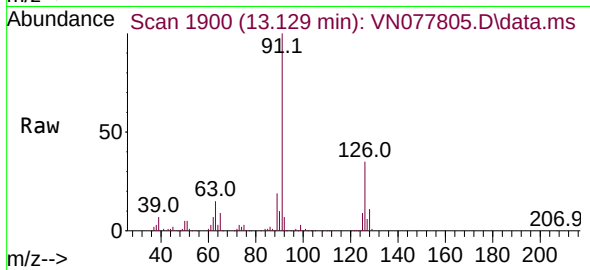
#79
2-Chlorotoluene
Concen: 52.097 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 852234
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8

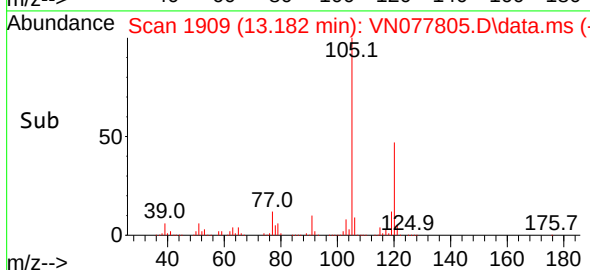
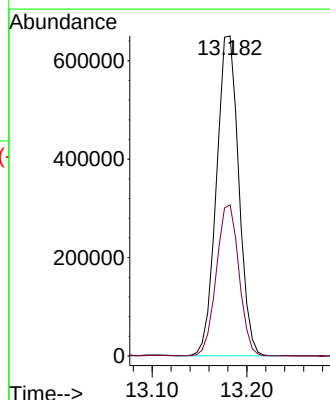
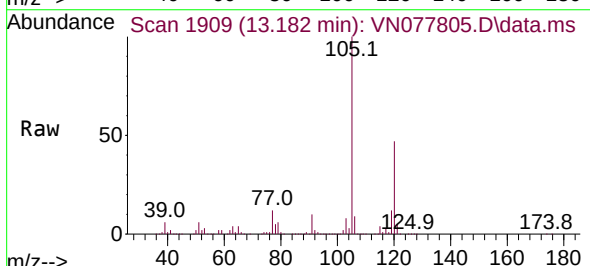
Manual Integrations
APPROVED

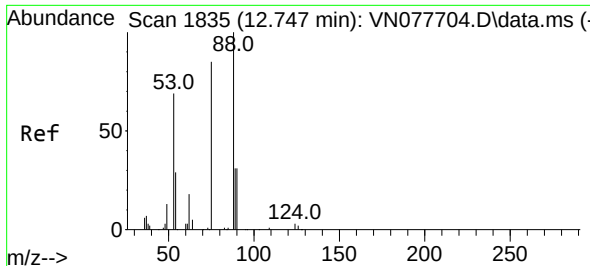
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 54.497 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

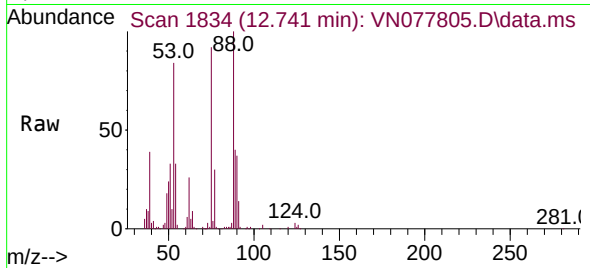
Tgt Ion:105 Resp: 1065056
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 51.730 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

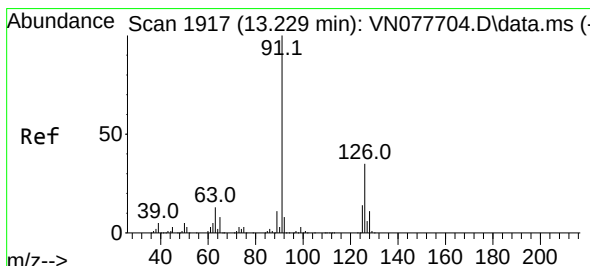
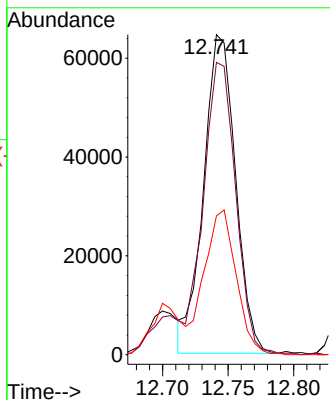
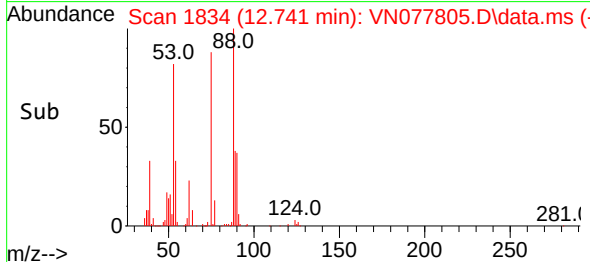
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 109330
Ion Ratio Lower Upper
75 100
53 105.1 67.4 101.2
89 45.6 38.8 58.2

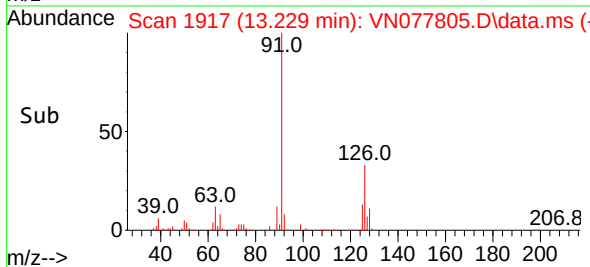
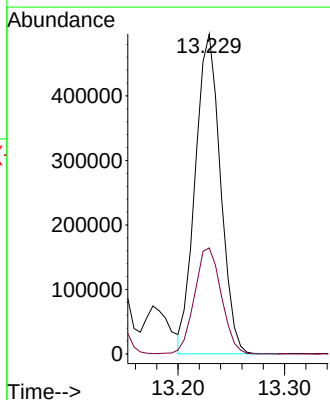
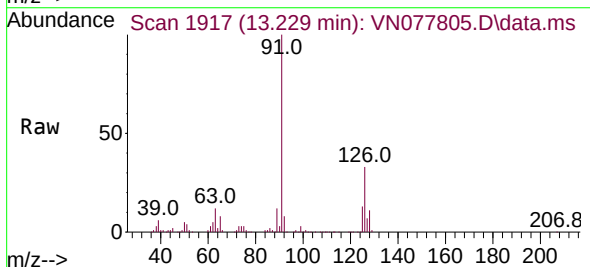
Manual Integrations
APPROVED

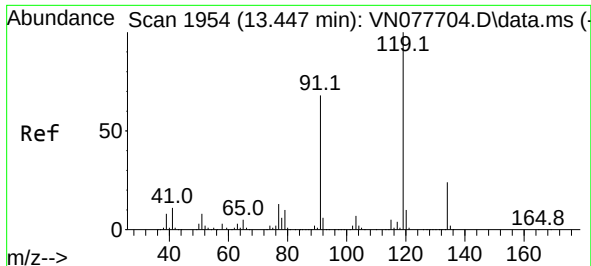
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#82
4-Chlorotoluene
Concen: 50.075 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

Tgt Ion: 91 Resp: 815026
Ion Ratio Lower Upper
91 100
126 35.4 16.7 50.0





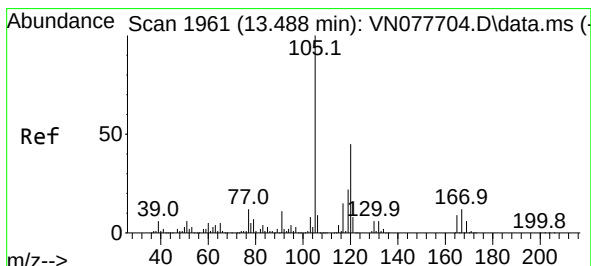
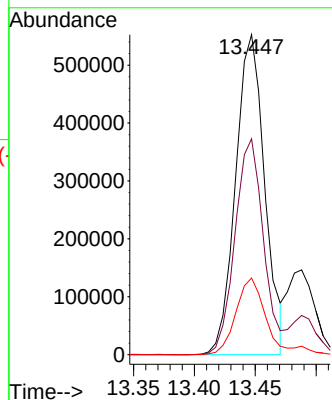
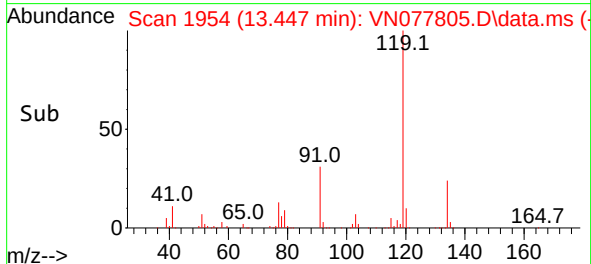
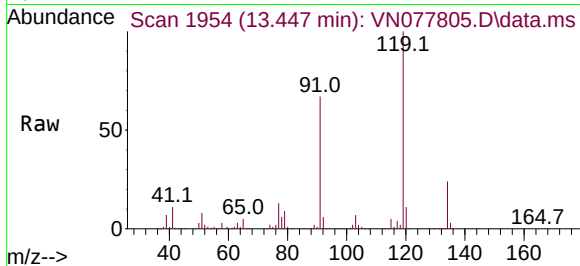
#83
tert-Butylbenzene
Concen: 53.900 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 919604
Ion Ratio Lower Upper
119 100
91 67.5 33.9 101.7
134 25.4 13.2 39.6

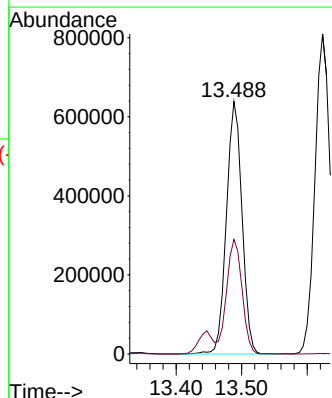
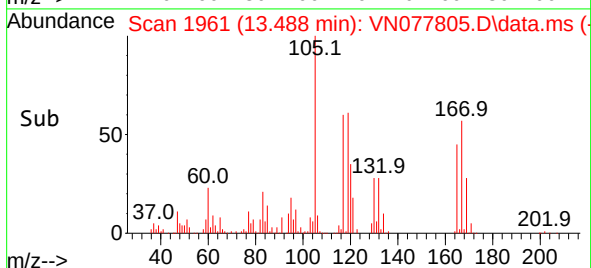
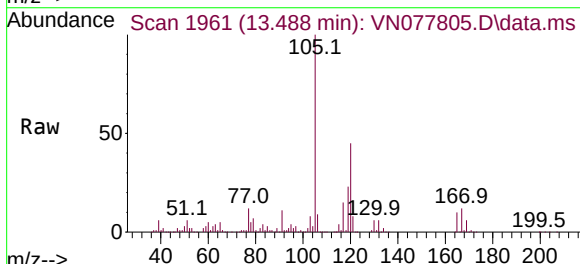
Manual Integrations
APPROVED

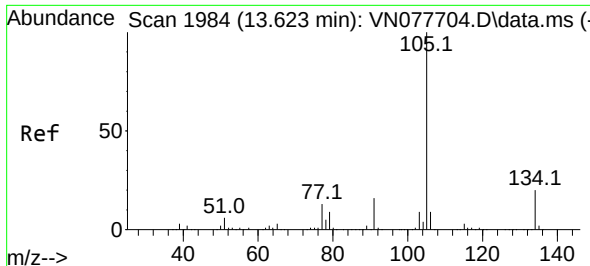
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#84
1,2,4-Trimethylbenzene
Concen: 54.667 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077805.D
Acq: 23 May 2023 10:24

Tgt Ion:105 Resp: 1050739
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 54.108 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077805.D
 Acq: 23 May 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

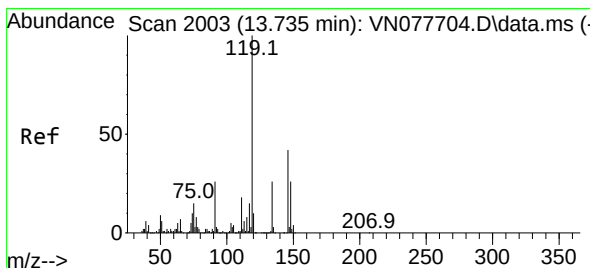
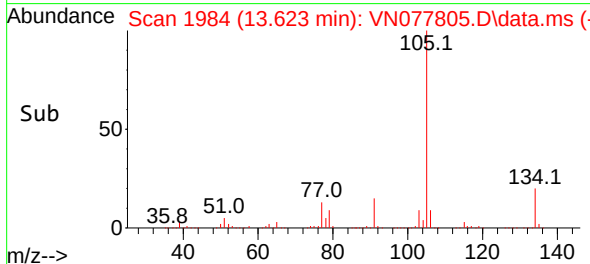
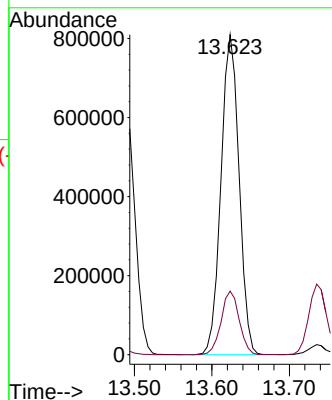
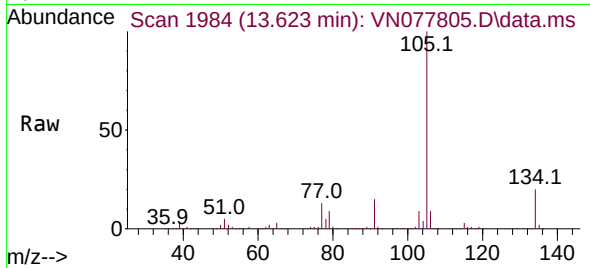
VSTDCCC050

Tgt Ion:105 Resp: 131195
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations

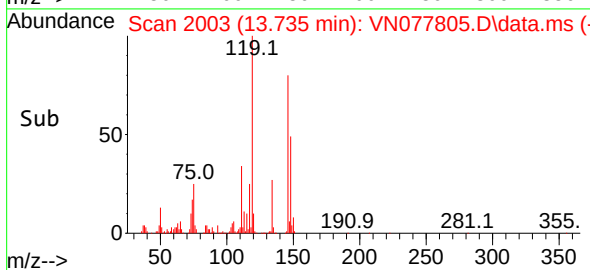
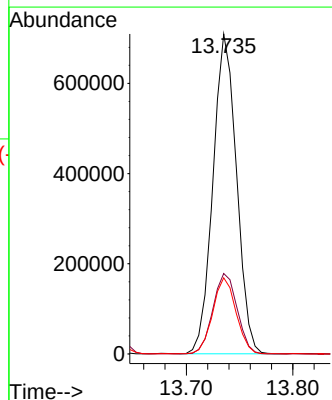
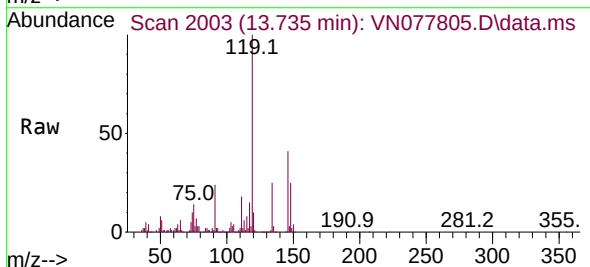
APPROVED

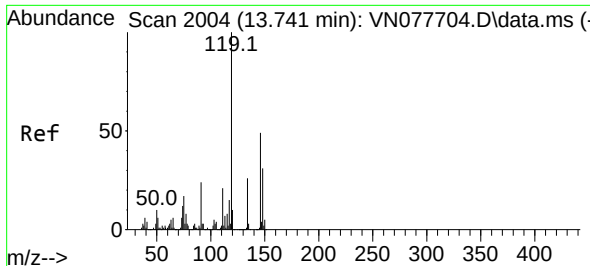
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#86
 p-Isopropyltoluene
 Concen: 56.307 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077805.D
 Acq: 23 May 2023 10:24

Tgt Ion:119 Resp: 1088443
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 23.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 53.612 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 526120

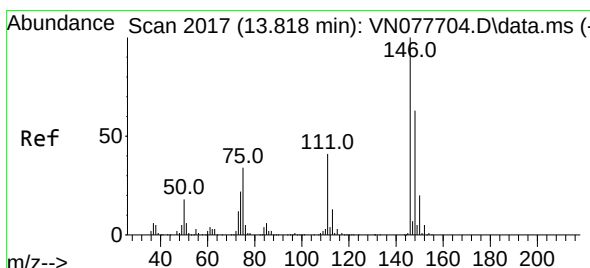
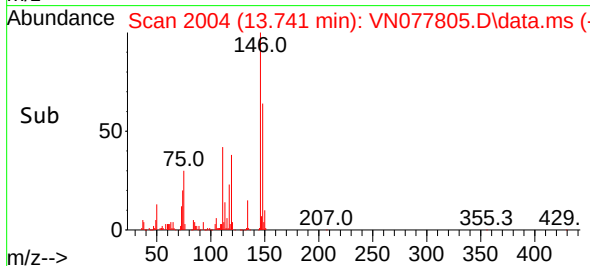
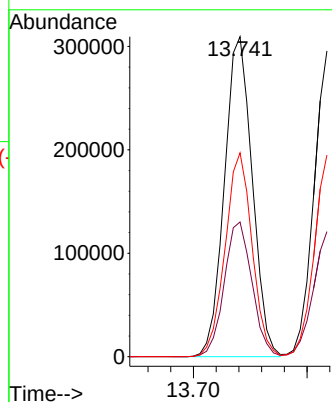
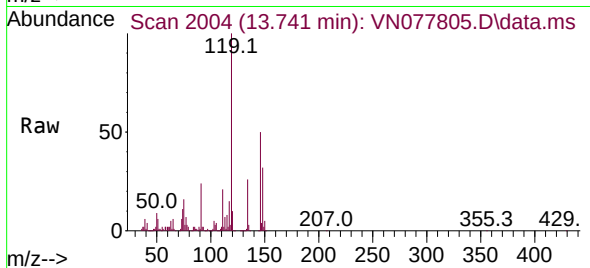
Ion	Ratio	Lower	Upper
146	100		
111	41.9	22.1	66.3
148	61.8	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#88

1,4-Dichlorobenzene

Concen: 52.026 ug/l

RT: 13.817 min Scan# 2017

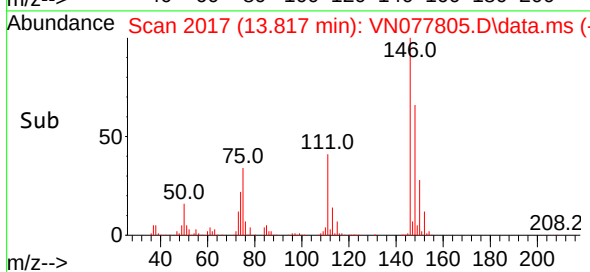
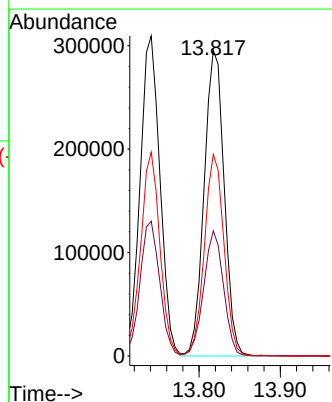
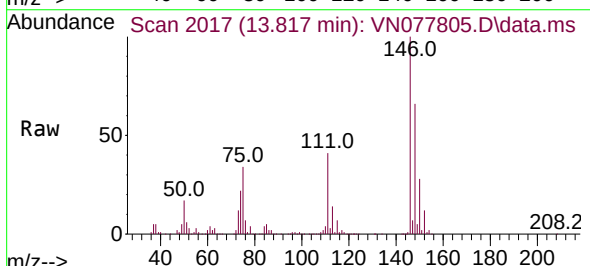
Delta R.T. 0.000 min

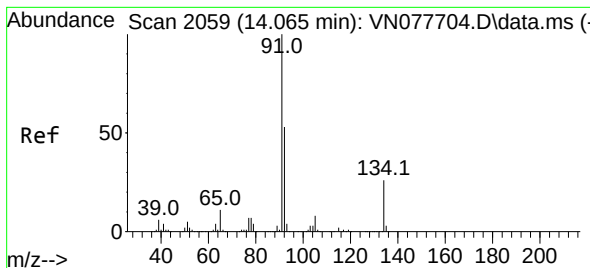
Lab File: VN077805.D

Acq: 23 May 2023 10:24

Tgt Ion:146 Resp: 506646

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.8
148	64.4	31.6	94.8





#89

n-Butylbenzene

Concen: 51.040 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

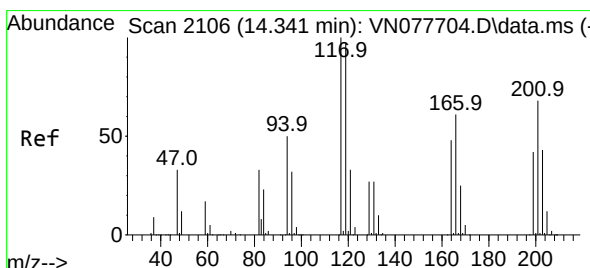
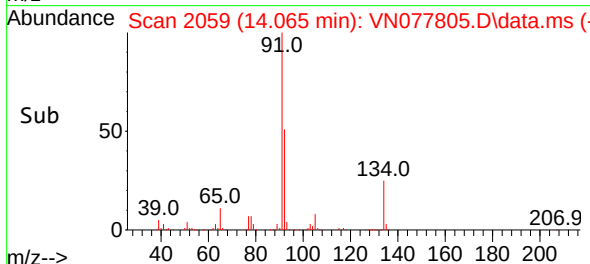
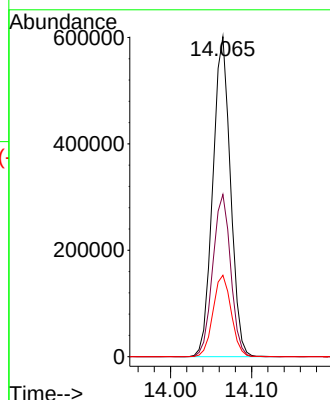
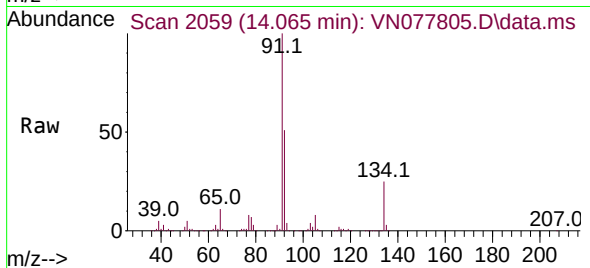
Tgt Ion:	91	Resp:	907480
Ion Ratio	Lower	Upper	
91	100		
92	51.5	26.4	79.0
134	26.2	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#90

Hexachloroethane

Concen: 59.576 ug/l

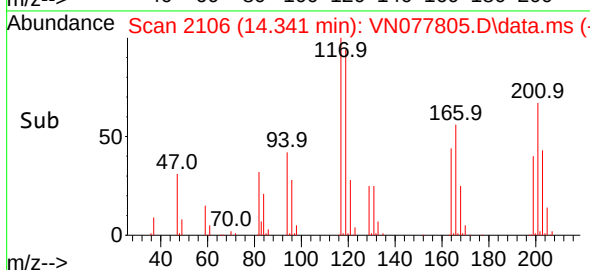
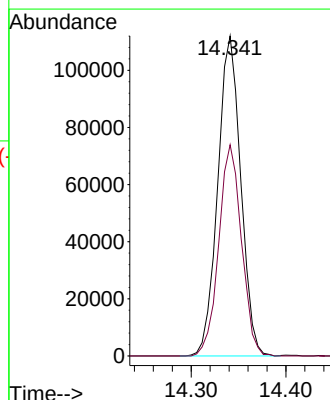
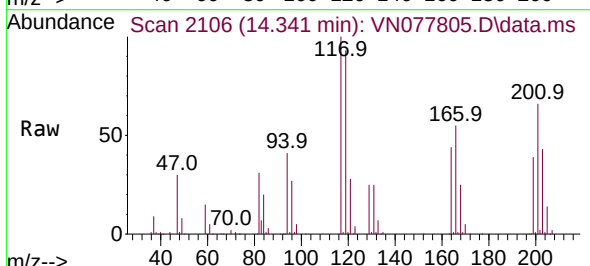
RT: 14.341 min Scan# 2106

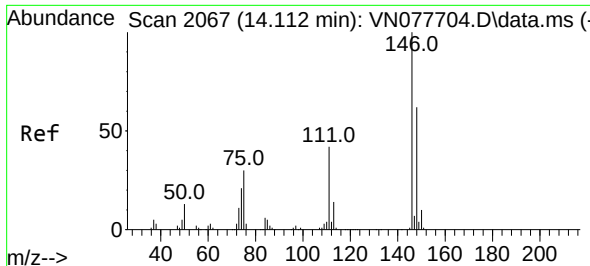
Delta R.T. -0.000 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

Tgt Ion:	117	Resp:	189188
Ion Ratio	Lower	Upper	
117	100		
201	65.1	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 56.346 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 516580

Ion Ratio Lower Upper

146 100

111 42.9 22.0 66.0

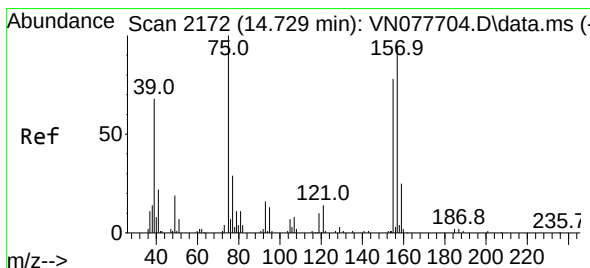
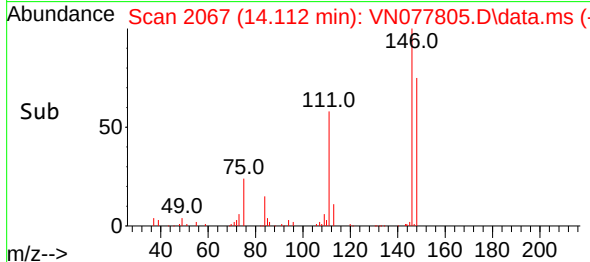
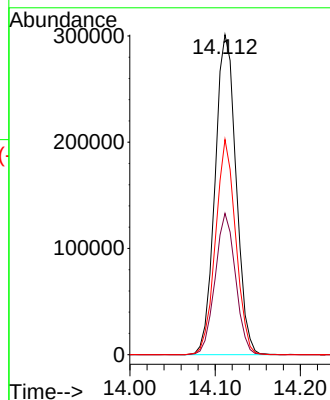
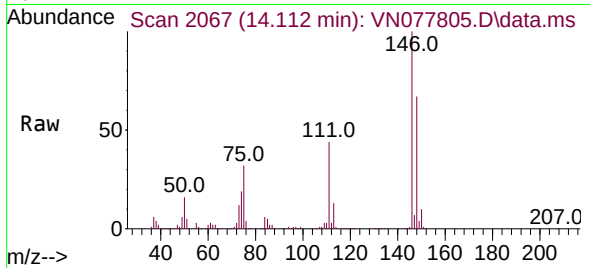
148 64.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.829 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

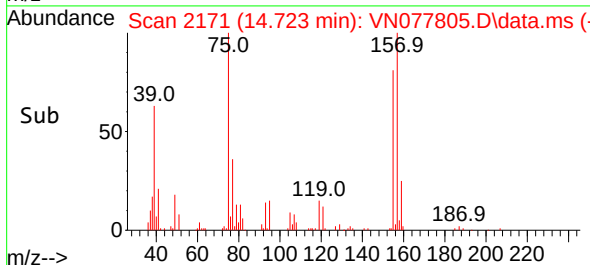
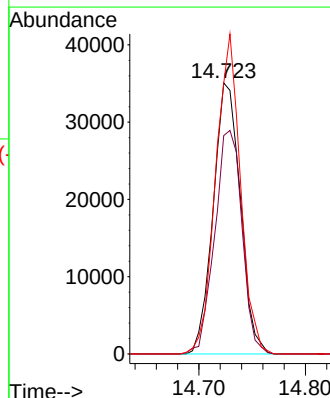
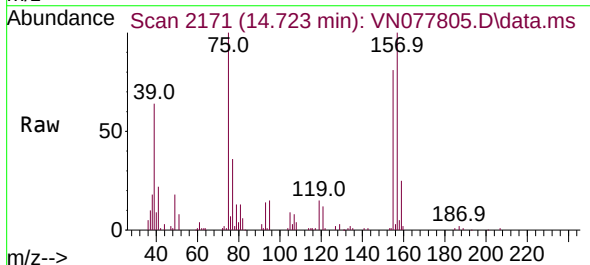
Tgt Ion: 75 Resp: 62086

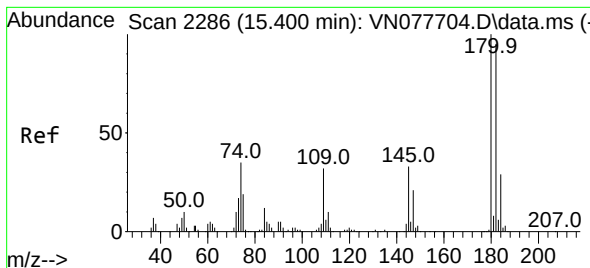
Ion Ratio Lower Upper

75 100

155 82.7 39.1 117.2

157 107.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 46.530 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077805.D

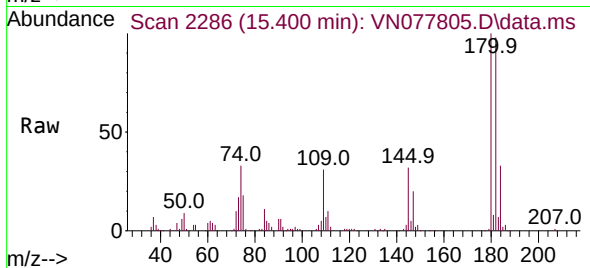
Acq: 23 May 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 249289

Ion Ratio Lower Upper

180 100

182 95.8 46.1 138.2

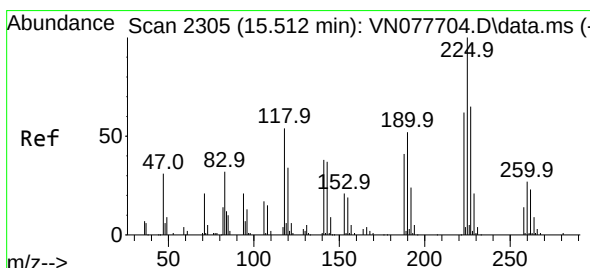
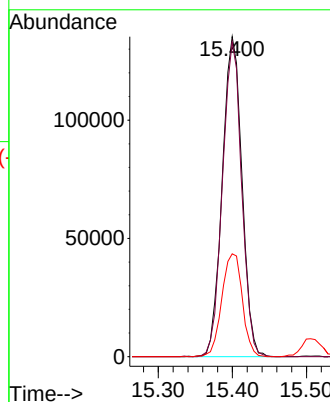
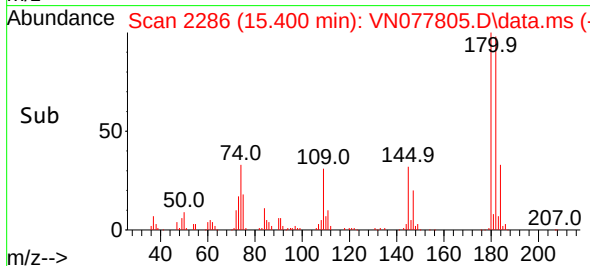
145 33.5 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#94

Hexachlorobutadiene

Concen: 56.552 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

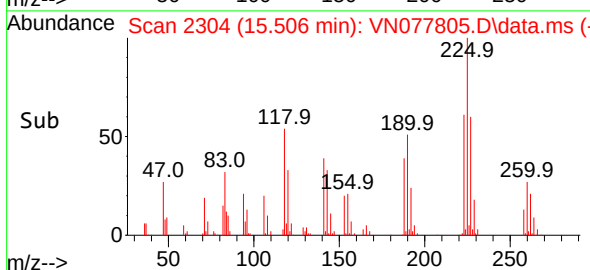
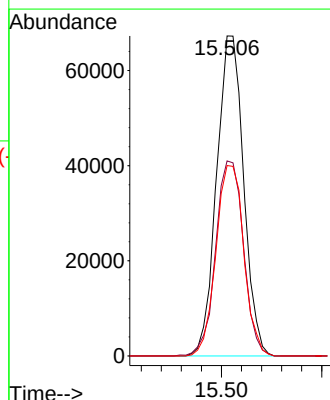
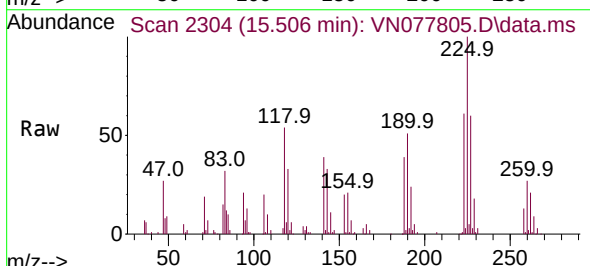
Tgt Ion:225 Resp: 125796

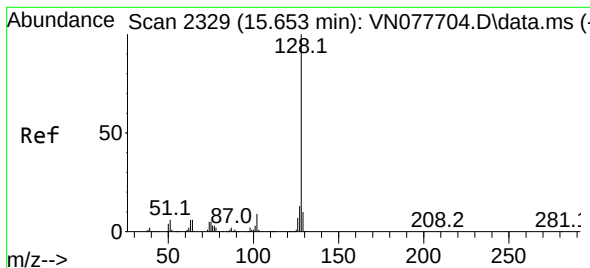
Ion Ratio Lower Upper

225 100

223 62.7 31.3 93.8

227 61.3 31.9 95.9





#95

Naphthalene

Concen: 40.600 ug/l

RT: 15.647 min Scan# 2329

Delta R.T. -0.000 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 748692

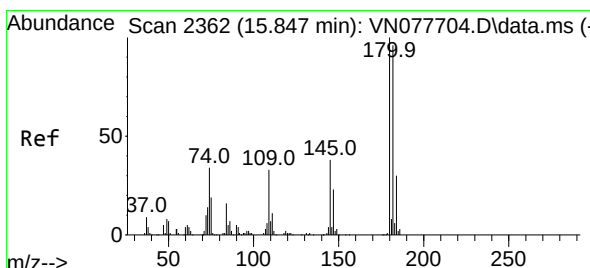
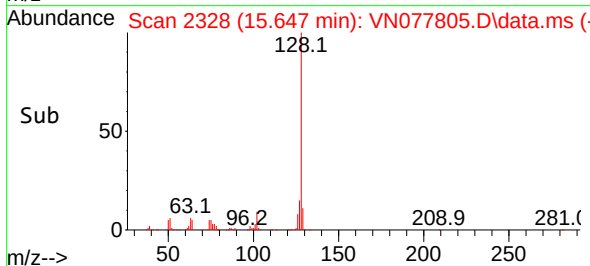
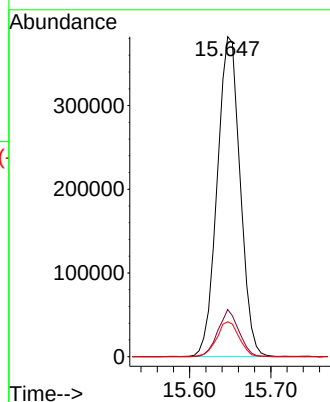
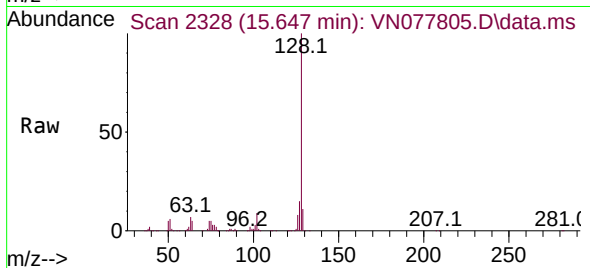
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.0	15.0
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#96

1,2,3-Trichlorobenzene

Concen: 48.861 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077805.D

Acq: 23 May 2023 10:24

Tgt Ion:180 Resp: 256301

Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.2	138.6
145	34.6	17.5	52.6

