

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077896.D
 Acq On : 25 May 2023 12:42
 Operator : JC\MD
 Sample : VN0525MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0525MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/26/2023

Quant Time: May 25 16:29:31 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	392772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	718948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	625753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	252376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	297085	50.552	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.100%			
35) Dibromofluoromethane	8.177	113	248573	53.021	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.040%			
50) Toluene-d8	10.571	98	946848	52.471	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.940%			
62) 4-Bromofluorobenzene	12.853	95	314060	49.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	79501	17.785	ug/l	99
3) Chloromethane	2.371	50	86932	17.166	ug/l	93
4) Vinyl Chloride	2.524	62	109750	19.474	ug/l	94
5) Bromomethane	2.965	94	89545	21.483	ug/l	98
6) Chloroethane	3.130	64	78006	19.206	ug/l	96
7) Trichlorofluoromethane	3.507	101	163370	20.801	ug/l	97
8) Diethyl Ether	3.971	74	57757	20.143	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.377	101	89938	20.692	ug/l	98
10) Methyl Iodide	4.595	142	114104	22.012	ug/l	96
11) Tert butyl alcohol	5.524	59	75344	92.895	ug/l	98
12) 1,1-Dichloroethene	4.354	96	88003	21.303	ug/l	94
13) Acrolein	4.189	56	49197	77.699	ug/l	94
14) Allyl chloride	5.036	41	113265	18.664	ug/l	96
15) Acrylonitrile	5.730	53	203560	93.942	ug/l	98
16) Acetone	4.436	43	183810	99.414	ug/l	98
17) Carbon Disulfide	4.724	76	208398	18.722	ug/l	98
18) Methyl Acetate	5.036	43	149191	19.234	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	299156	20.007	ug/l	97
20) Methylene Chloride	5.283	84	106246	20.929	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	94066	20.271	ug/l	97
22) Diisopropyl ether	6.677	45	278190	19.557	ug/l #	91
23) Vinyl Acetate	6.612	43	826723	93.803	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	178223	20.451	ug/l	97
25) 2-Butanone	7.489	43	265010	91.626	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	150746	20.361	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	114789	20.630	ug/l	90
28) Bromochloromethane	7.824	49	82428	21.870	ug/l	89
29) Tetrahydrofuran	7.847	42	171381	90.493	ug/l	87
30) Chloroform	7.977	83	190160	19.836	ug/l	97
31) Cyclohexane	8.265	56	152168	19.051	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	167124	20.505	ug/l	95
36) 1,1-Dichloropropene	8.383	75	139317	20.317	ug/l	97
37) Ethyl Acetate	7.571	43	112972	18.484	ug/l	94
38) Carbon Tetrachloride	8.365	117	151121	21.825	ug/l	90
39) Methylcyclohexane	9.606	83	165440	19.707	ug/l	93
40) Benzene	8.612	78	424769	20.991	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	59396	18.248	ug/l	95
42) 1,2-Dichloroethane	8.677	62	149286	20.309	ug/l	99
43) Isopropyl Acetate	8.694	43	184383	18.469	ug/l	98
44) Trichloroethene	9.359	130	113474	22.147	ug/l	98
45) 1,2-Dichloropropane	9.630	63	106116	20.559	ug/l	90
46) Dibromomethane	9.718	93	74879	20.274	ug/l	94
47) Bromodichloromethane	9.894	83	149141	21.092	ug/l	98
48) Methyl methacrylate	9.688	41	90792	19.182	ug/l	87
49) 1,4-Dioxane	9.700	88	35961	402.261	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	563187	94.907	ug/l	94
52) Toluene	10.635	92	271849	21.580	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	150341	20.078	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	169354	20.523	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	103352	20.662	ug/l	96
56) Ethyl methacrylate	10.882	69	147900	19.556	ug/l	93
57) 1,3-Dichloropropane	11.171	76	175236	20.436	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	324739	87.279	ug/l	91
59) 2-Hexanone	11.200	43	391847	89.275	ug/l	95
60) Dibromochloromethane	11.365	129	109230	21.153	ug/l	97
61) 1,2-Dibromoethane	11.477	107	102718	20.585	ug/l	99
64) Tetrachloroethene	11.106	164	104540	23.889	ug/l	99
65) Chlorobenzene	11.894	112	288854	21.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	102826	21.906	ug/l	98
67) Ethyl Benzene	11.971	91	517675	21.295	ug/l	100
68) m/p-Xylenes	12.077	106	395295	42.914	ug/l	97
69) o-Xylene	12.406	106	198927	21.959	ug/l	100
70) Styrene	12.418	104	302857	21.045	ug/l	98
71) Bromoform	12.588	173	64979	20.810	ug/l #	100
73) Isopropylbenzene	12.700	105	498865	22.931	ug/l	99
74) N-amyl acetate	12.500	43	147535	18.347	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	138652	20.717	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	121687m	19.253	ug/l	
77) Bromobenzene	12.988	156	108361	21.827	ug/l	96
78) n-propylbenzene	13.041	91	562586	21.935	ug/l	100
79) 2-Chlorotoluene	13.129	91	341676	22.325	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	420534	23.000	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	35832	18.122	ug/l #	86
82) 4-Chlorotoluene	13.229	91	318841	20.939	ug/l	99
83) tert-Butylbenzene	13.447	119	356735	22.349	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	414653	23.059	ug/l	98
85) sec-Butylbenzene	13.623	105	489686	21.587	ug/l	99
86) p-Isopropyltoluene	13.735	119	408322	22.578	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	189654	20.657	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	182204	19.999	ug/l	97
89) n-Butylbenzene	14.065	91	318742	19.162	ug/l	100
90) Hexachloroethane	14.341	117	64612	21.748	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	186775	21.776	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24118	18.614	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	73570	14.678	ug/l	98
94) Hexachlorobutadiene	15.506	225	37728	18.129	ug/l	98
95) Naphthalene	15.647	128	227765	13.202	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	75859	15.458	ug/l	96

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

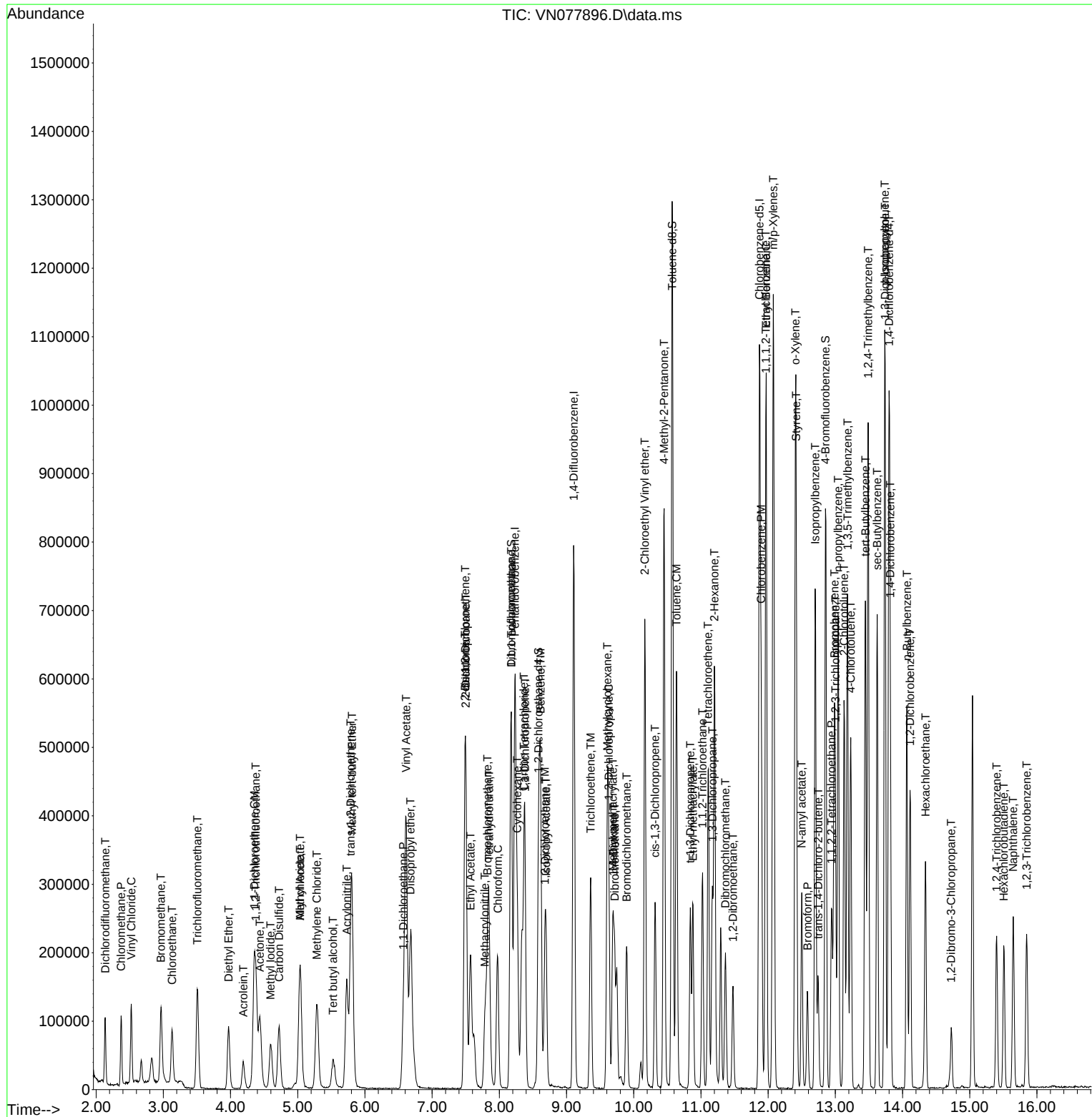
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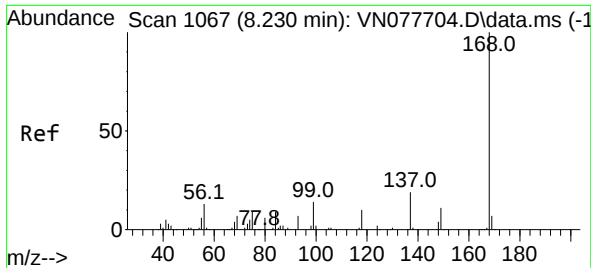
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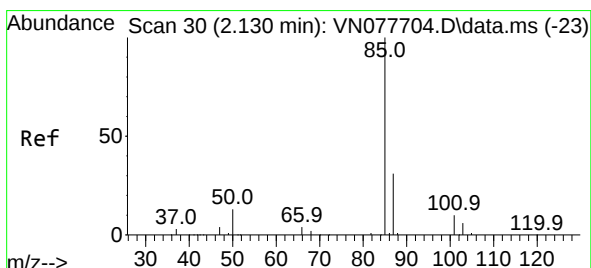
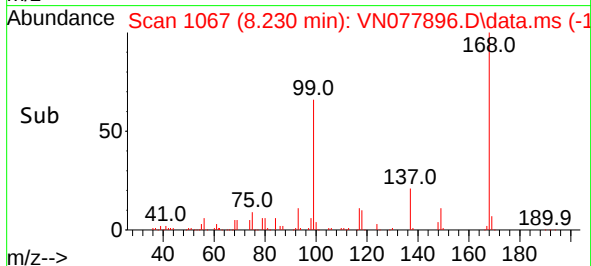
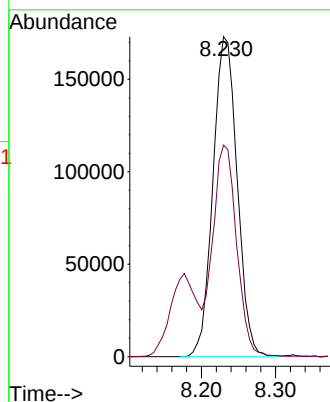
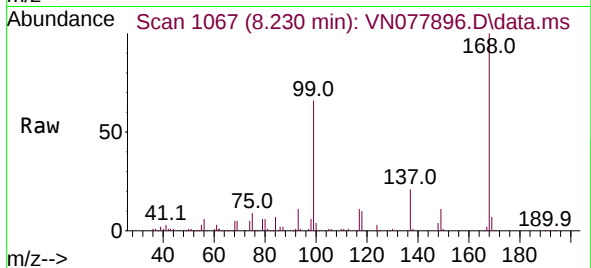
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

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ClientSampleId :
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Tgt Ion:168 Resp: 392772
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6

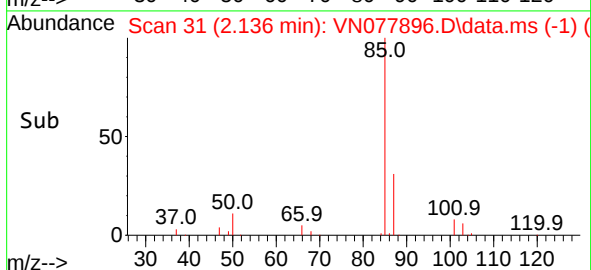
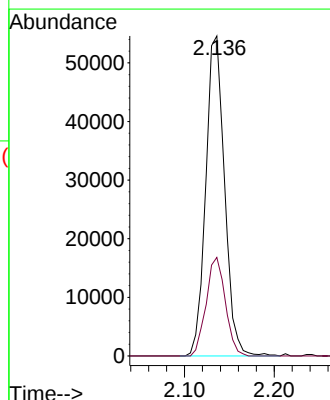
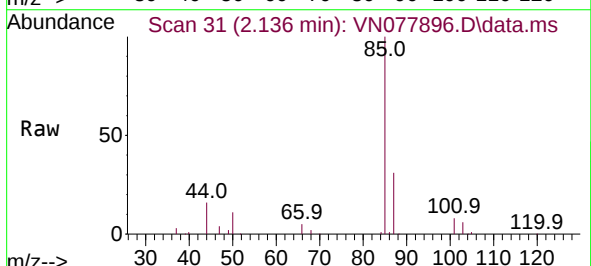
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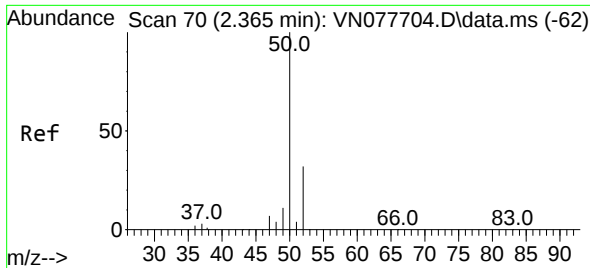
Reviewed By :John Carlone 05/25/2023
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#2
Dichlorodifluoromethane
Concen: 17.785 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

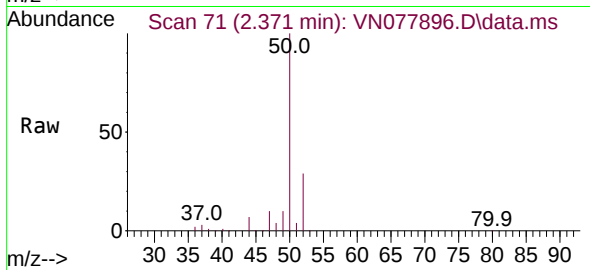
Tgt Ion: 85 Resp: 79501
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.4





#3
Chloromethane
Concen: 17.166 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

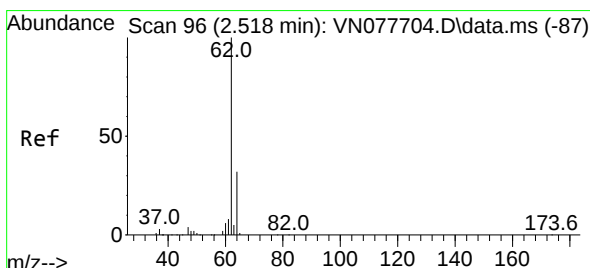
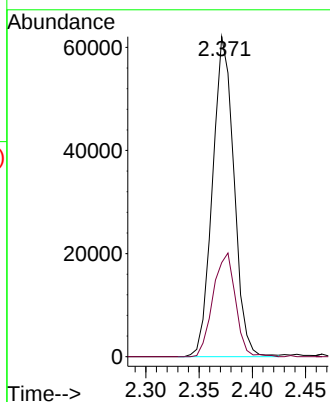
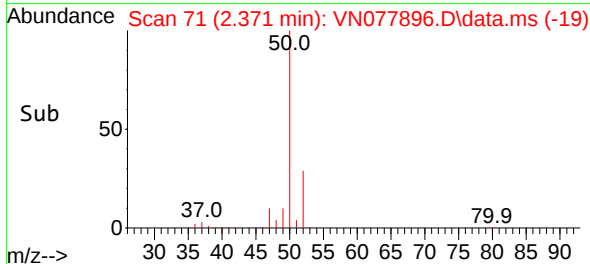
Instrument :
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Tgt Ion: 50 Resp: 8693
Ion Ratio Lower Upper
50 100
52 29.4 26.5 39.7

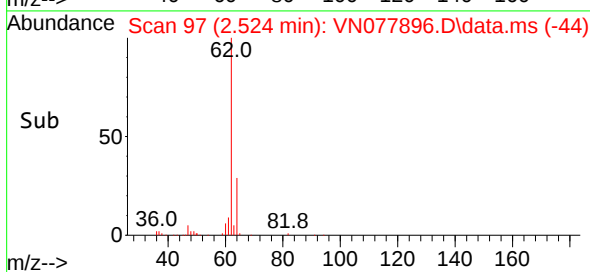
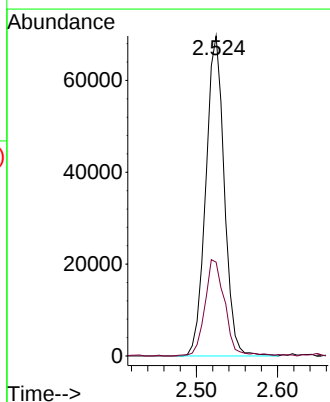
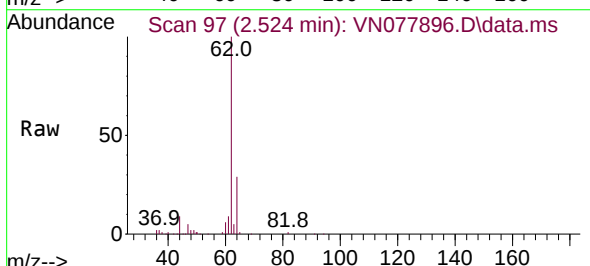
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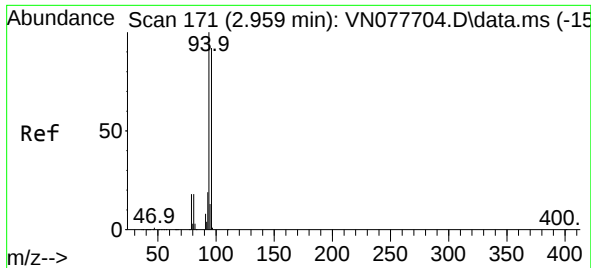
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#4
Vinyl Chloride
Concen: 19.474 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

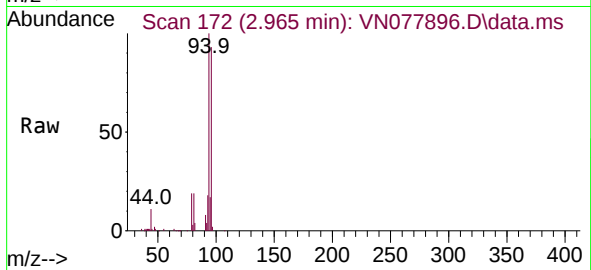
Tgt Ion: 62 Resp: 109750
Ion Ratio Lower Upper
62 100
64 29.1 26.2 39.2





#5
Bromomethane
Concen: 21.483 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

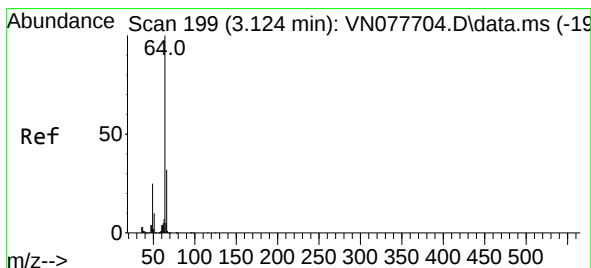
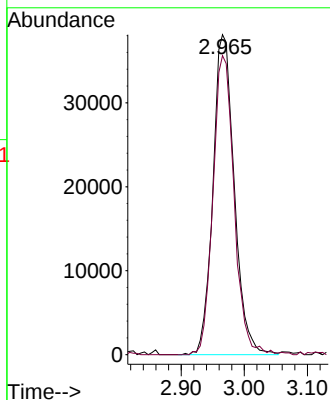
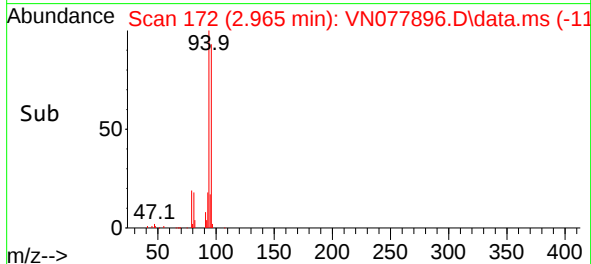
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Tgt Ion: 94 Resp: 8954
Ion Ratio Lower Upper
94 100
96 93.4 73.1 109.7

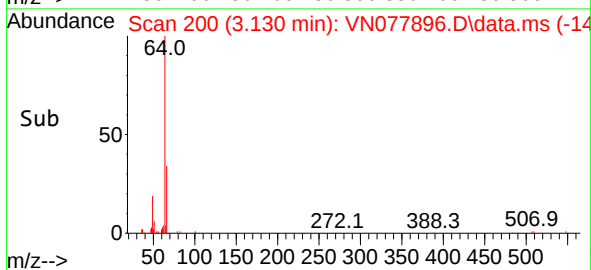
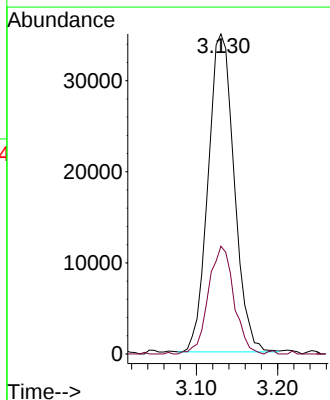
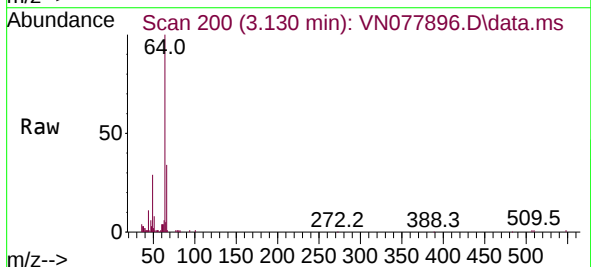
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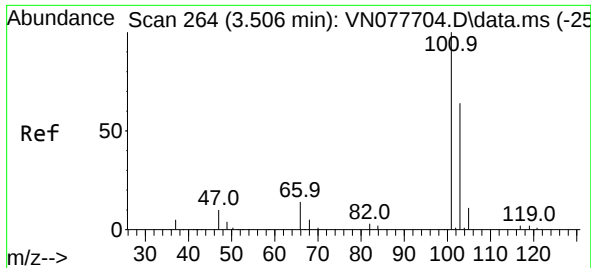
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#6
Chloroethane
Concen: 19.206 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

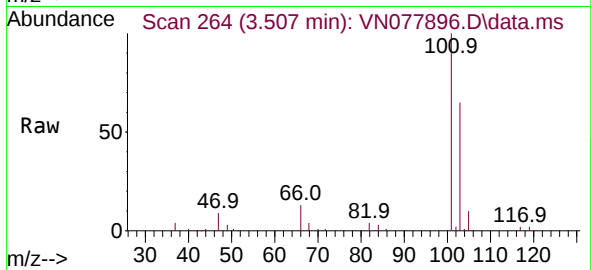
Tgt Ion: 64 Resp: 78006
Ion Ratio Lower Upper
64 100
66 33.9 25.4 38.2





#7
Trichlorofluoromethane
Concen: 20.801 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

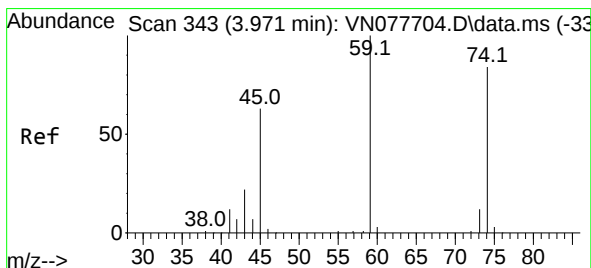
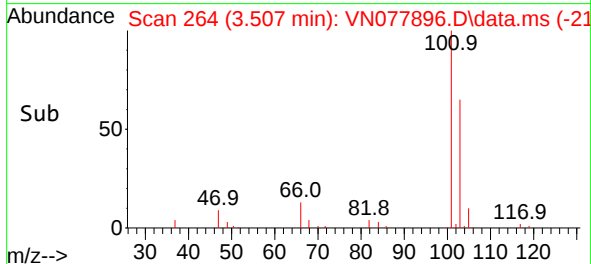
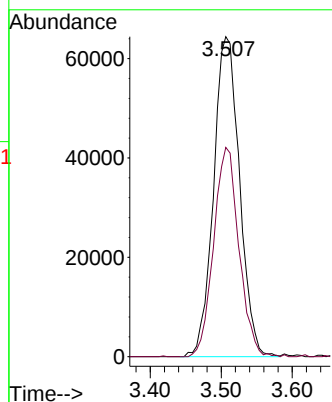
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Tgt Ion:101 Resp: 163370
Ion Ratio Lower Upper
101 100
103 65.4 50.7 76.1

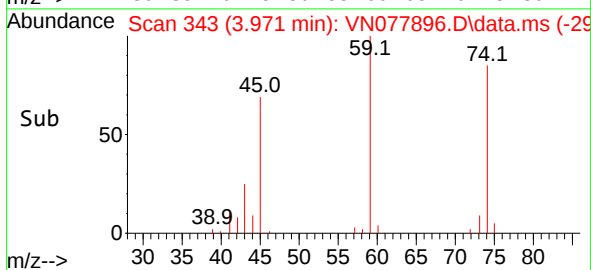
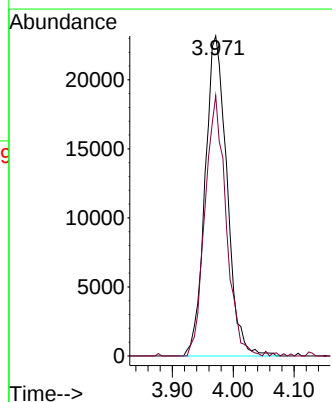
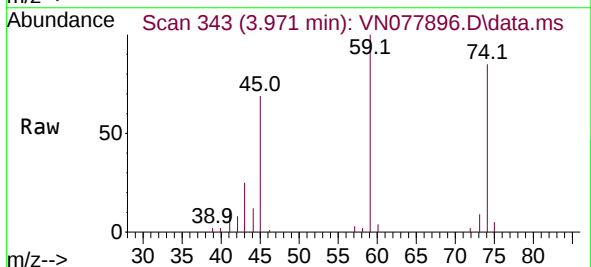
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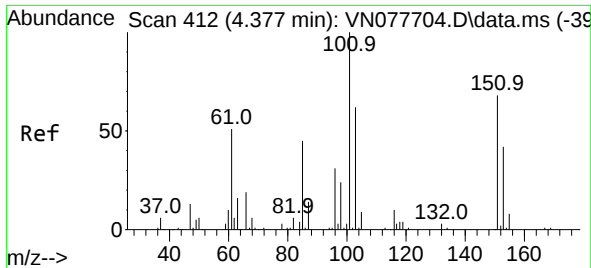
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#8
Diethyl Ether
Concen: 20.143 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

Tgt Ion: 74 Resp: 57757
Ion Ratio Lower Upper
74 100
45 78.4 34.4 103.3





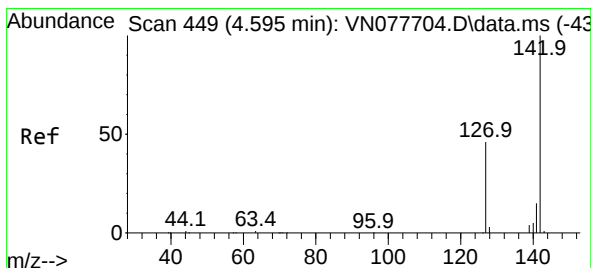
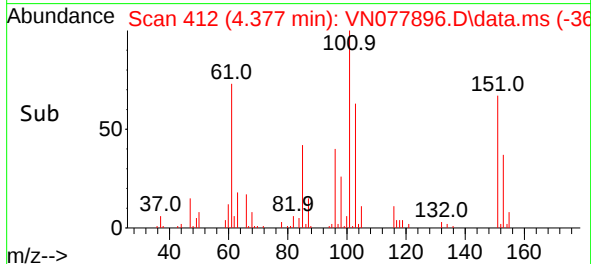
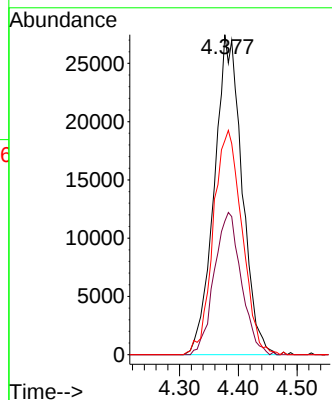
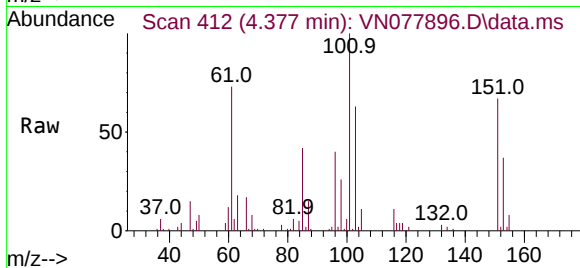
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.692 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01

Tgt Ion:101 Resp: 89938
Ion Ratio Lower Upper
101 100
85 43.3 36.6 55.0
151 72.9 57.6 86.4

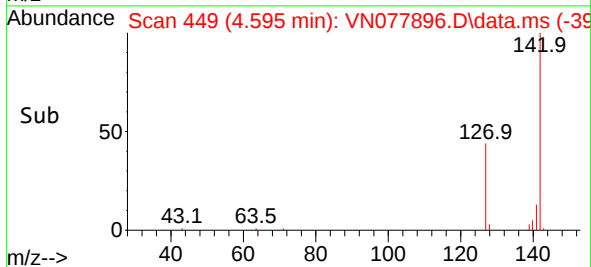
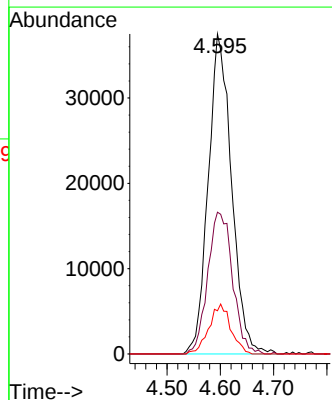
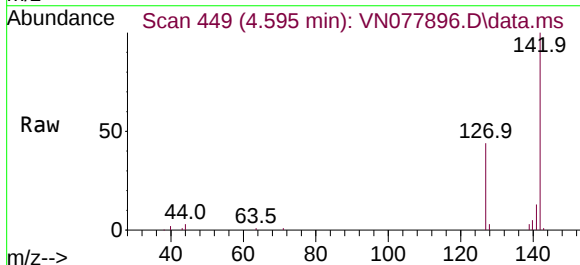
Manual Integrations
APPROVED

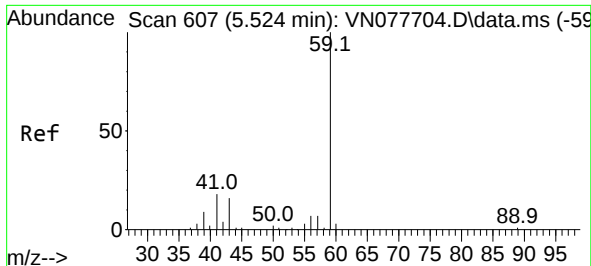
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#10
Methyl Iodide
Concen: 22.012 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.001 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

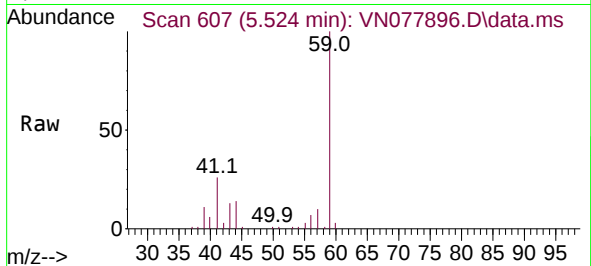
Tgt Ion:142 Resp: 114104
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 13.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 92.895 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

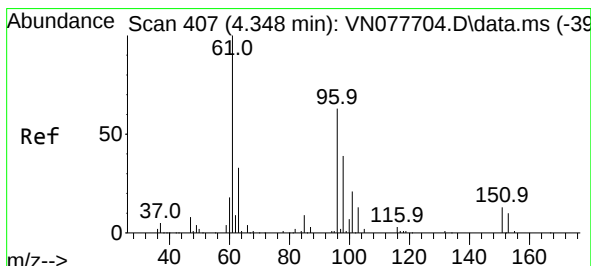
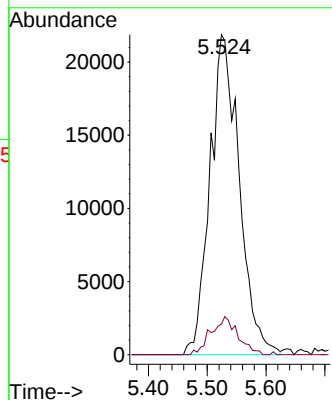
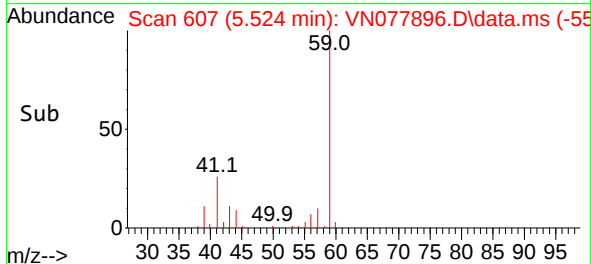
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



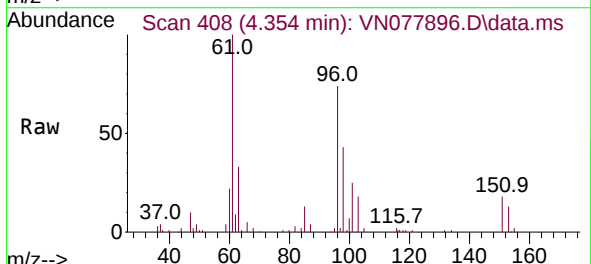
Tgt Ion: 59 Resp: 75344
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

Manual Integrations
APPROVED

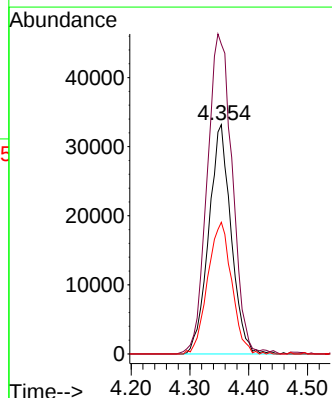
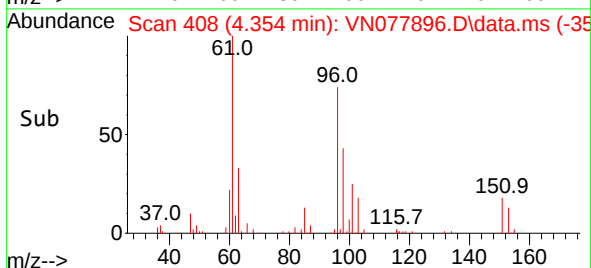
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

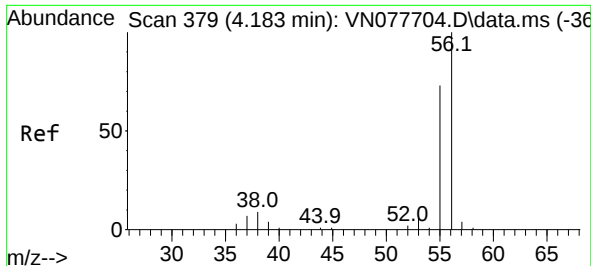


#12
1,1-Dichloroethene
Concen: 21.303 ug/l
RT: 4.354 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



Tgt Ion: 96 Resp: 88003
Ion Ratio Lower Upper
96 100
61 135.1 112.7 169.1
98 57.5 51.2 76.8





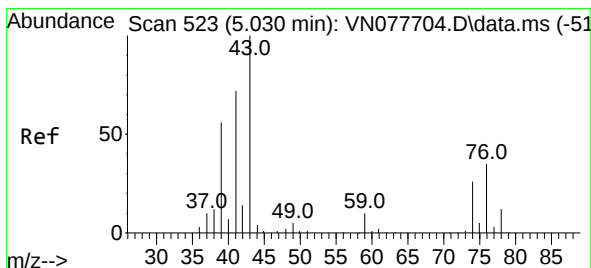
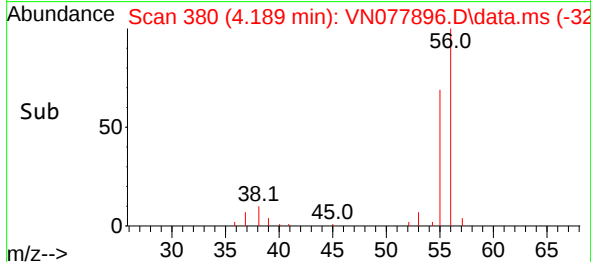
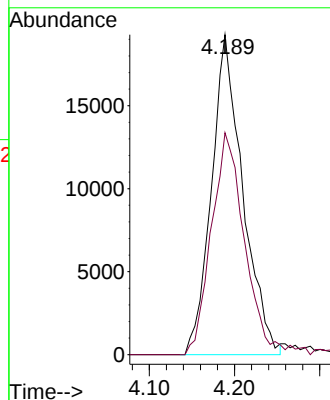
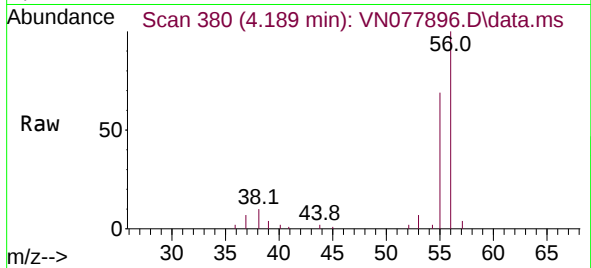
#13
Acrolein
Concen: 77.699 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01

Tgt Ion: 56 Resp: 4919
Ion Ratio Lower Upper
56 100
55 72.7 54.5 81.7

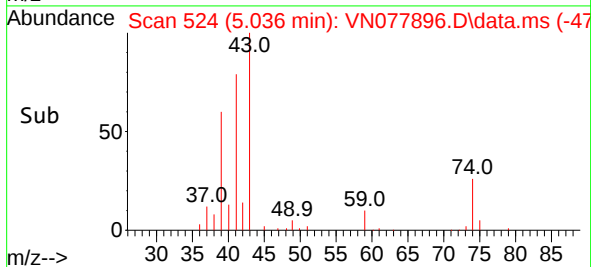
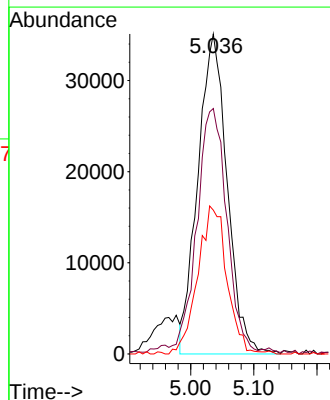
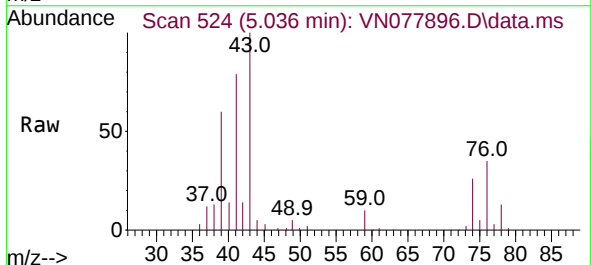
Manual Integrations
APPROVED

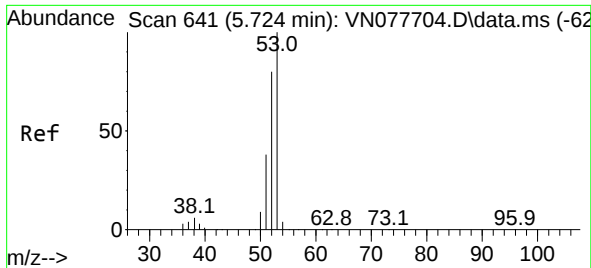
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#14
Allyl chloride
Concen: 18.664 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

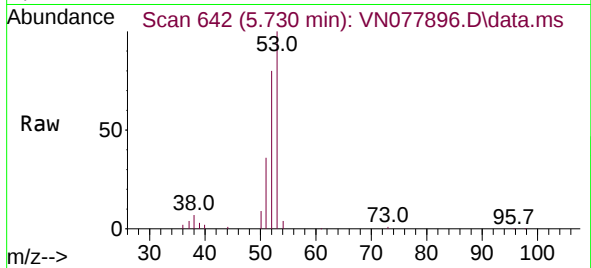
Tgt Ion: 41 Resp: 113265
Ion Ratio Lower Upper
41 100
39 76.3 58.8 88.2
76 45.8 39.1 58.7





#15
Acrylonitrile
Concen: 93.942 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

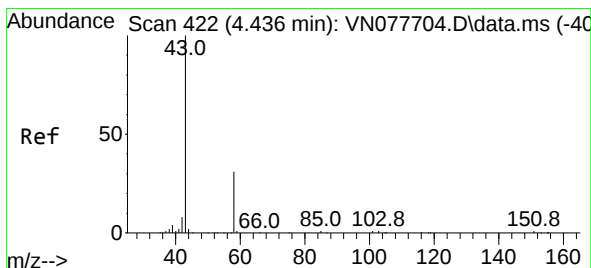
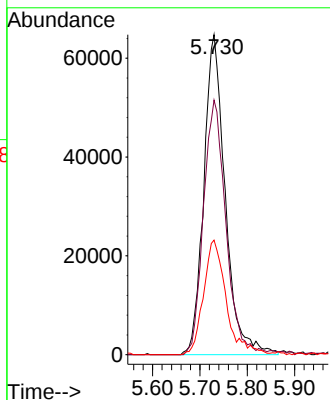
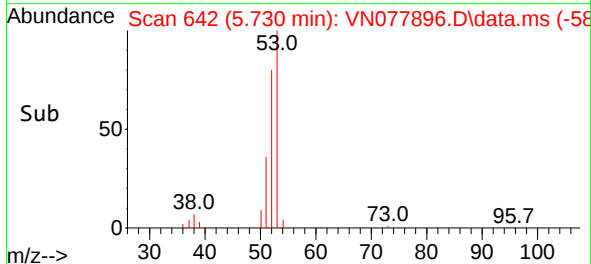
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



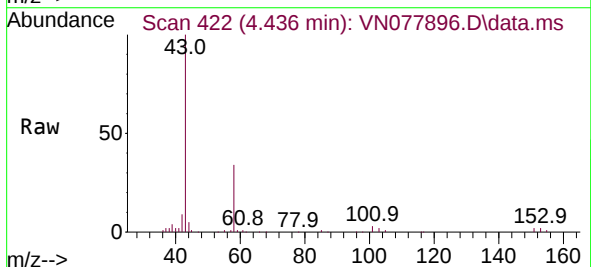
Tgt Ion: 53 Resp: 203560
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 37.9 28.9 43.3

Manual Integrations
APPROVED

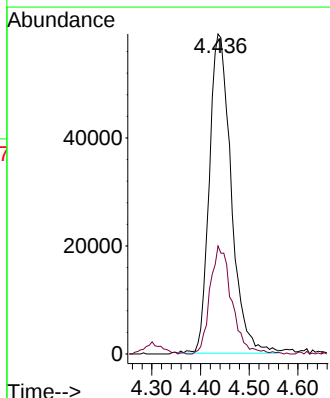
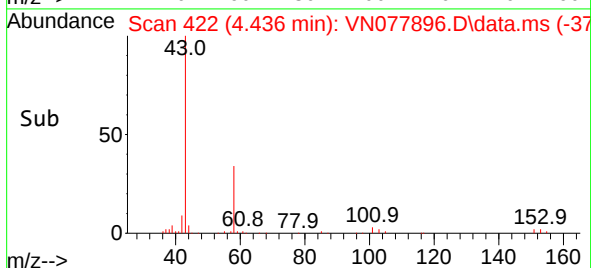
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

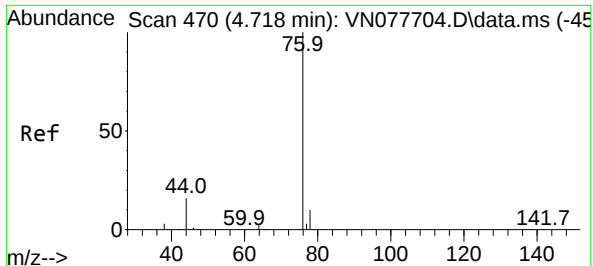


#16
Acetone
Concen: 99.414 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



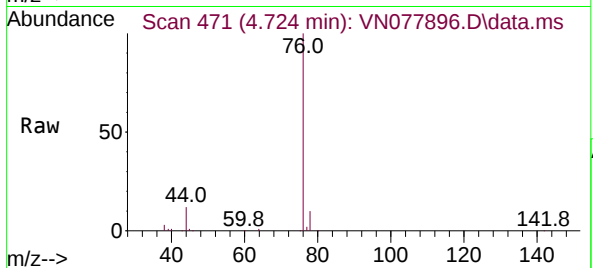
Tgt Ion: 43 Resp: 183810
Ion Ratio Lower Upper
43 100
58 33.9 28.0 42.0





#17
Carbon Disulfide
Concen: 18.722 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

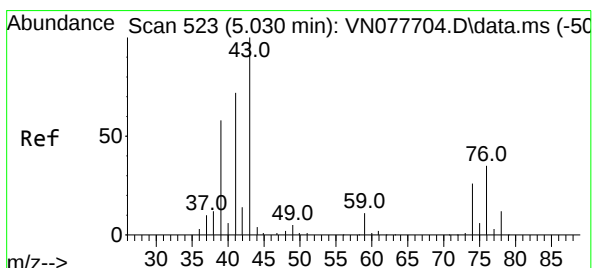
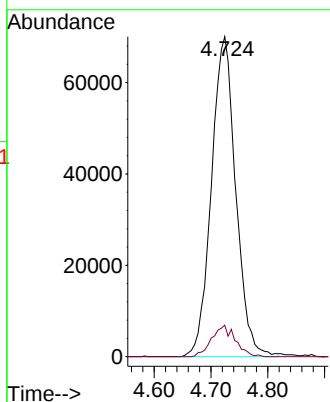
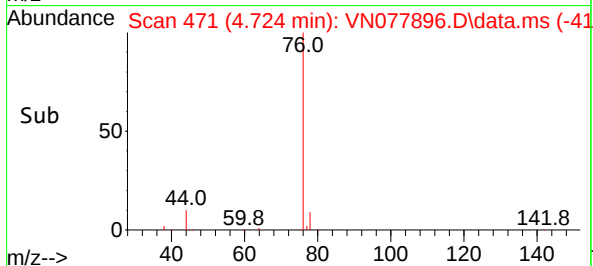
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



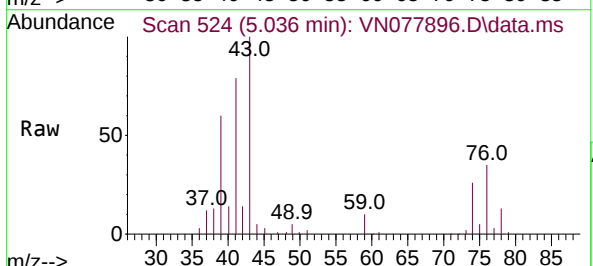
Tgt Ion: 76 Resp: 208398
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

Manual Integrations
APPROVED

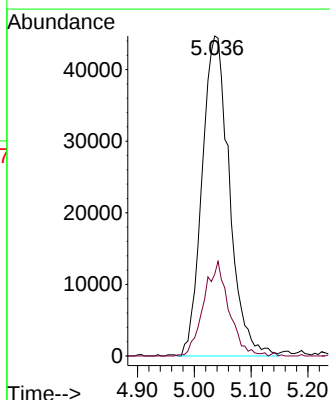
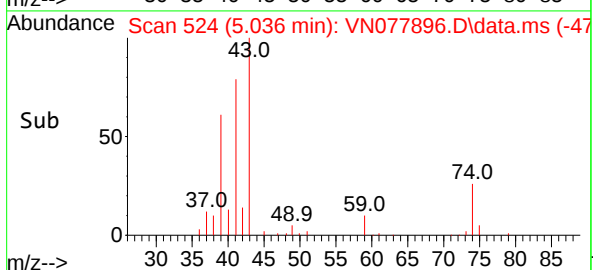
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

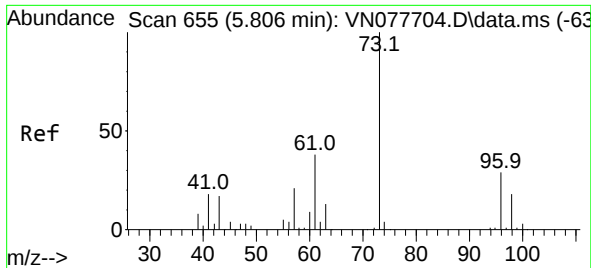


#18
Methyl Acetate
Concen: 19.234 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



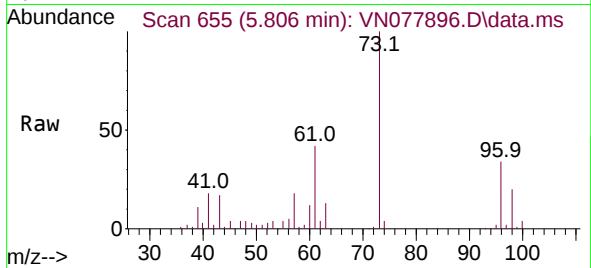
Tgt Ion: 43 Resp: 149191
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 20.007 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

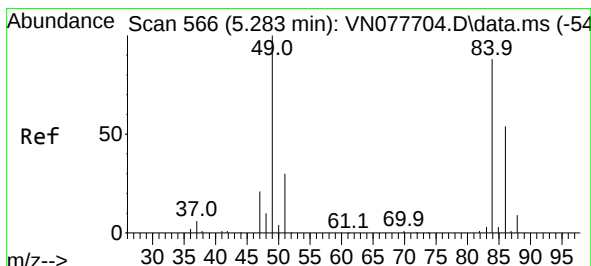
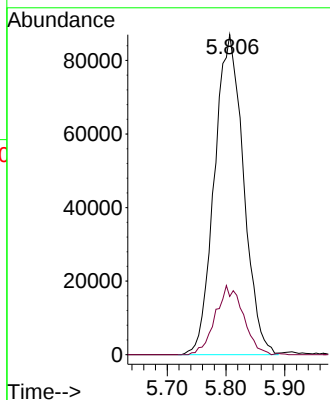
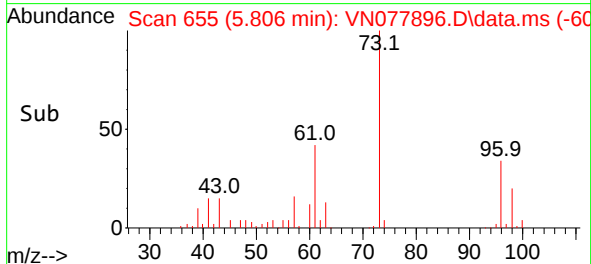
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



Tgt Ion: 73 Resp: 299156
Ion Ratio Lower Upper
73 100
57 18.2 15.6 23.4

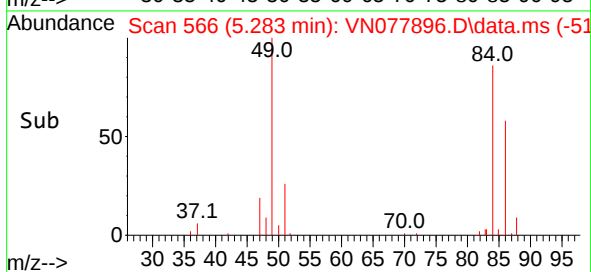
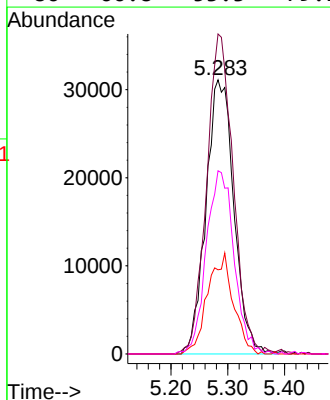
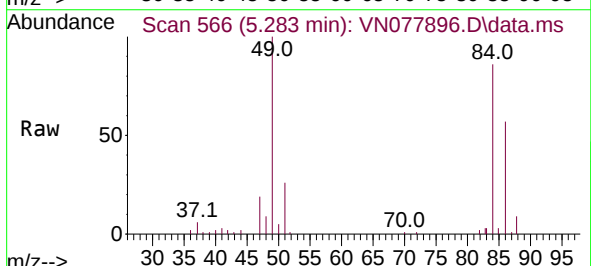
Manual Integrations
APPROVED

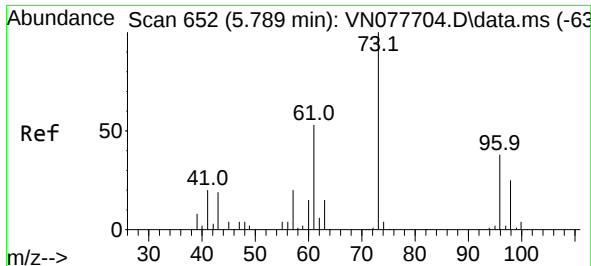
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#20
Methylene Chloride
Concen: 20.929 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

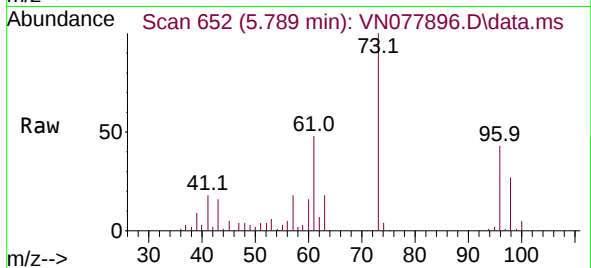
Tgt Ion: 84 Resp: 106246
Ion Ratio Lower Upper
84 100
49 116.2 79.7 119.5
51 30.7 25.2 37.8
86 66.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 20.271 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

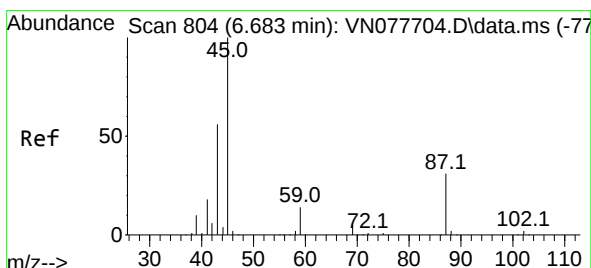
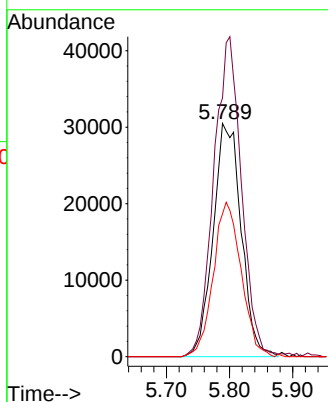
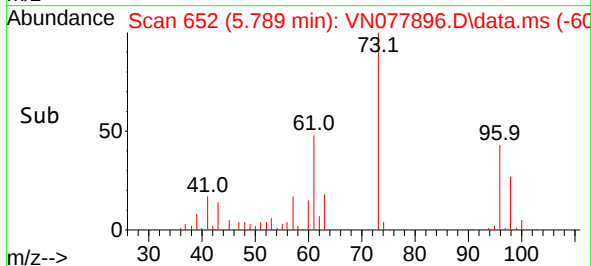
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



Tgt Ion: 96 Resp: 9406
Ion Ratio Lower Upper
96 100
61 111.0 90.1 135.1
98 61.3 46.4 69.6

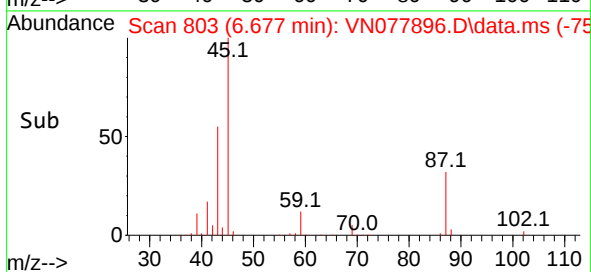
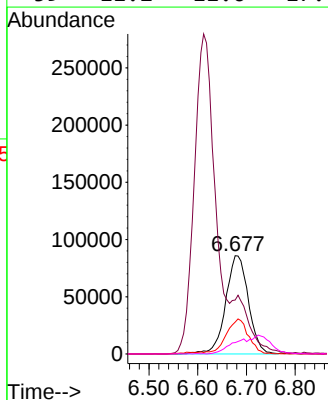
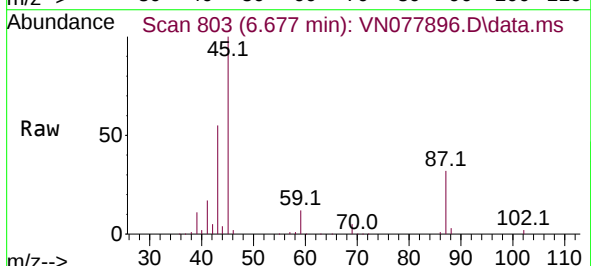
Manual Integrations
APPROVED

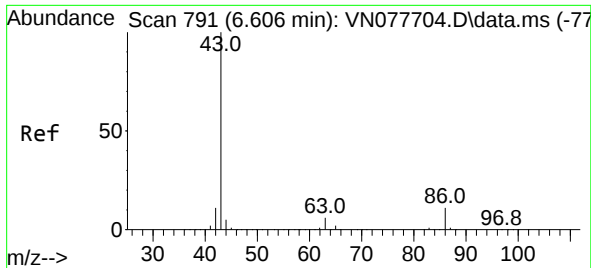
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#22
Diisopropyl ether
Concen: 19.557 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

Tgt Ion: 45 Resp: 278190
Ion Ratio Lower Upper
45 100
43 51.9 45.5 68.3
87 32.2 31.8 47.8
59 11.2 11.6 17.4#





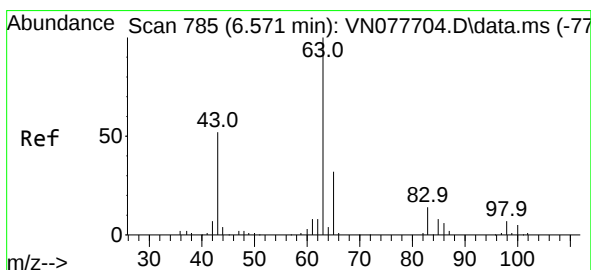
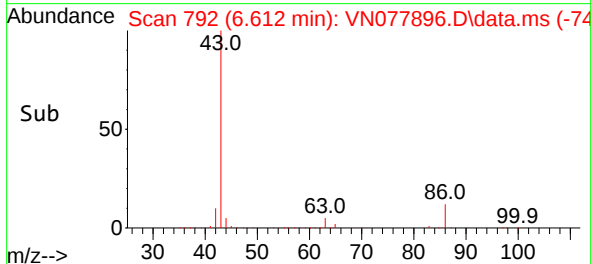
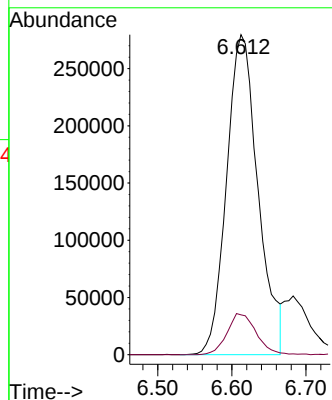
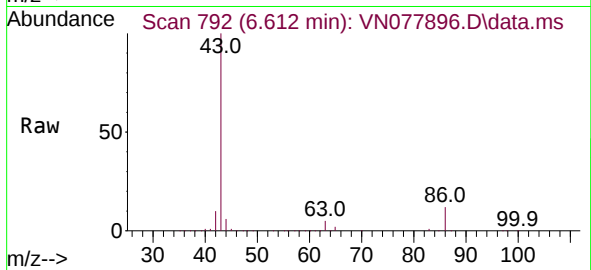
#23
 Vinyl Acetate
 Concen: 93.803 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077896.D
 Acq: 25 May 2023 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0525MBS01

Tgt Ion: 43 Resp: 826723
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

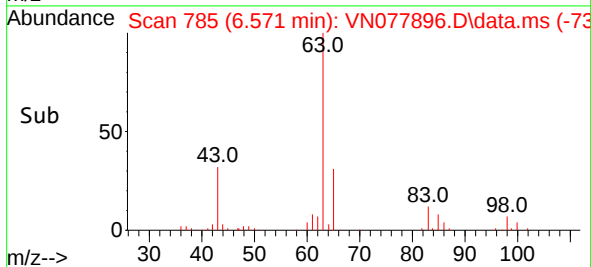
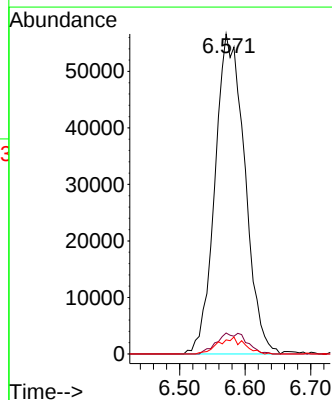
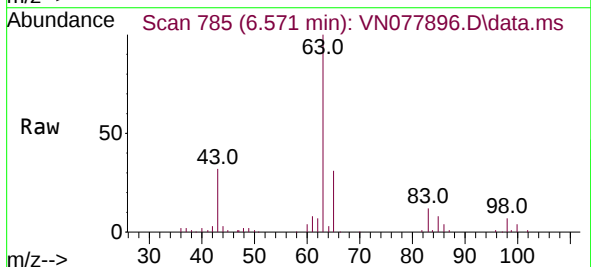
Manual Integrations
 APPROVED

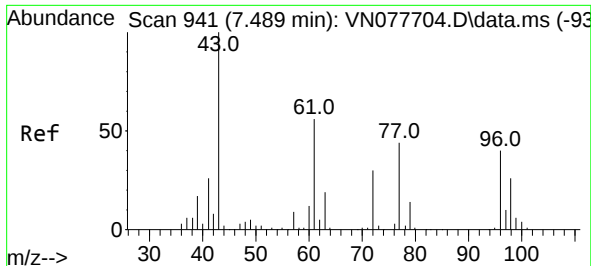
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/26/2023



#24
 1,1-Dichloroethane
 Concen: 20.451 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN077896.D
 Acq: 25 May 2023 12:42

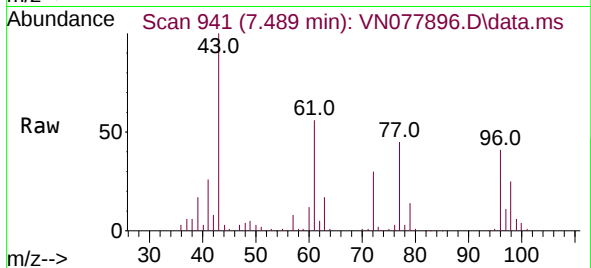
Tgt Ion: 63 Resp: 178223
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 91.626 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

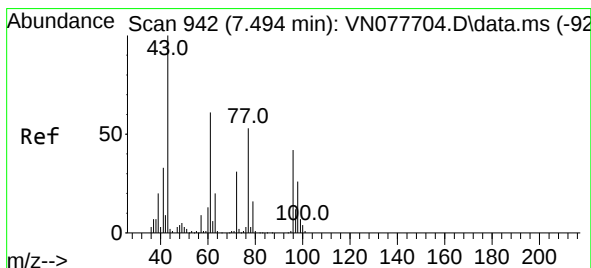
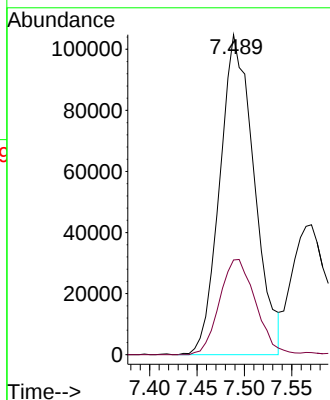
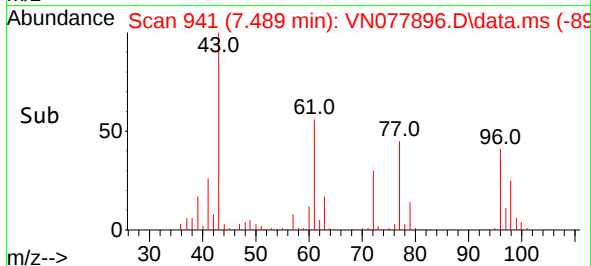
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



Tgt Ion: 43 Resp: 265010
Ion Ratio Lower Upper
43 100
72 29.7 30.2 45.2

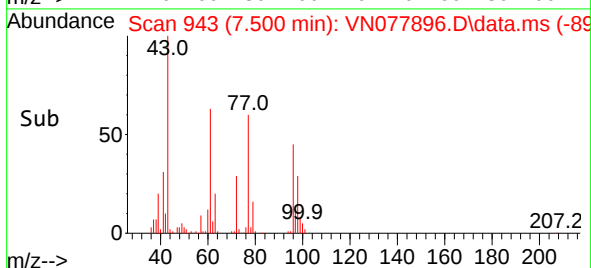
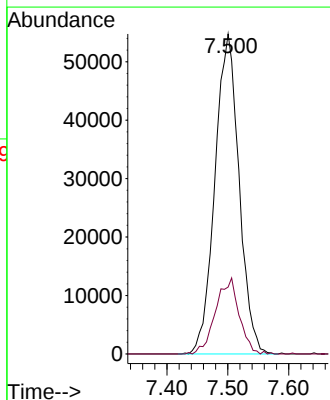
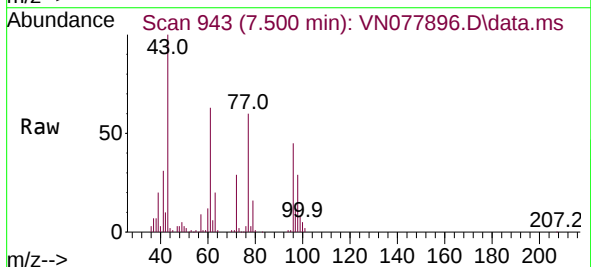
Manual Integrations
APPROVED

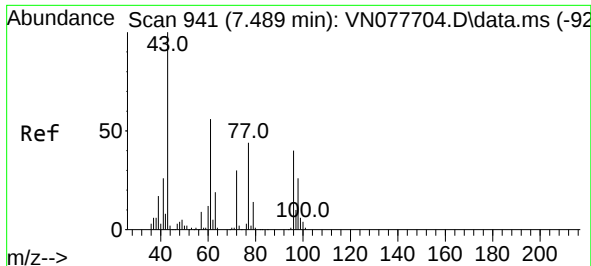
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#26
2,2-Dichloropropane
Concen: 20.361 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

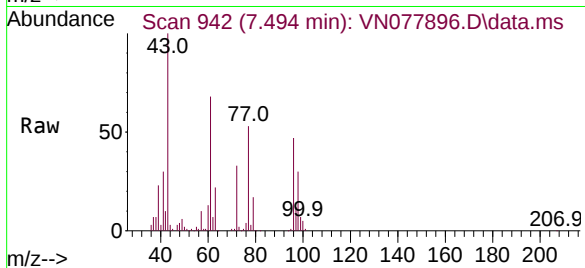
Tgt Ion: 77 Resp: 150746
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.630 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077896.D
 Acq: 25 May 2023 12:42

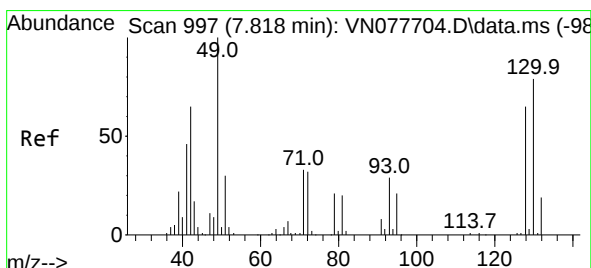
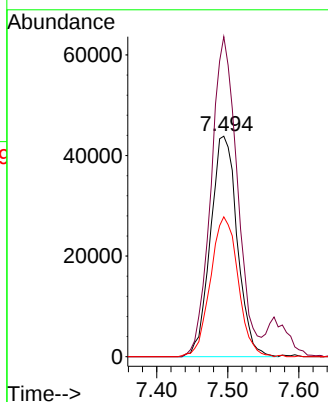
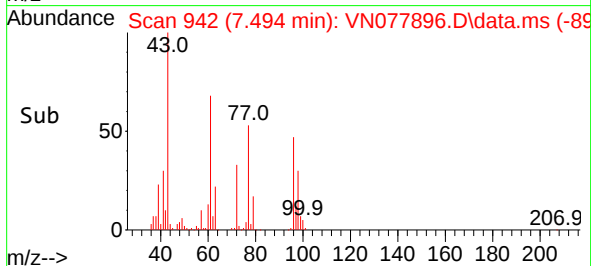
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0525MBS01



Tgt Ion: 96 Resp: 114789
 Ion Ratio Lower Upper
 96 100
 61 143.4 0.0 255.2
 98 65.5 0.0 128.8

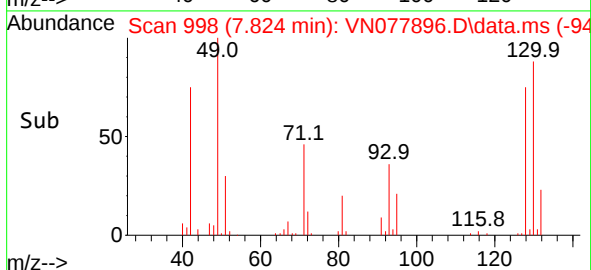
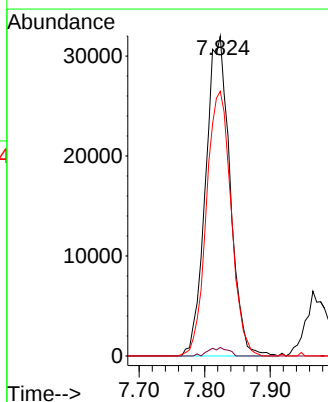
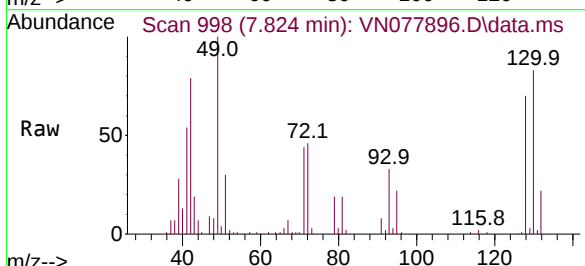
Manual Integrations
 APPROVED

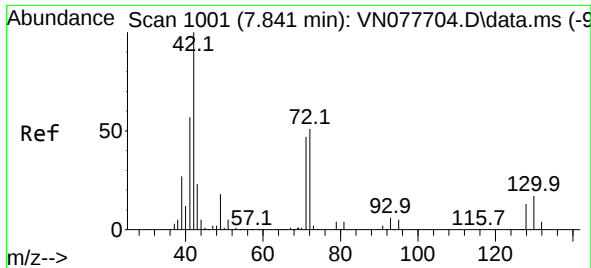
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/26/2023



#28
 Bromochloromethane
 Concen: 21.870 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077896.D
 Acq: 25 May 2023 12:42

Tgt Ion: 49 Resp: 82428
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 83.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 90.493 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VN077896.D

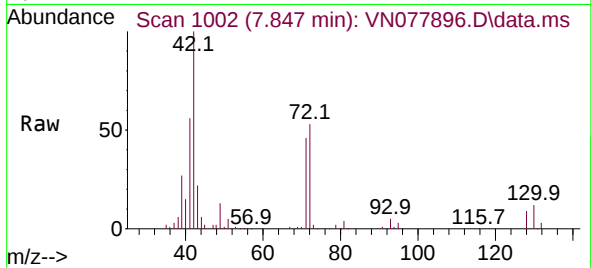
Acq: 25 May 2023 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0525MBS01



Tgt Ion: 42 Resp: 17138

Ion Ratio Lower Upper

42 100

72 52.8 49.8 74.6

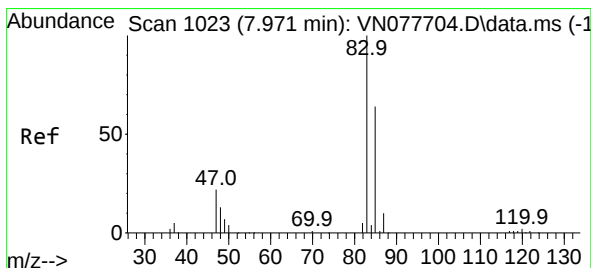
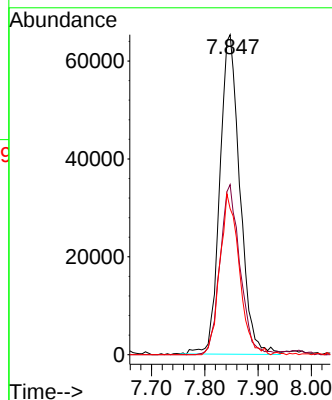
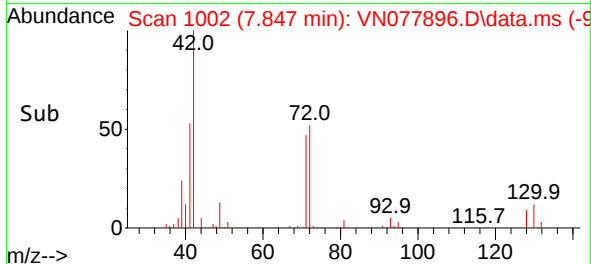
71 48.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/26/2023



#30

Chloroform

Concen: 19.836 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077896.D

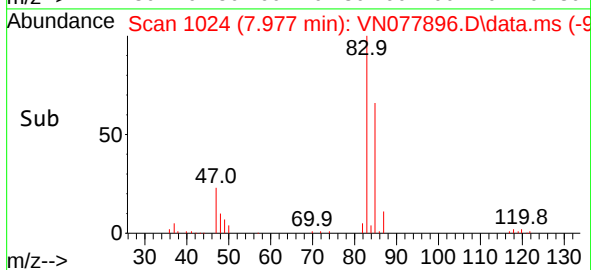
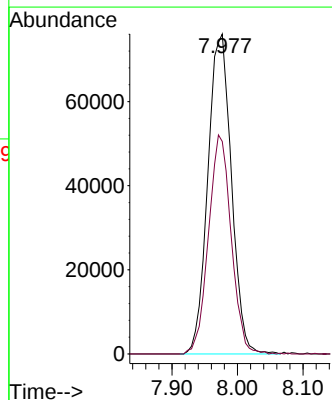
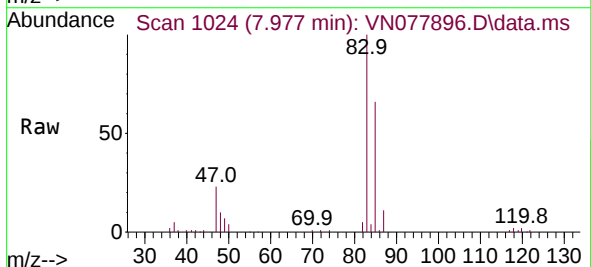
Acq: 25 May 2023 12:42

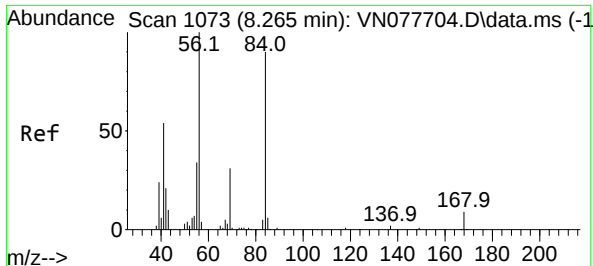
Tgt Ion: 83 Resp: 190160

Ion Ratio Lower Upper

83 100

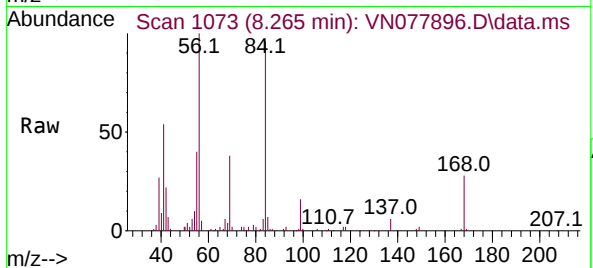
85 66.4 55.4 83.0





#31
Cyclohexane
Concen: 19.051 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

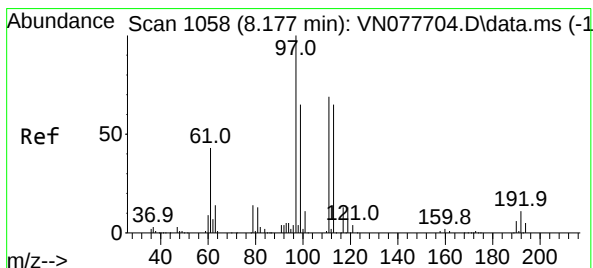
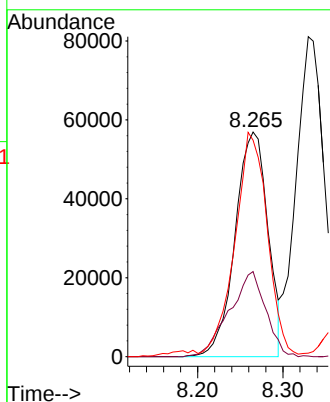
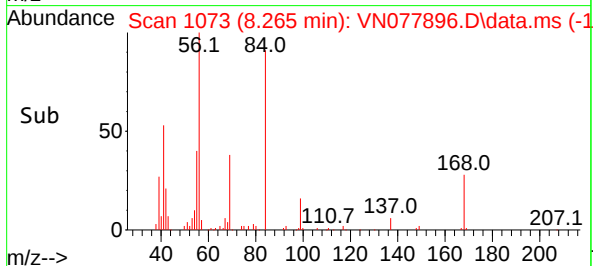
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



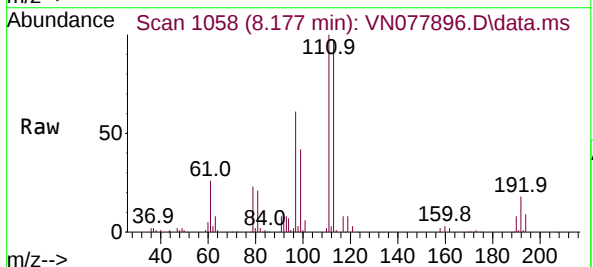
Tgt Ion: 56 Resp: 152168
Ion Ratio Lower Upper
56 100
69 37.9 26.8 40.2
84 94.1 81.8 122.6

Manual Integrations
APPROVED

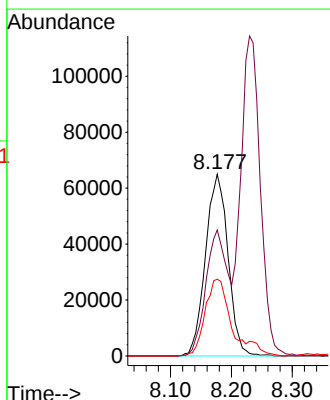
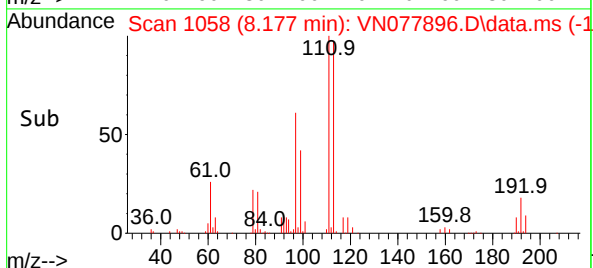
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

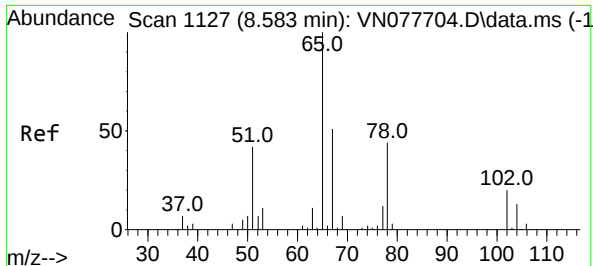


#32
1,1,1-Trichloroethane
Concen: 20.505 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



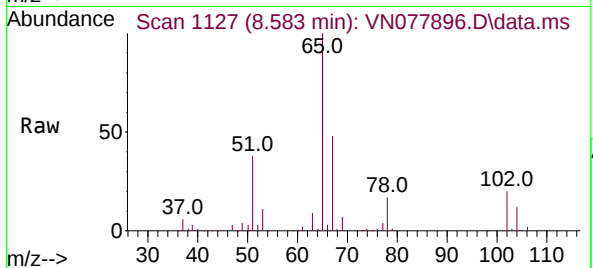
Tgt Ion: 97 Resp: 167124
Ion Ratio Lower Upper
97 100
99 67.2 50.3 75.5
61 45.4 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 50.552 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

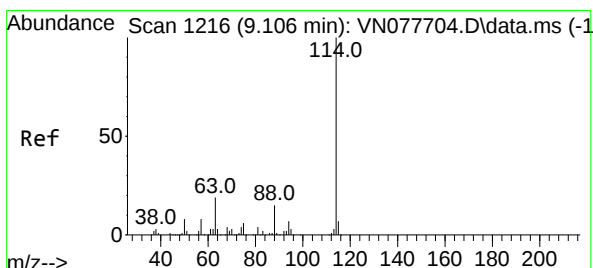
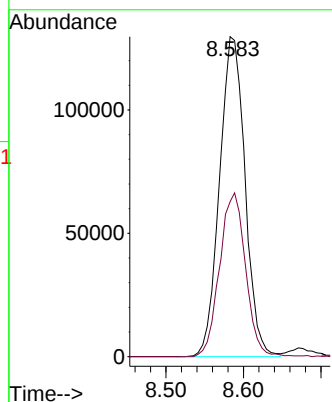
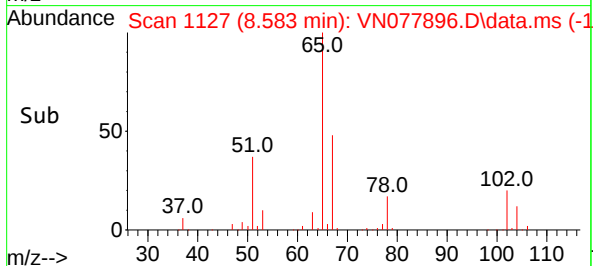
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



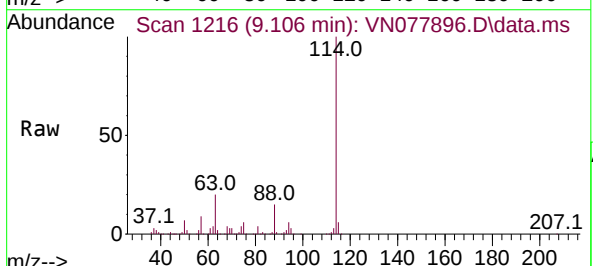
Tgt Ion: 65 Resp: 297089
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6

Manual Integrations
APPROVED

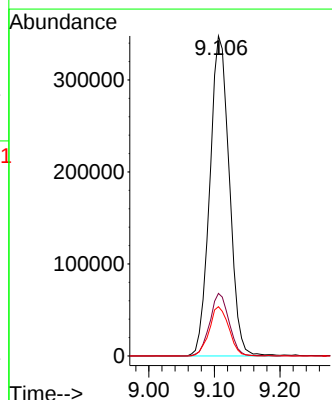
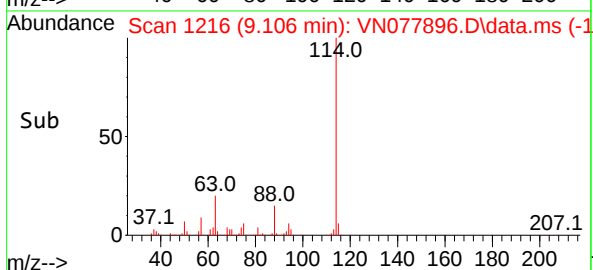
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

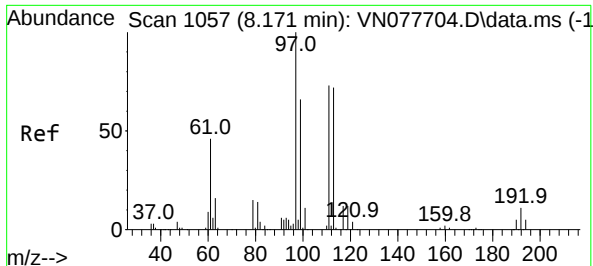


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



Tgt Ion:114 Resp: 718948
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.021 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077896.D

Acq: 25 May 2023 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0525MBS01

Tgt Ion: 113 Resp: 24857

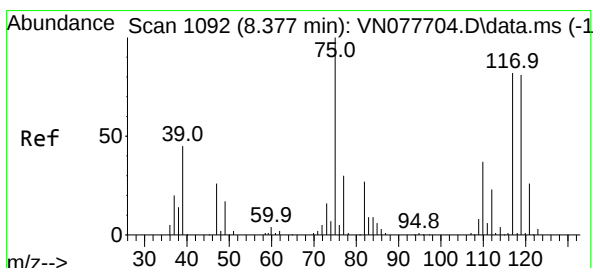
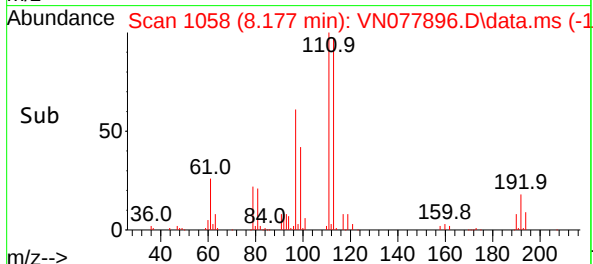
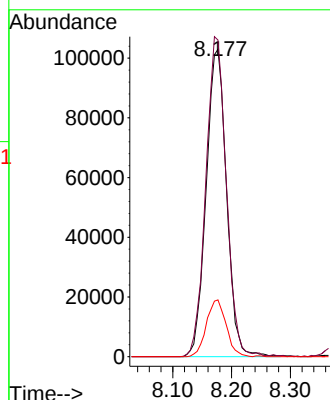
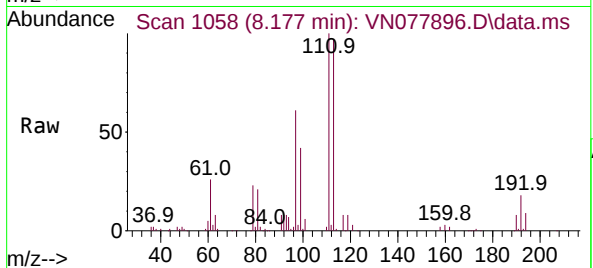
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	17.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/26/2023



#36

1,1-Dichloropropene

Concen: 20.317 ug/l

RT: 8.383 min Scan# 1093

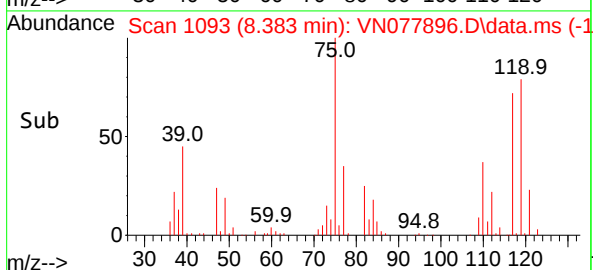
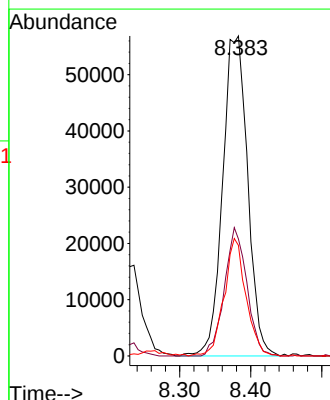
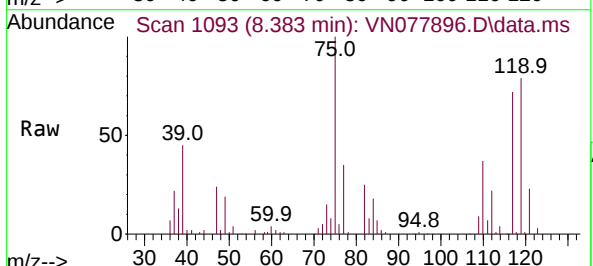
Delta R.T. 0.006 min

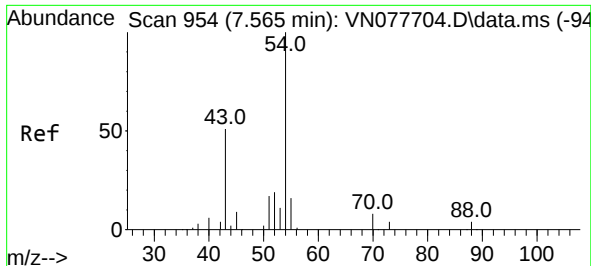
Lab File: VN077896.D

Acq: 25 May 2023 12:42

Tgt Ion: 75 Resp: 139317

Ion	Ratio	Lower	Upper
75	100		
110	36.0	19.1	57.3
77	32.1	25.0	37.4





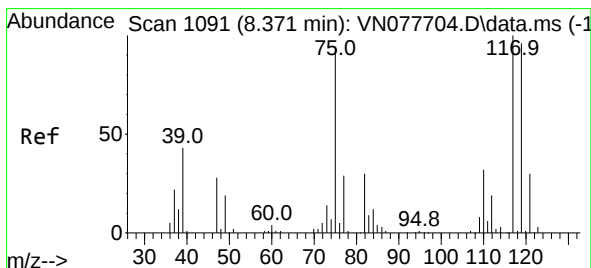
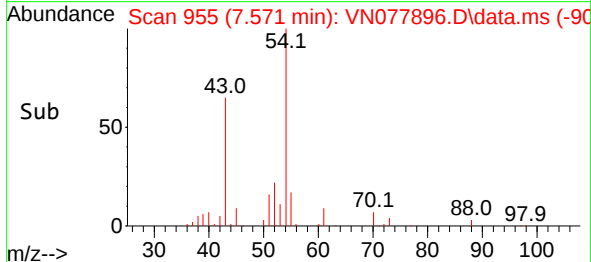
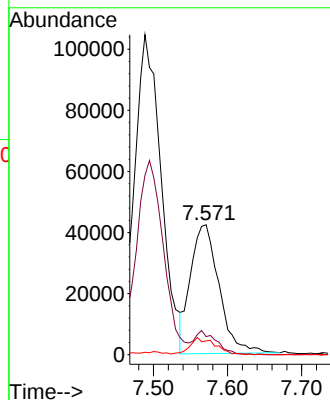
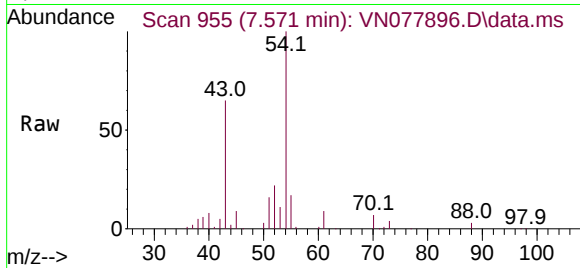
#37
Ethyl Acetate
Concen: 18.484 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01

Tgt Ion: 43 Resp: 112972
Ion Ratio Lower Upper
43 100
61 14.2 13.2 19.8
70 11.6 11.3 16.9

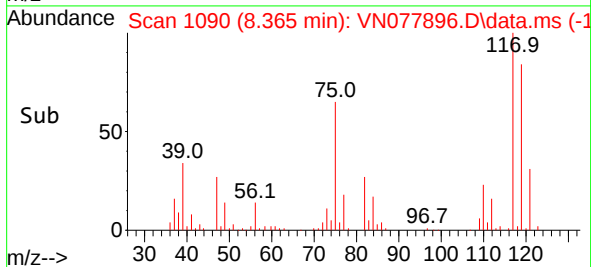
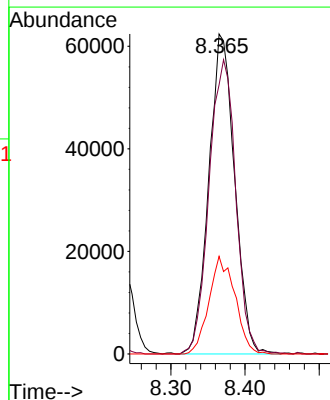
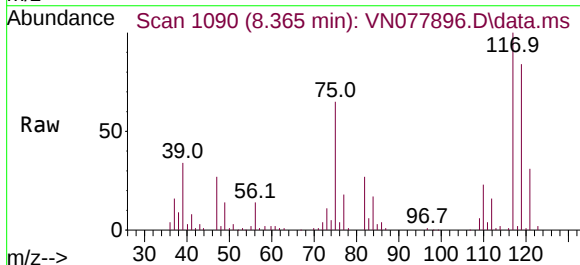
Manual Integrations
APPROVED

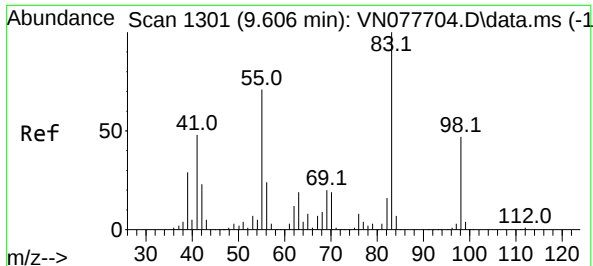
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#38
Carbon Tetrachloride
Concen: 21.825 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

Tgt Ion:117 Resp: 151121
Ion Ratio Lower Upper
117 100
119 84.1 77.3 115.9
121 30.5 23.3 34.9





#39

Methylcyclohexane

Concen: 19.707 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077896.D

Acq: 25 May 2023 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0525MBS01

Tgt Ion: 83 Resp: 165440

Ion Ratio Lower Upper

83 100

55 71.4 49.1 73.7

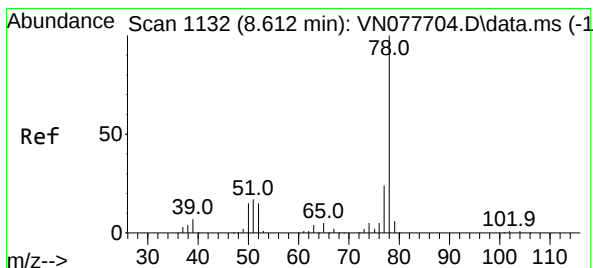
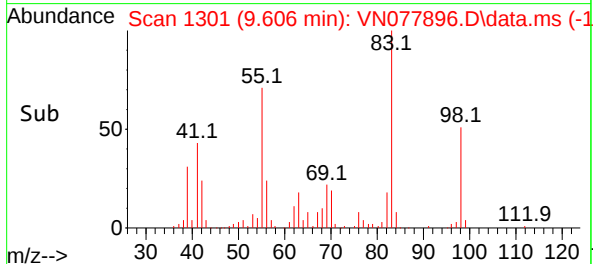
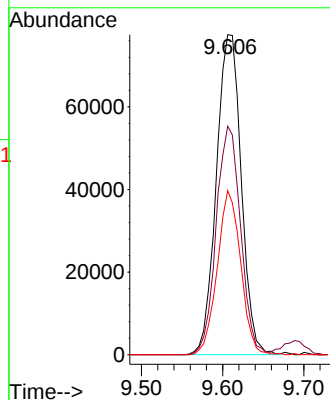
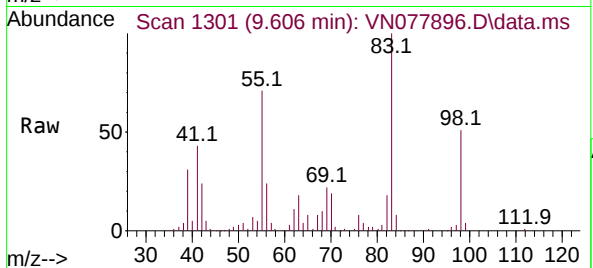
98 51.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/26/2023



#40

Benzene

Concen: 20.991 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN077896.D

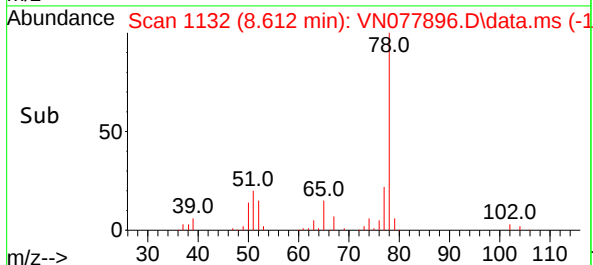
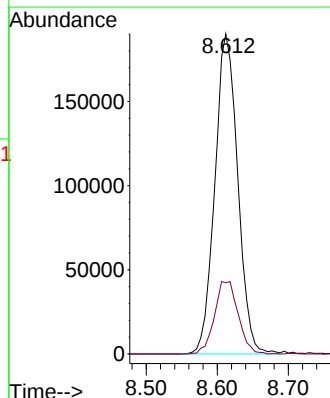
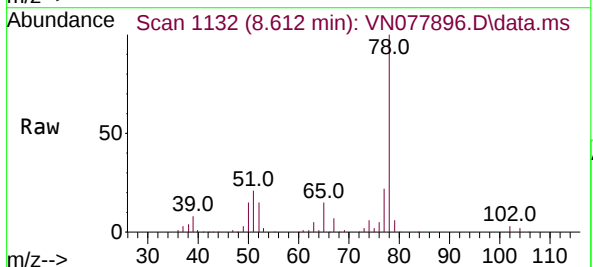
Acq: 25 May 2023 12:42

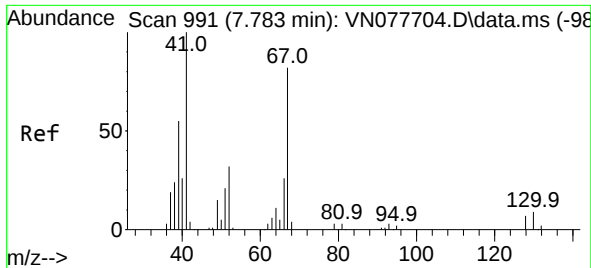
Tgt Ion: 78 Resp: 424769

Ion Ratio Lower Upper

78 100

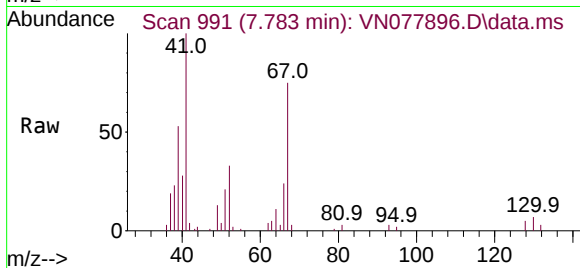
77 22.2 19.0 28.6





#41
Methacrylonitrile
Concen: 18.248 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

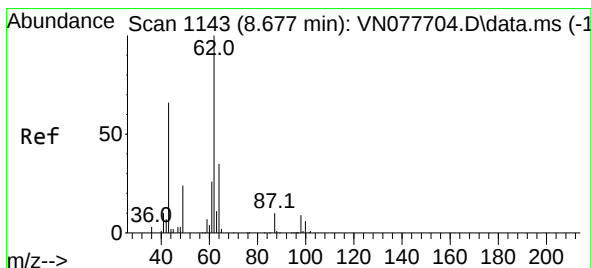
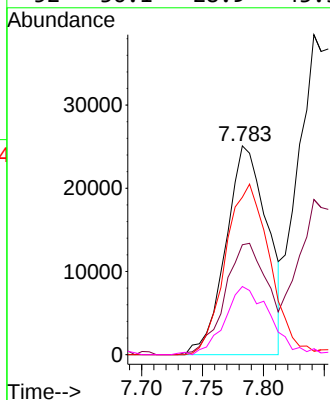
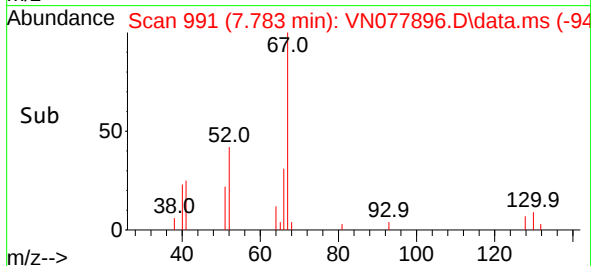
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



Tgt Ion:	41	Resp:	59390
Ion Ratio	100	Lower	Upper
41	100		
39	55.1	42.6	64.0
67	88.5	77.5	116.3
52	36.1	28.9	43.3

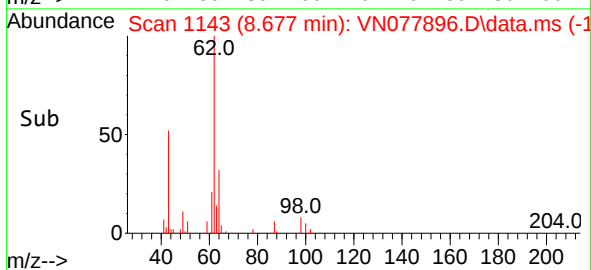
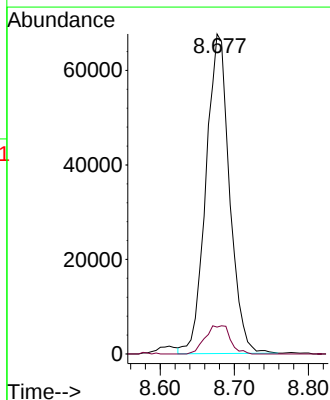
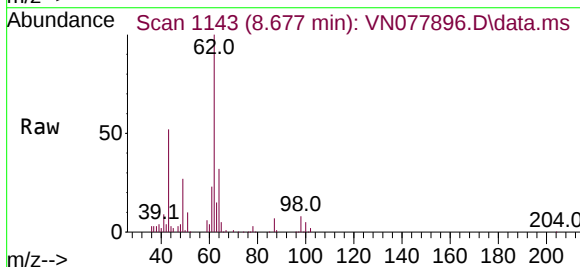
Manual Integrations
APPROVED

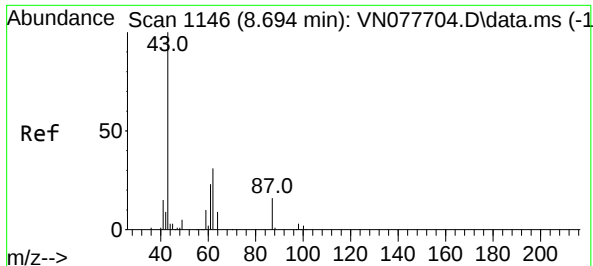
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#42
1,2-Dichloroethane
Concen: 20.309 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

Tgt Ion:	62	Resp:	149286
Ion Ratio	100	Lower	Upper
62	100		
98	9.4	0.0	19.8





#43

Isopropyl Acetate

Concen: 18.469 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077896.D

Acq: 25 May 2023 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0525MBS01

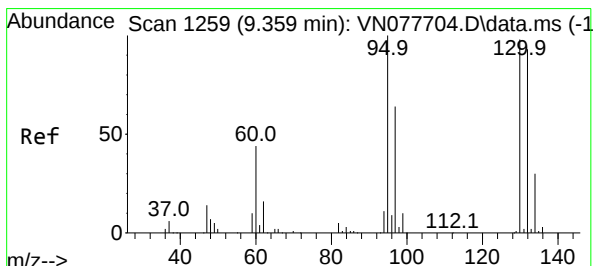
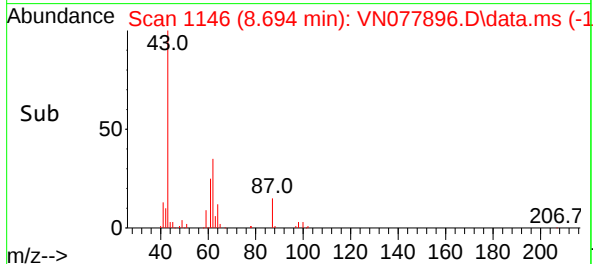
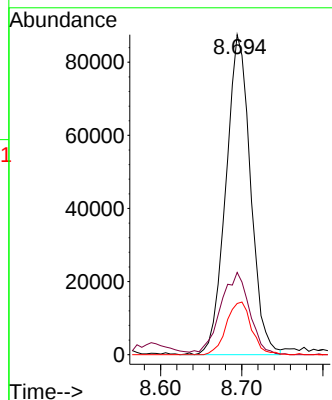
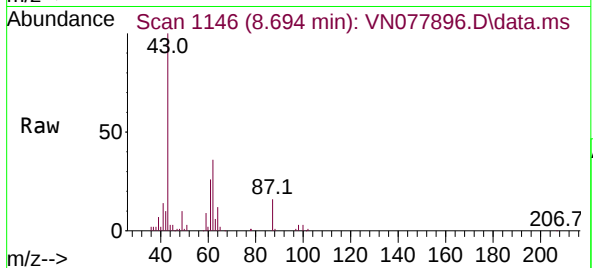
Tgt Ion:	43	Resp:	18438
Ion Ratio	Lower	Upper	
43	100		
61	30.5	24.7	37.1
87	16.8	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/26/2023



#44

Trichloroethene

Concen: 22.147 ug/l

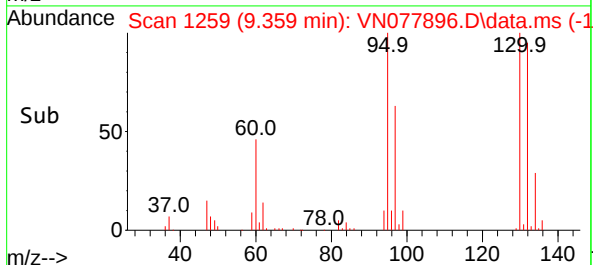
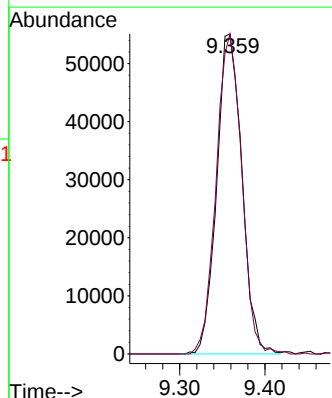
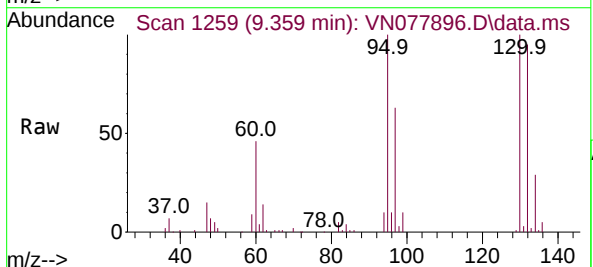
RT: 9.359 min Scan# 1259

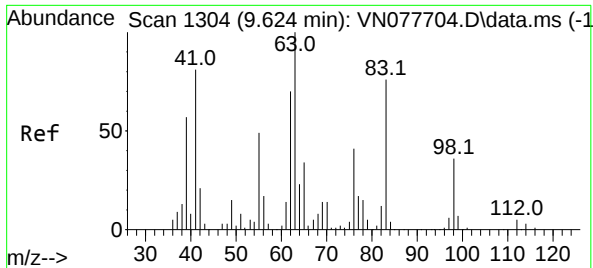
Delta R.T. 0.000 min

Lab File: VN077896.D

Acq: 25 May 2023 12:42

Tgt Ion:	130	Resp:	113474
Ion Ratio	Lower	Upper	
130	100		
95	100.0	0.0	204.6





#45

1,2-Dichloropropane

Concen: 20.559 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN077896.D

Acq: 25 May 2023 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0525MBS01

Tgt Ion: 63 Resp: 106110

Ion Ratio Lower Upper

63 100

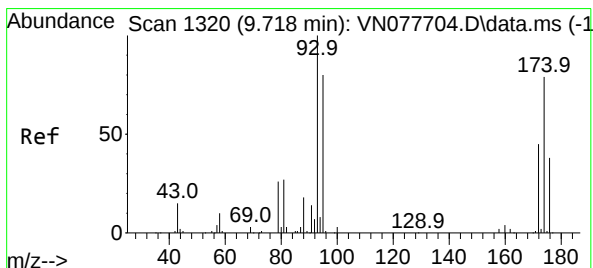
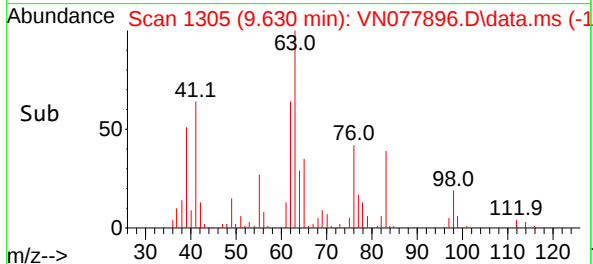
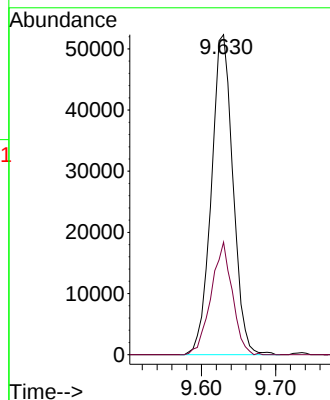
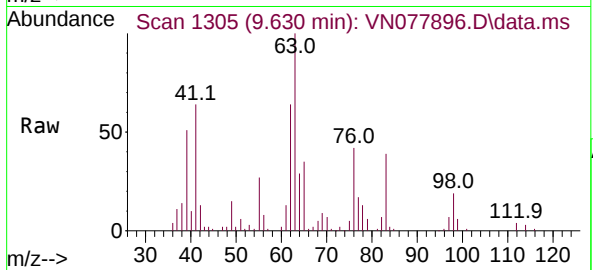
65 35.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/26/2023



#46

Dibromomethane

Concen: 20.274 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077896.D

Acq: 25 May 2023 12:42

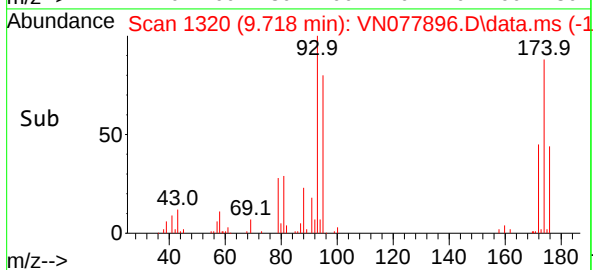
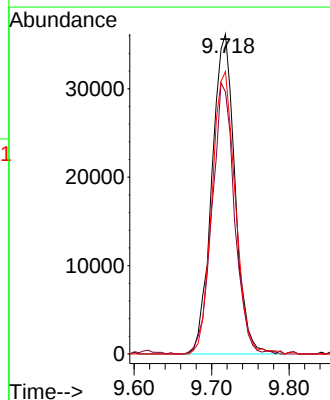
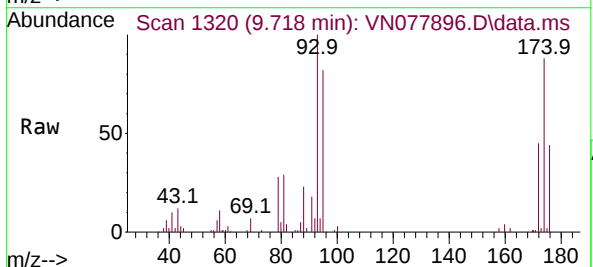
Tgt Ion: 93 Resp: 74879

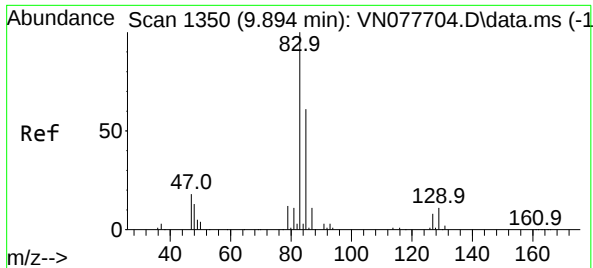
Ion Ratio Lower Upper

93 100

95 82.2 63.8 95.8

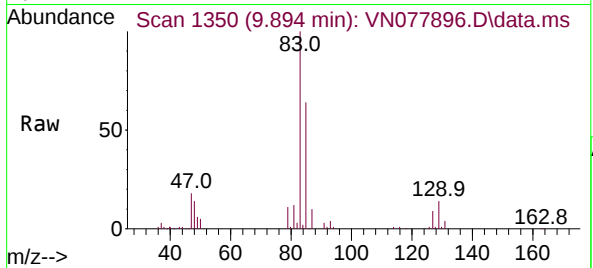
174 89.4 65.6 98.4





#47
Bromodichloromethane
Concen: 21.092 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

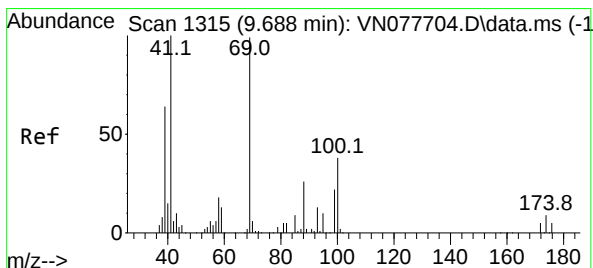
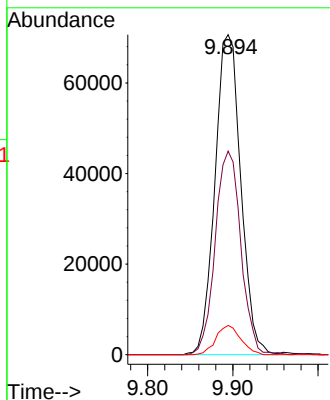
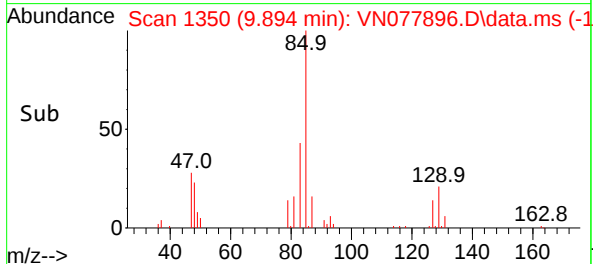
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



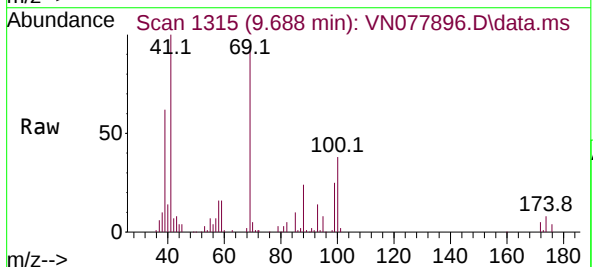
Tgt Ion: 83 Resp: 14914
Ion Ratio Lower Upper
83 100
85 63.6 49.6 74.4
127 9.1 7.0 10.6

Manual Integrations
APPROVED

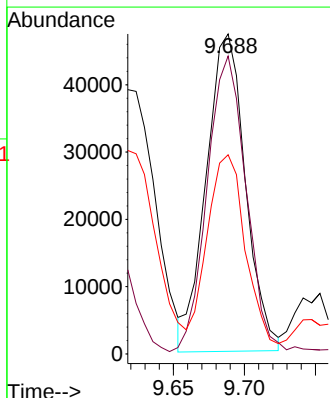
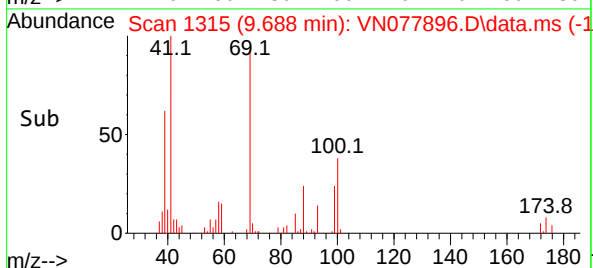
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

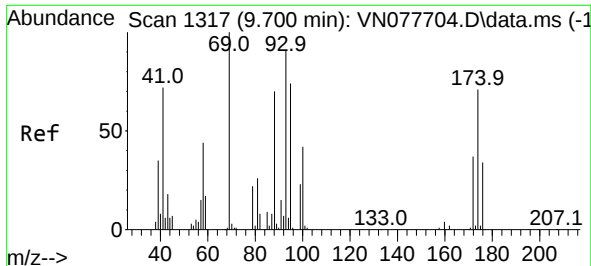


#48
Methyl methacrylate
Concen: 19.182 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



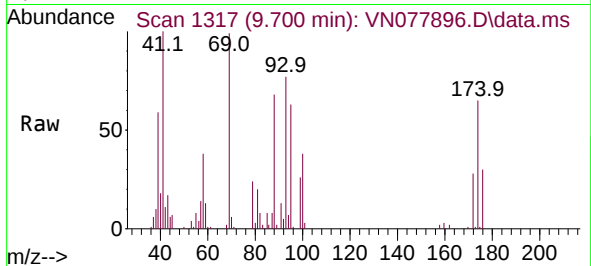
Tgt Ion: 41 Resp: 90792
Ion Ratio Lower Upper
41 100
69 95.4 90.4 135.6
39 61.7 54.6 81.8





#49
1,4-Dioxane
Concen: 402.261 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

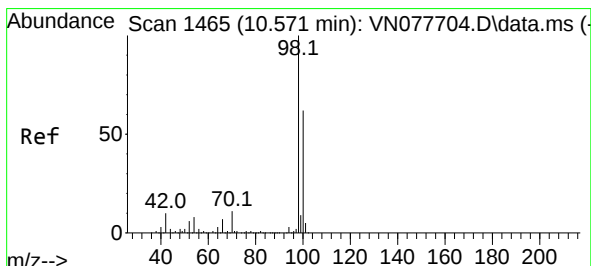
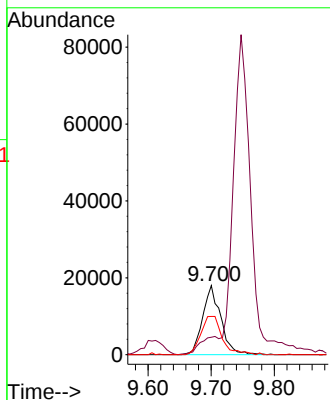
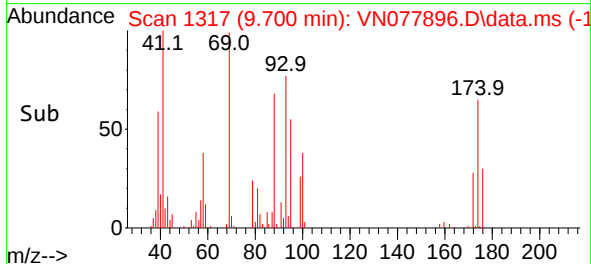
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



Tgt Ion: 88 Resp: 3596
Ion Ratio Lower Upper
88 100
43 27.7 17.0 25.6
58 64.6 47.0 70.4

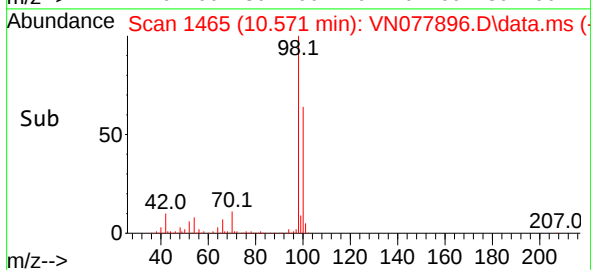
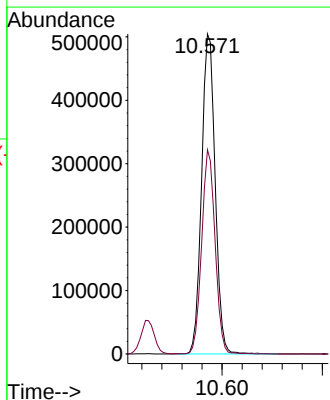
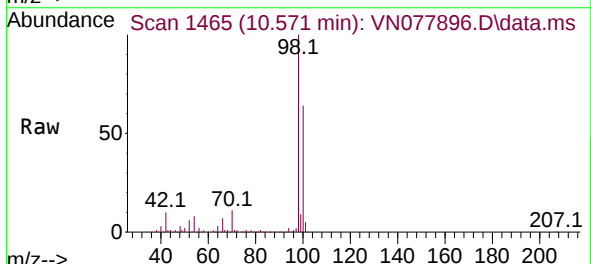
Manual Integrations
APPROVED

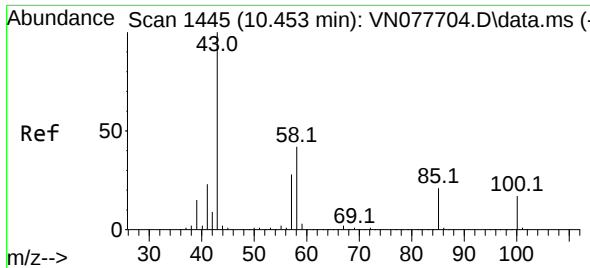
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#50
Toluene-d8
Concen: 52.471 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

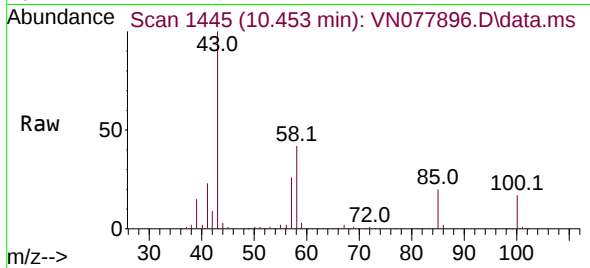
Tgt Ion: 98 Resp: 946848
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 94.907 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

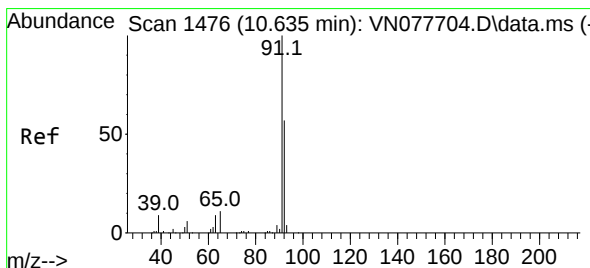
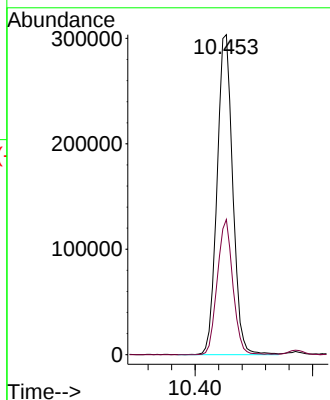
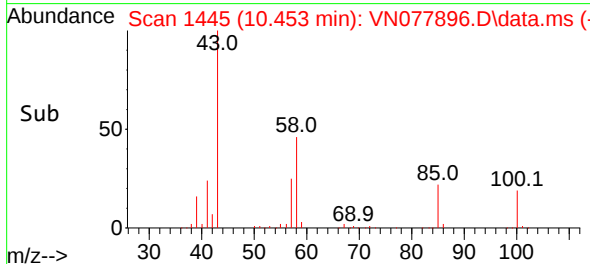
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



Tgt Ion: 43 Resp: 56318
Ion Ratio Lower Upper
43 100
58 41.8 36.6 54.8

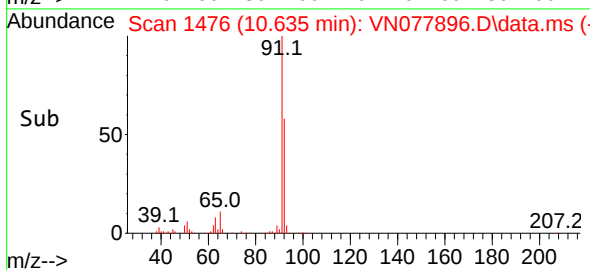
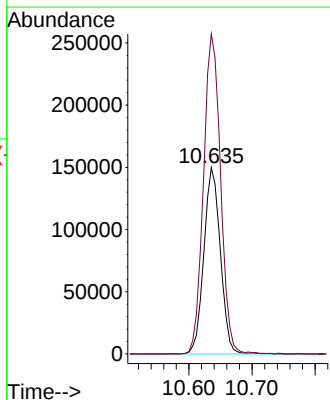
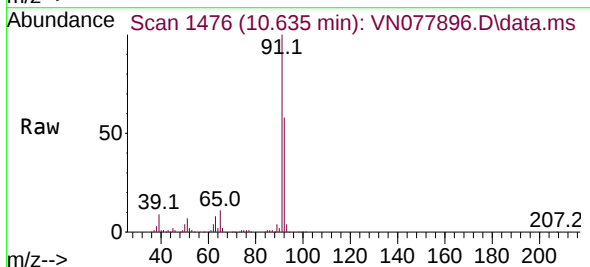
Manual Integrations
APPROVED

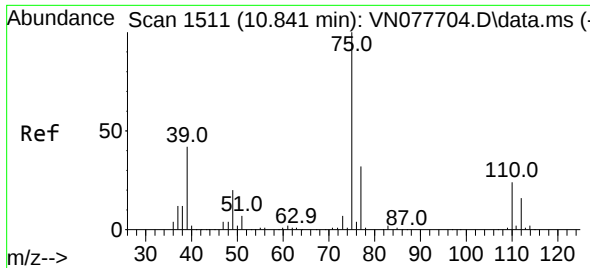
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#52
Toluene
Concen: 21.580 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

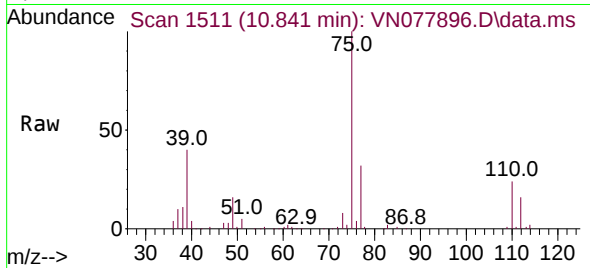
Tgt Ion: 92 Resp: 271849
Ion Ratio Lower Upper
92 100
91 178.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.078 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

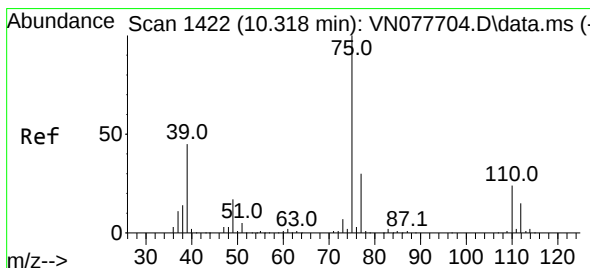
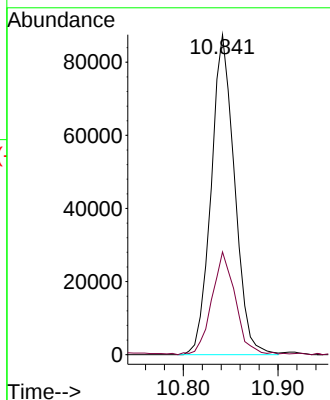
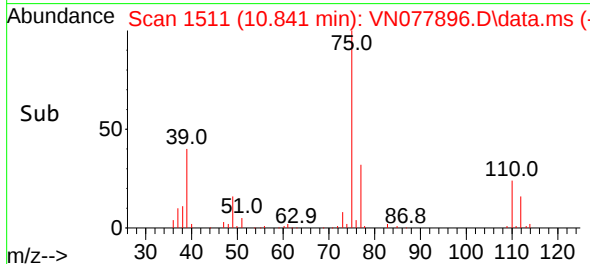
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



Tgt Ion: 75 Resp: 15034
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

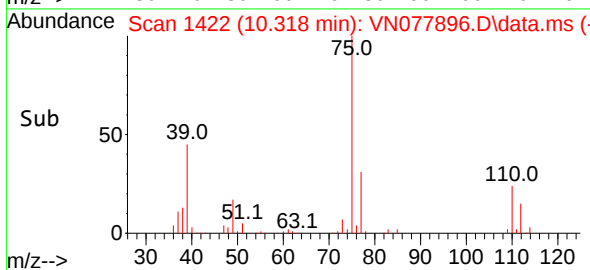
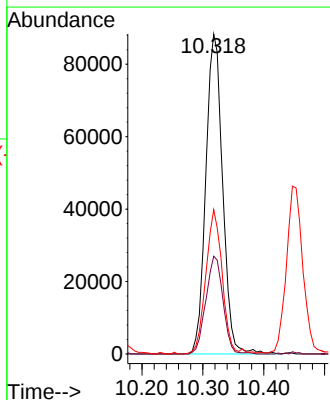
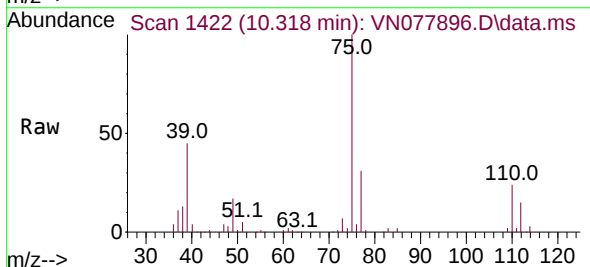
Manual Integrations
APPROVED

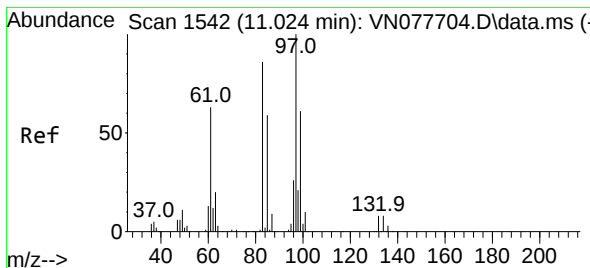
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#54
cis-1,3-Dichloropropene
Concen: 20.523 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

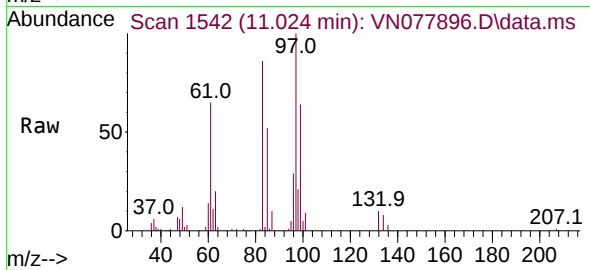
Tgt Ion: 75 Resp: 169354
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
39 45.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.662 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

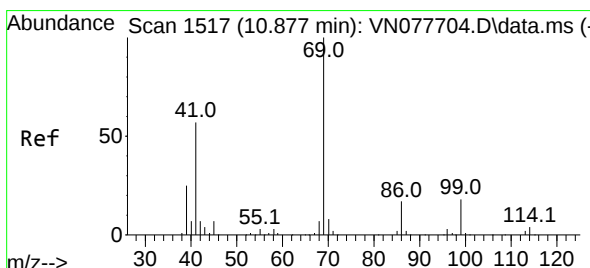
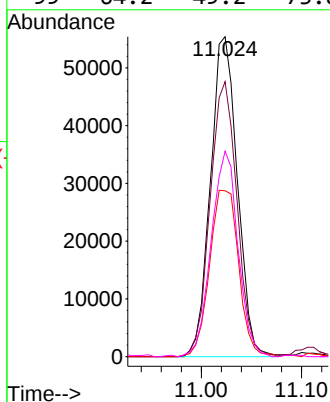
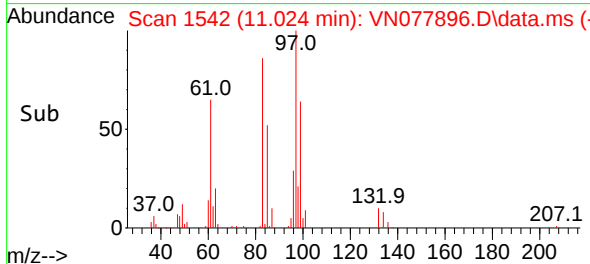
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



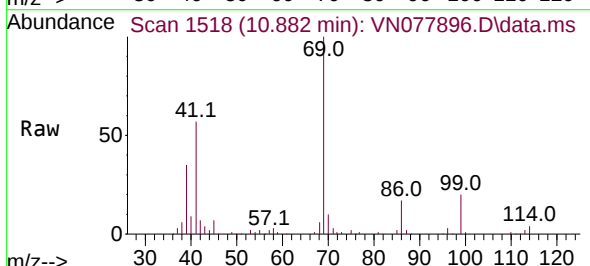
Tgt Ion:	97	Resp:	10335
Ion Ratio	100	Lower	Upper
97	100		
83	85.9	65.1	97.7
85	51.9	43.4	65.2
99	64.2	49.2	73.8

Manual Integrations
APPROVED

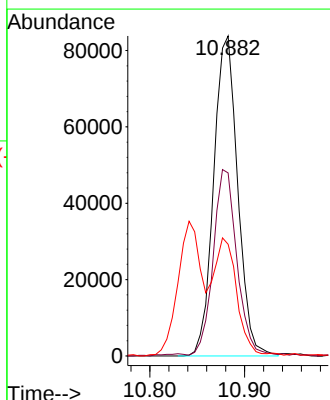
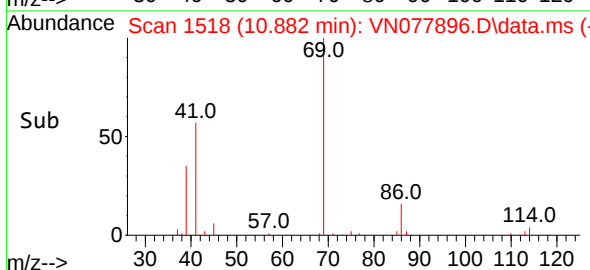
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

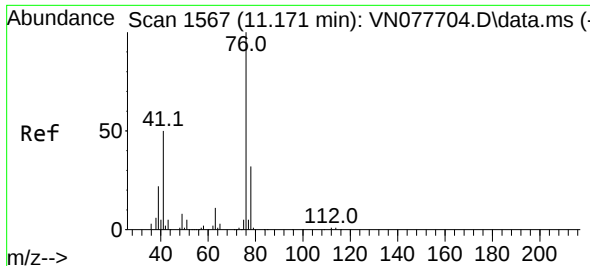


#56
Ethyl methacrylate
Concen: 19.556 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



Tgt Ion:	69	Resp:	147900
Ion Ratio	100	Lower	Upper
69	100		
41	58.2	39.6	59.4
39	35.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.436 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077896.D

Acq: 25 May 2023 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0525MBS01

Tgt Ion: 76 Resp: 175230

Ion Ratio Lower Upper

76 100

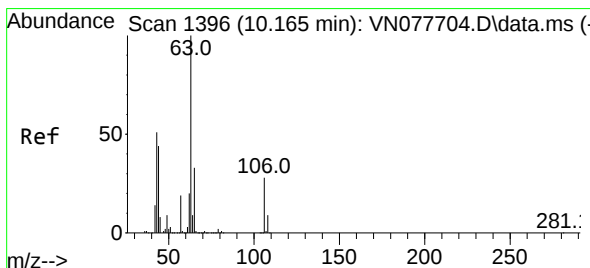
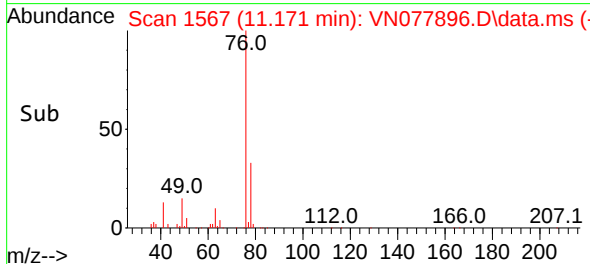
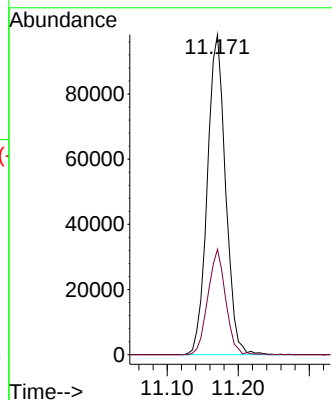
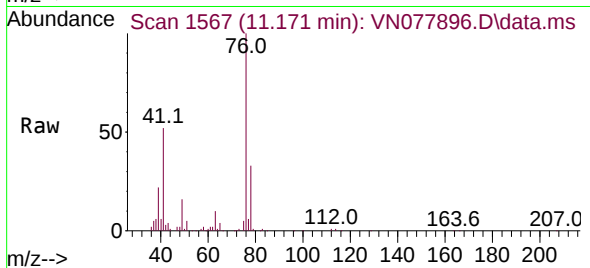
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 87.279 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077896.D

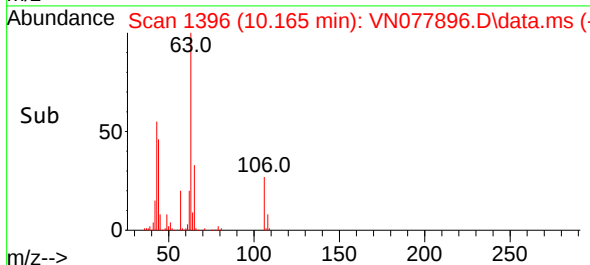
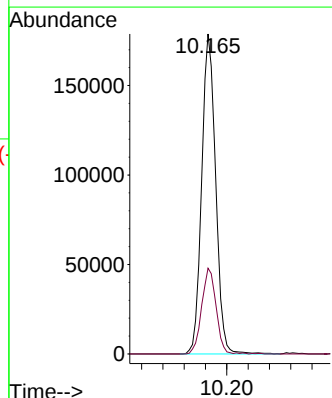
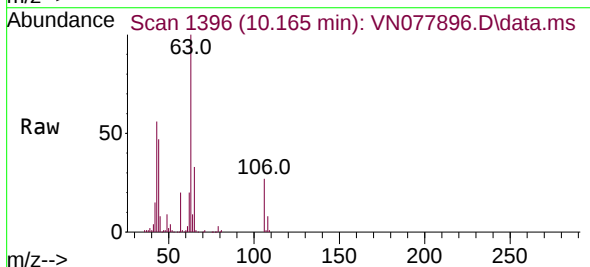
Acq: 25 May 2023 12:42

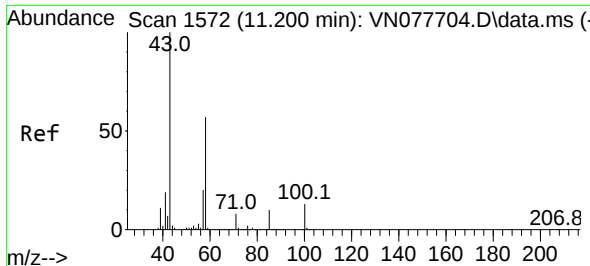
Tgt Ion: 63 Resp: 324739

Ion Ratio Lower Upper

63 100

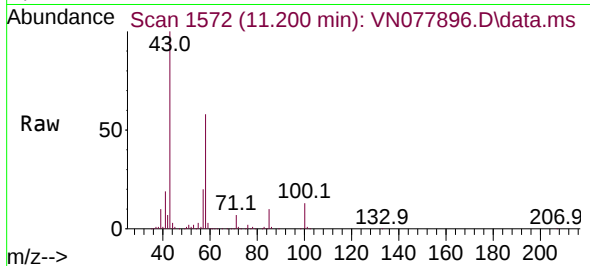
106 27.6 26.2 39.4





#59
2-Hexanone
Concen: 89.275 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

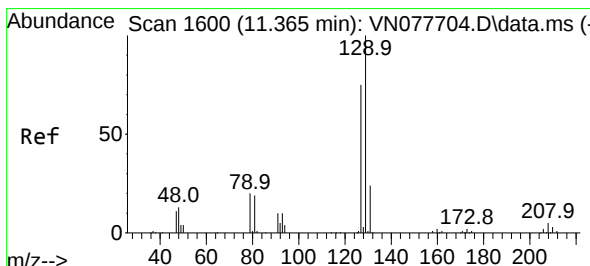
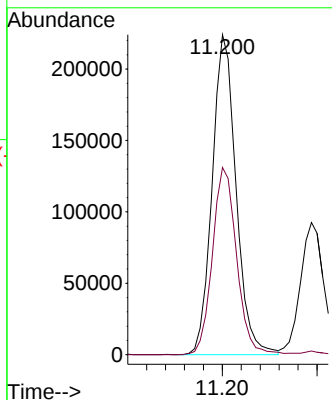
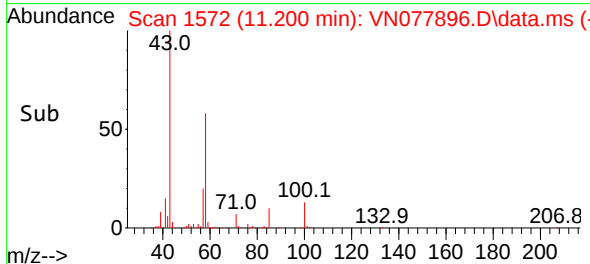
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



Tgt Ion: 43 Resp: 39184
Ion Ratio Lower Upper
43 100
58 59.3 31.7 95.1

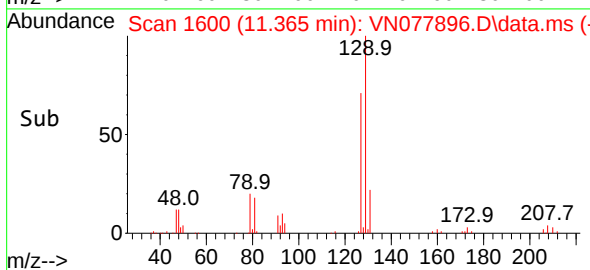
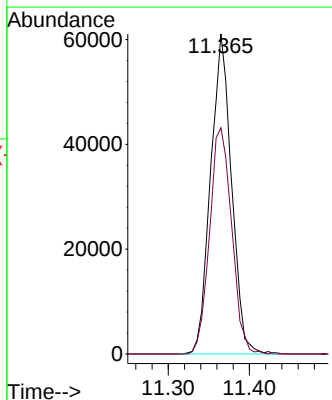
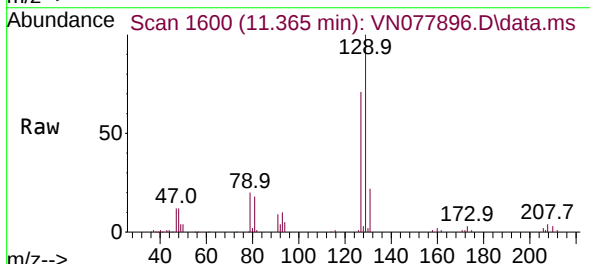
Manual Integrations
APPROVED

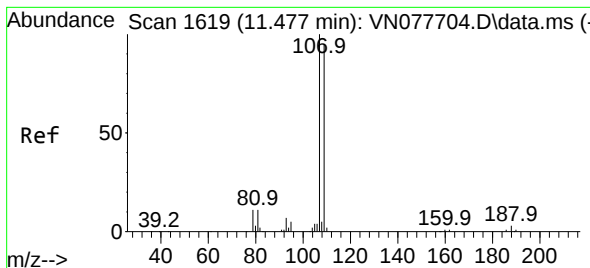
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#60
Dibromochloromethane
Concen: 21.153 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

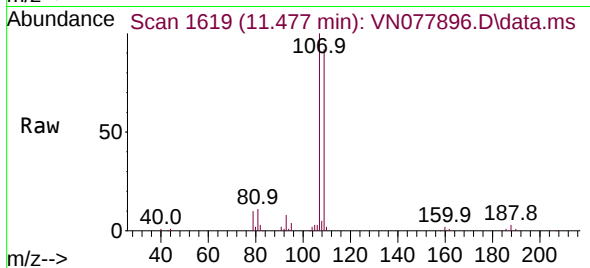
Tgt Ion:129 Resp: 109230
Ion Ratio Lower Upper
129 100
127 74.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.585 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

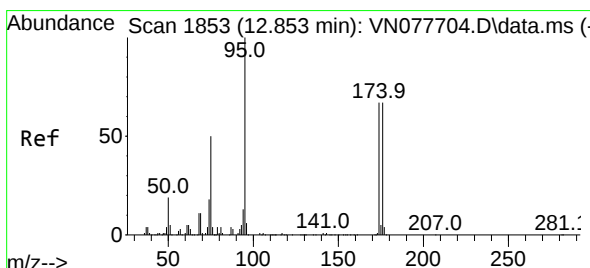
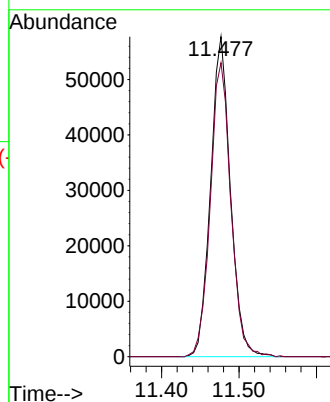
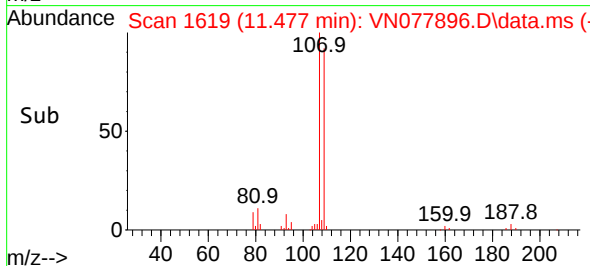
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



Tgt Ion:107 Resp: 102718
Ion Ratio Lower Upper
107 100
109 95.0 76.6 114.8

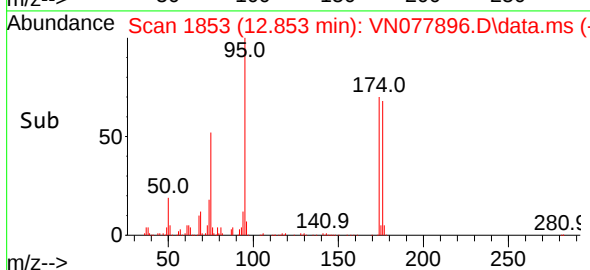
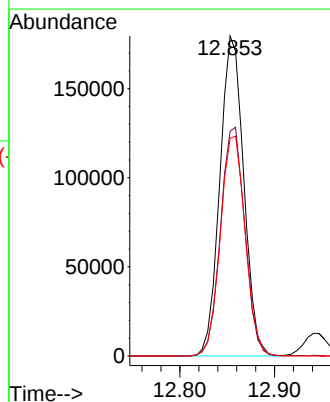
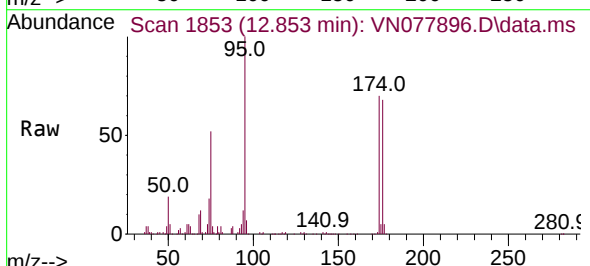
Manual Integrations
APPROVED

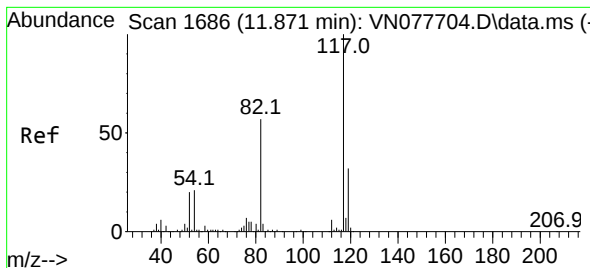
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#62
4-Bromofluorobenzene
Concen: 49.278 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

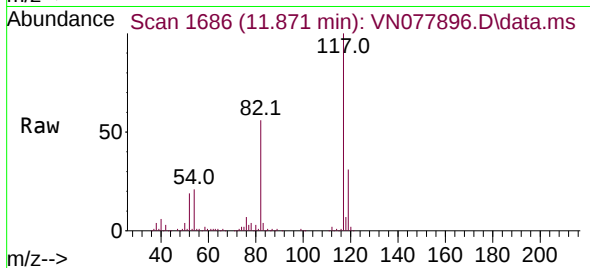
Tgt Ion: 95 Resp: 314060
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 71.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

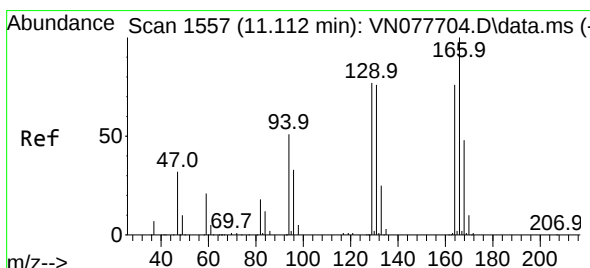
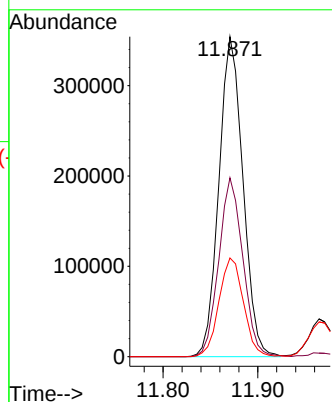
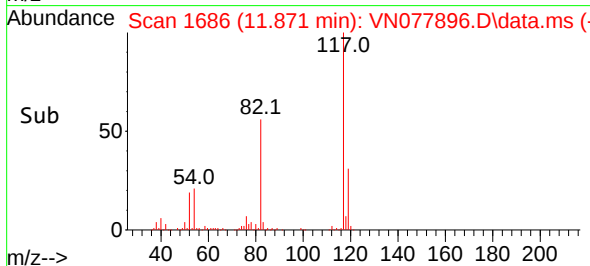
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



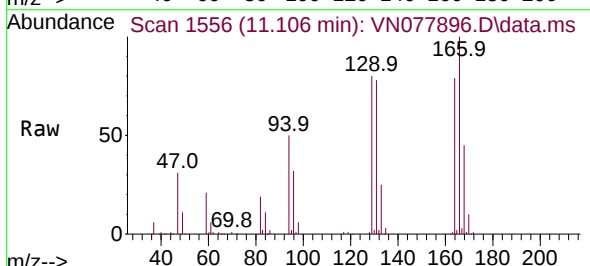
Tgt Ion:117 Resp: 62575
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 30.8 25.6 38.4

Manual Integrations
APPROVED

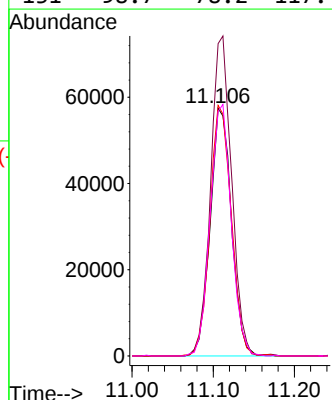
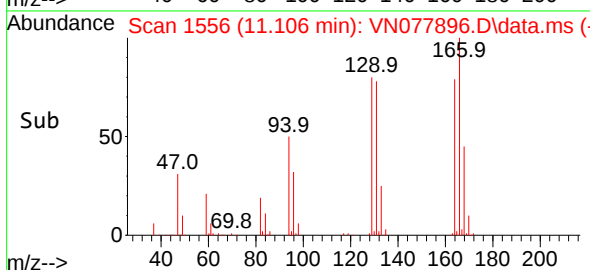
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

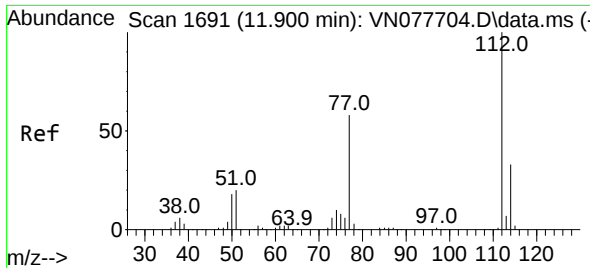


#64
Tetrachloroethene
Concen: 23.889 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



Tgt Ion:164 Resp: 104540
Ion Ratio Lower Upper
164 100
166 126.1 101.4 152.0
129 101.1 82.4 123.6
131 98.7 78.2 117.4





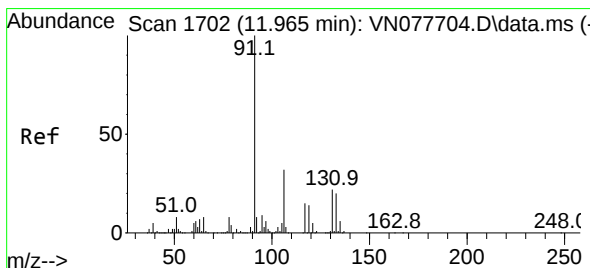
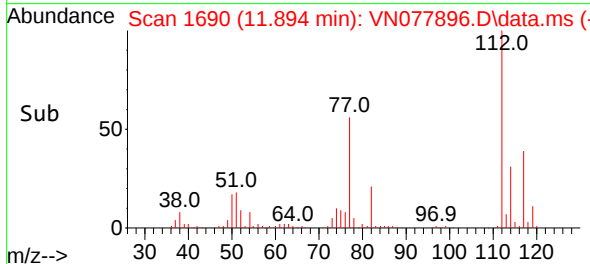
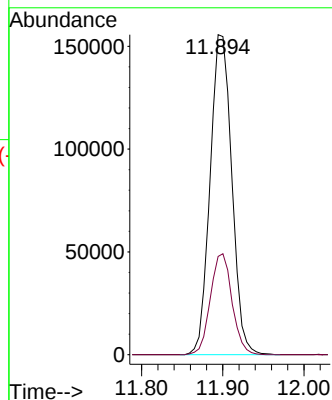
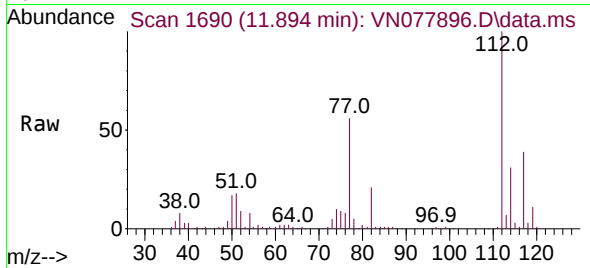
#65
Chlorobenzene
Concen: 21.293 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01

Tgt Ion:112 Resp: 288854
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4

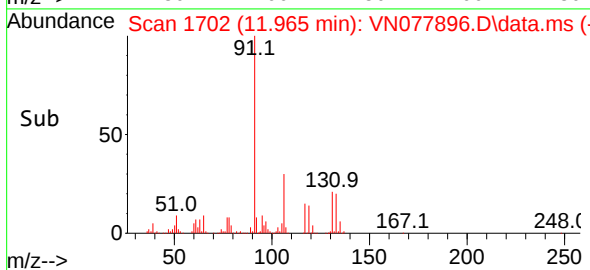
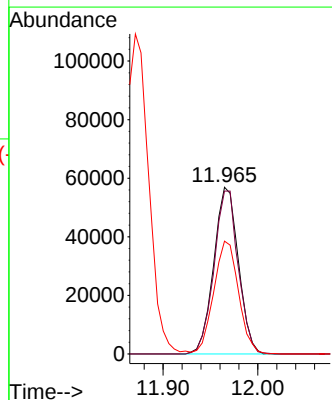
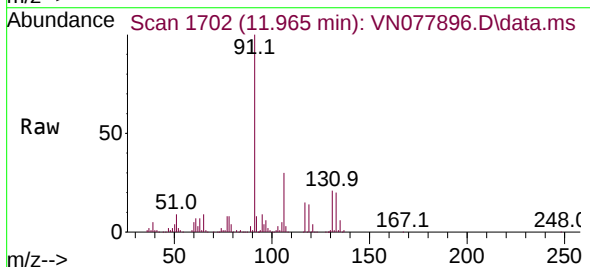
Manual Integrations
APPROVED

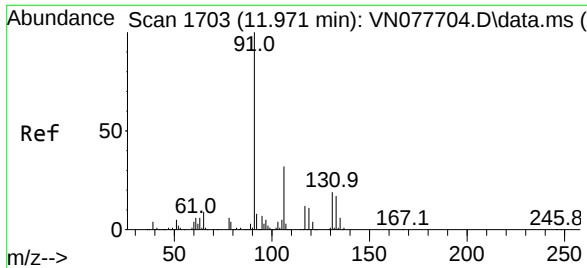
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.906 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

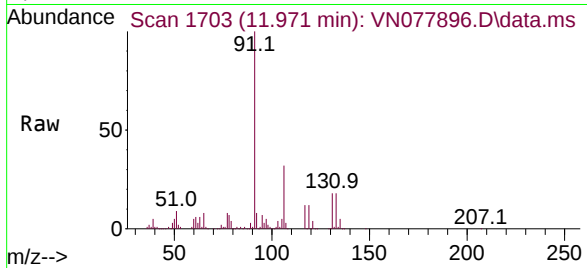
Tgt Ion:131 Resp: 102826
Ion Ratio Lower Upper
131 100
133 96.5 46.4 139.1
119 68.3 34.1 102.2





#67
Ethyl Benzene
Concen: 21.295 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

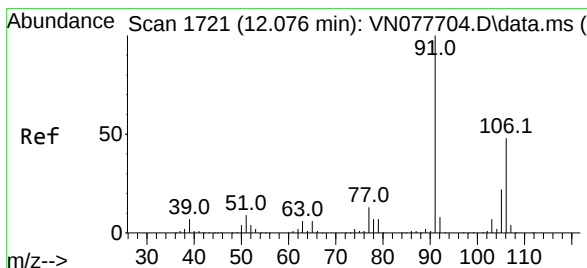
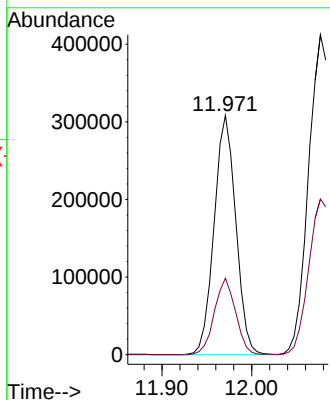
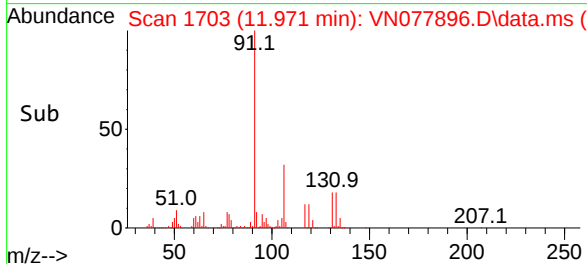
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



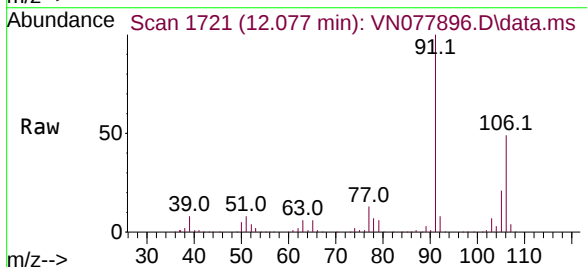
Tgt Ion: 91 Resp: 517679
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

Manual Integrations
APPROVED

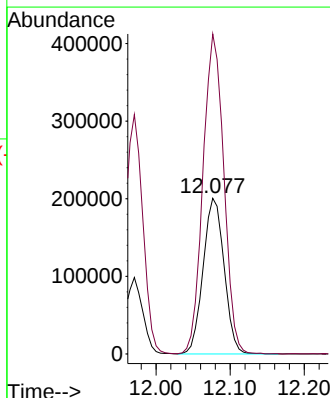
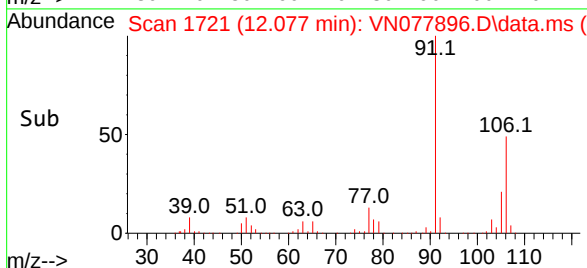
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

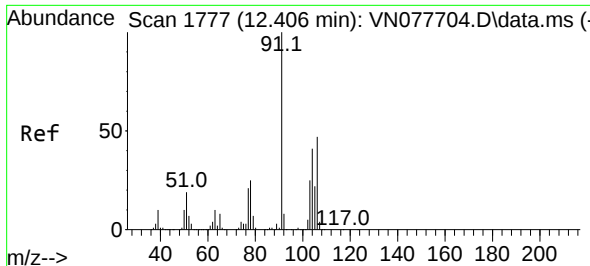


#68
m/p-Xylenes
Concen: 42.914 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



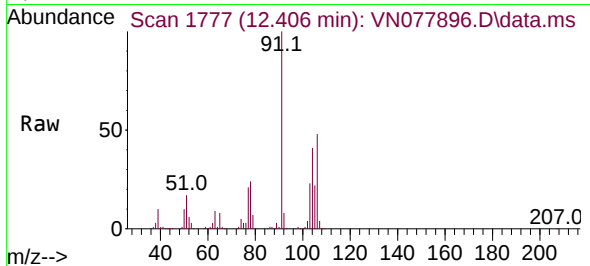
Tgt Ion:106 Resp: 395295
Ion Ratio Lower Upper
106 100
91 204.6 159.6 239.4





#69
o-Xylene
Concen: 21.959 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

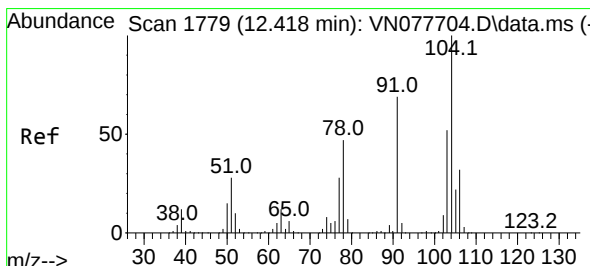
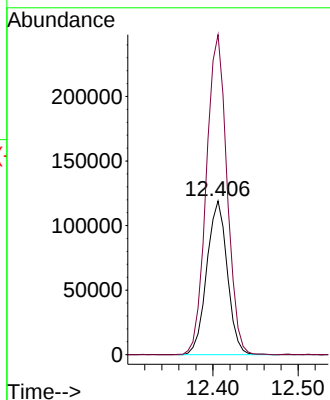
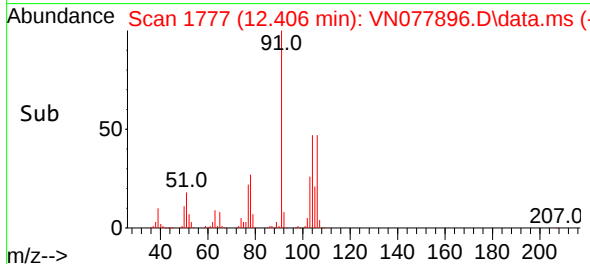
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



Tgt Ion:106 Resp: 198927
Ion Ratio Lower Upper
106 100
91 209.9 105.2 315.5

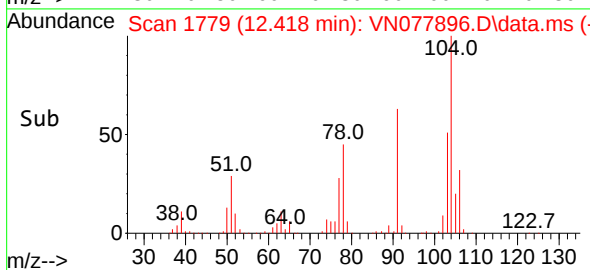
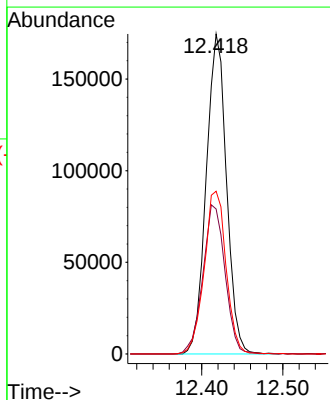
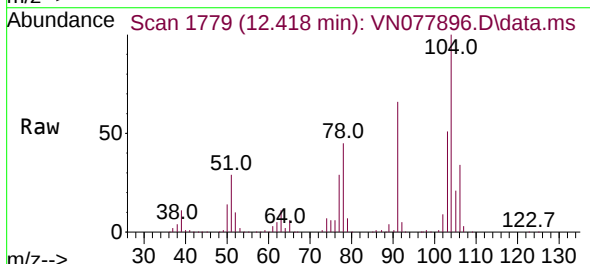
Manual Integrations
APPROVED

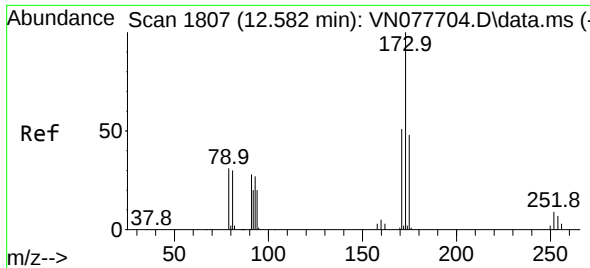
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#70
Styrene
Concen: 21.045 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

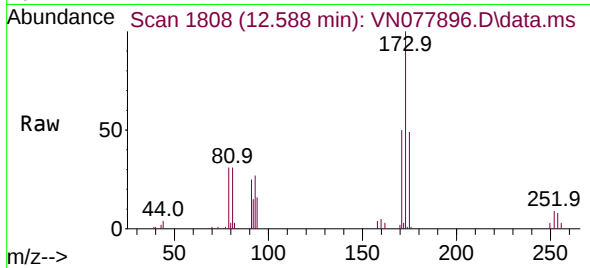
Tgt Ion:104 Resp: 302857
Ion Ratio Lower Upper
104 100
78 51.0 39.5 59.3
103 55.0 43.2 64.8





#71
Bromoform
Concen: 20.810 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

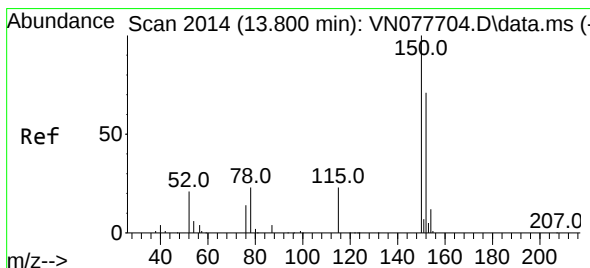
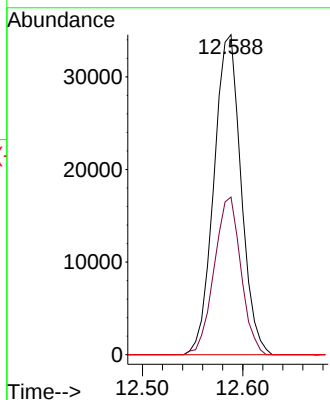
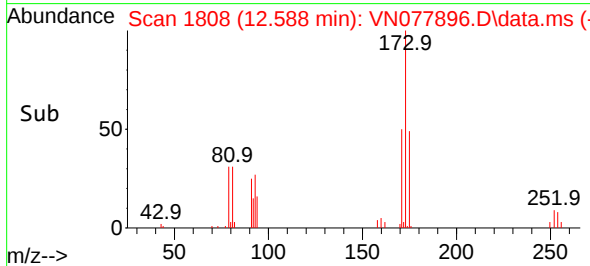
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



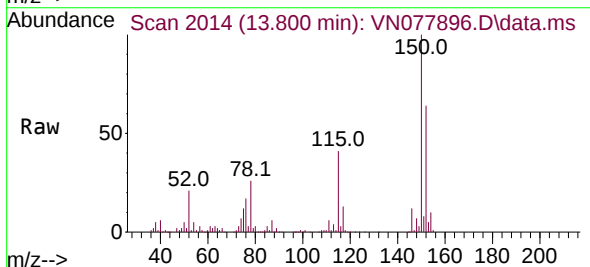
Tgt Ion:173 Resp: 64979
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

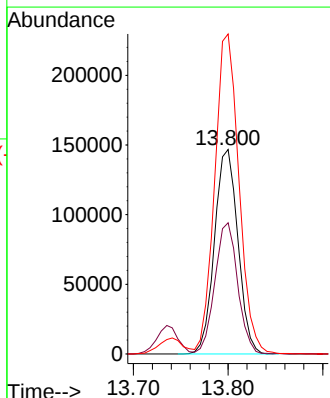
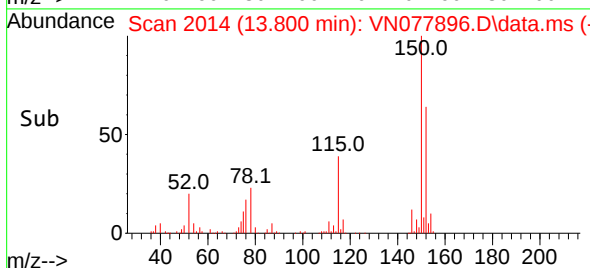
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

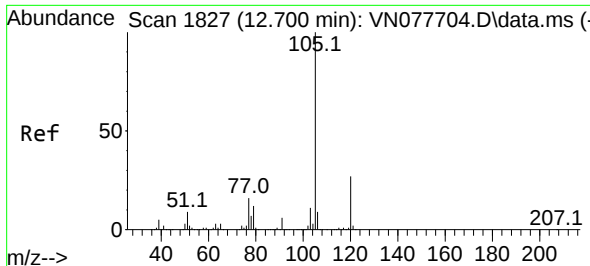


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



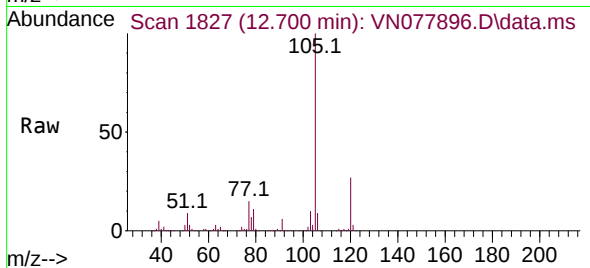
Tgt Ion:152 Resp: 252376
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 162.0 0.0 355.8





#73
Isopropylbenzene
Concen: 22.931 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

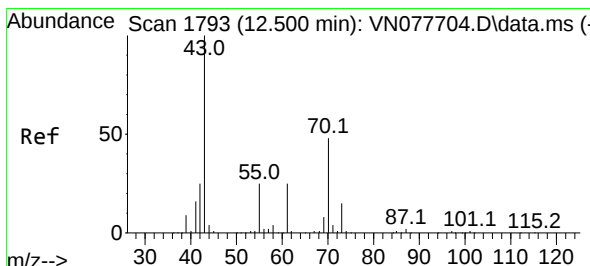
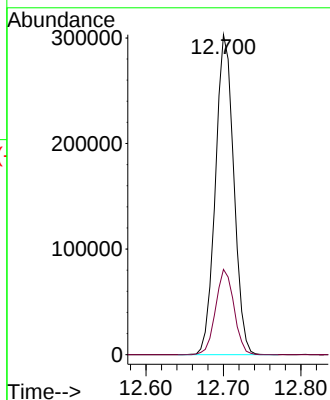
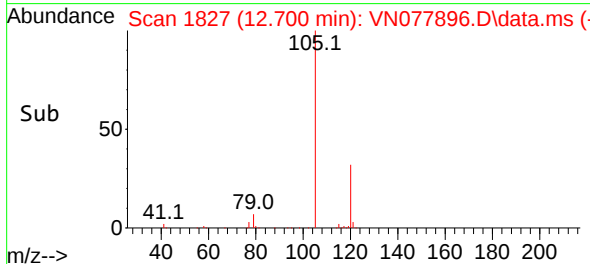
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



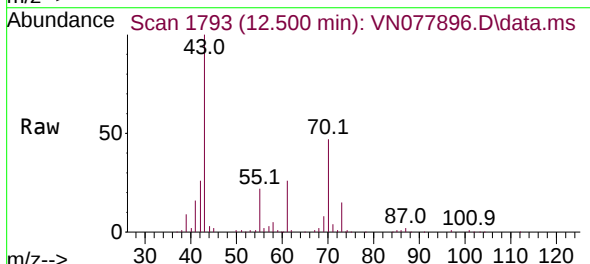
Tgt Ion:105 Resp: 49886
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations
APPROVED

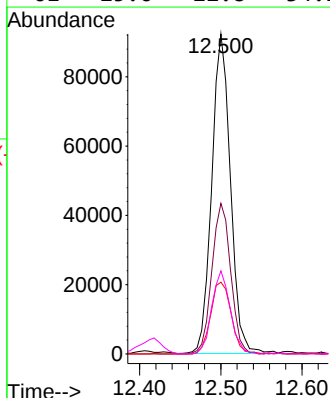
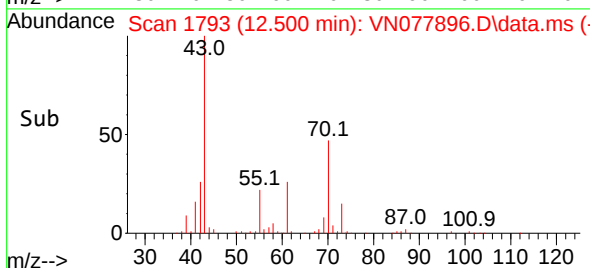
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

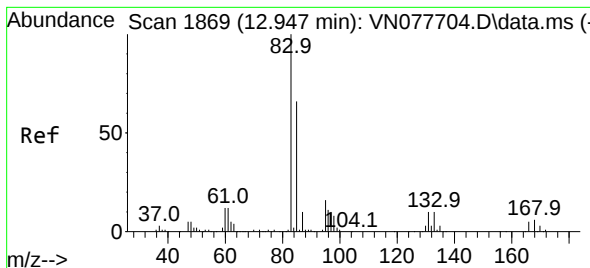


#74
N-ethyl acetate
Concen: 18.347 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



Tgt Ion: 43 Resp: 147535
Ion Ratio Lower Upper
43 100
70 47.6 43.4 65.2
55 24.7 21.4 32.0
61 25.6 22.8 34.2





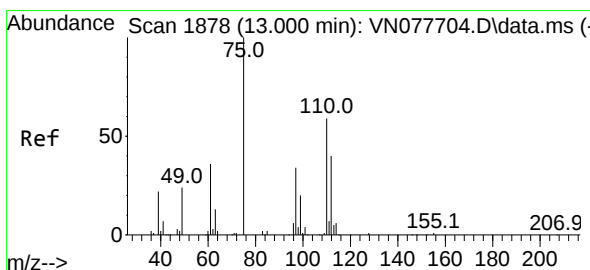
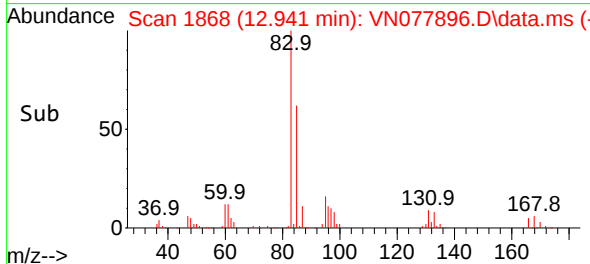
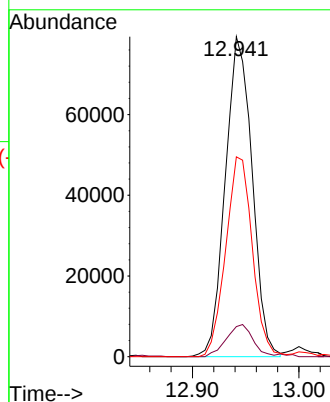
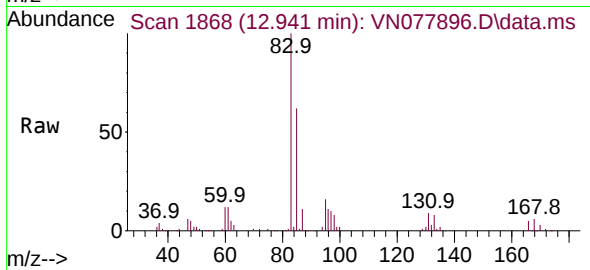
#75
1,1,2,2-Tetrachloroethane
Concen: 20.717 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01

Tgt Ion: 83 Resp: 138652
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 62.1 31.9 95.7

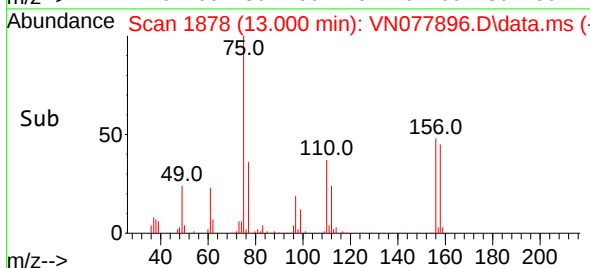
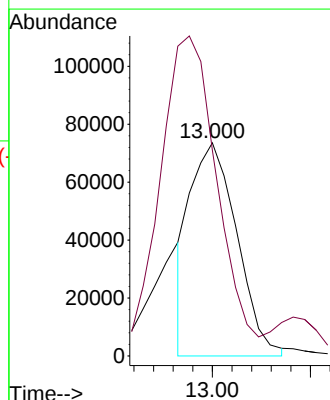
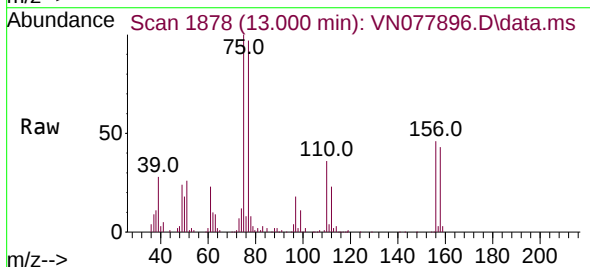
Manual Integrations
APPROVED

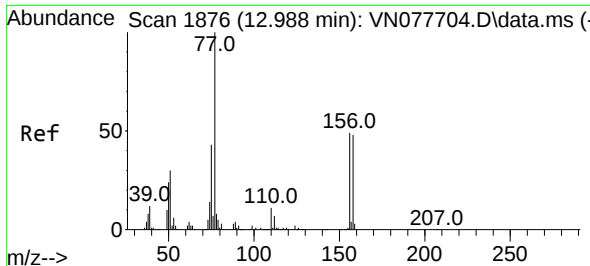
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#76
1,2,3-Trichloropropane
Concen: 19.253 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

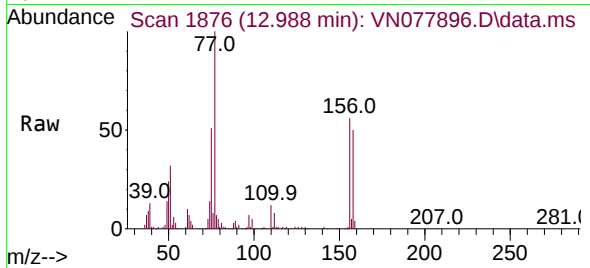
Tgt Ion: 75 Resp: 121687
Ion Ratio Lower Upper
75 100
77 184.5 84.5 253.5





#77
Bromobenzene
Concen: 21.827 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

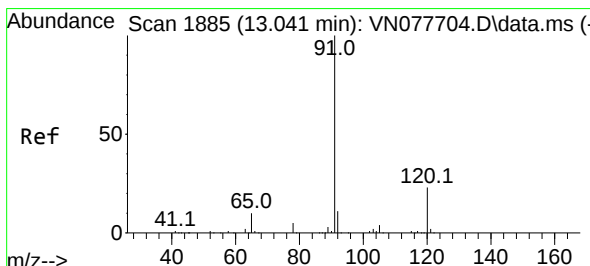
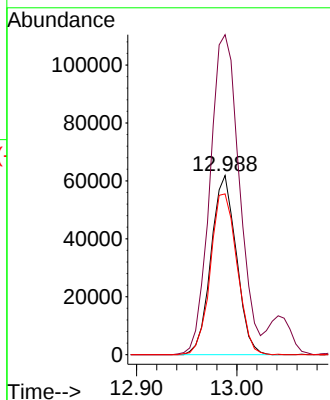
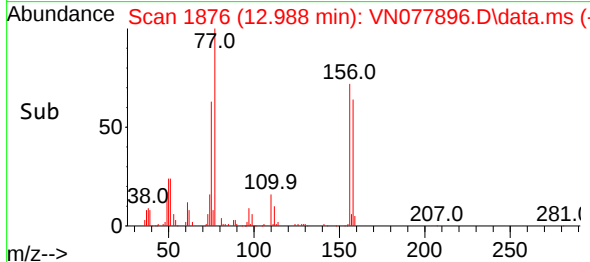
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



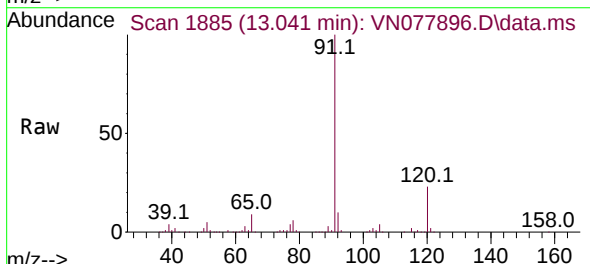
Tgt Ion:156 Resp: 10836
Ion Ratio Lower Upper
156 100
77 207.2 107.7 323.3
158 94.4 48.4 145.3

Manual Integrations
APPROVED

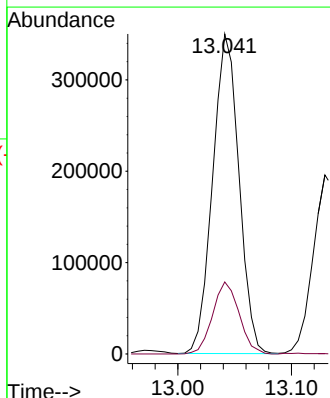
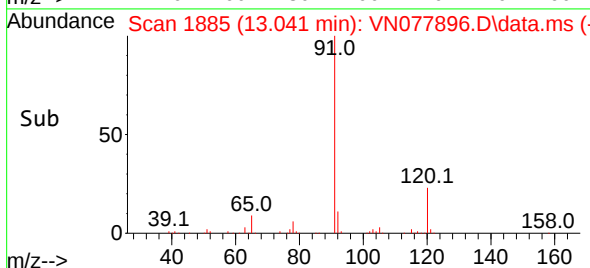
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

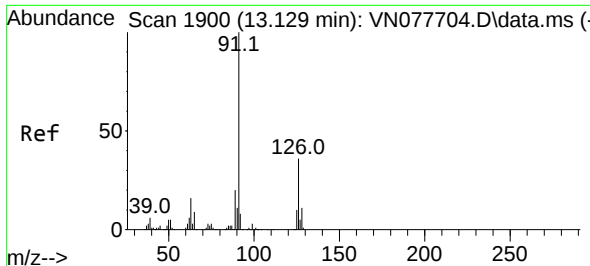


#78
n-propylbenzene
Concen: 21.935 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



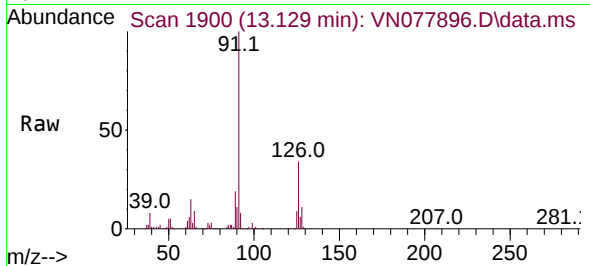
Tgt Ion: 91 Resp: 562586
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79
2-Chlorotoluene
Concen: 22.325 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

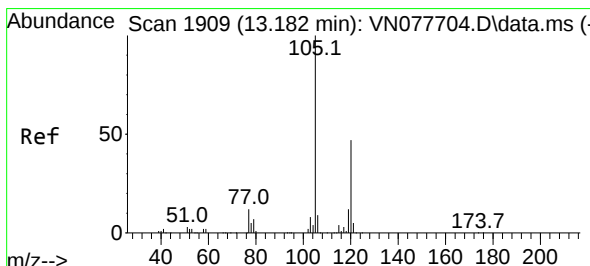
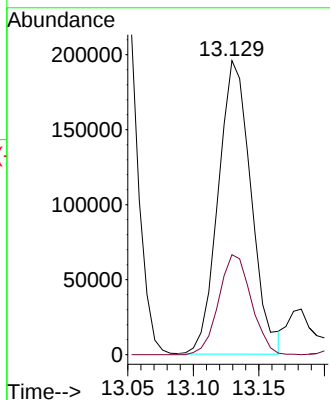
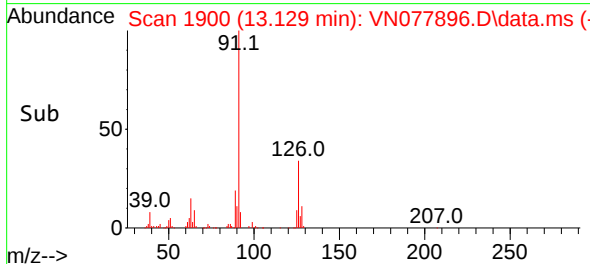
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



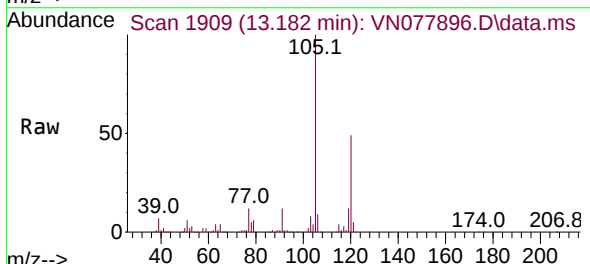
Tgt Ion: 91 Resp: 341670
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

Manual Integrations
APPROVED

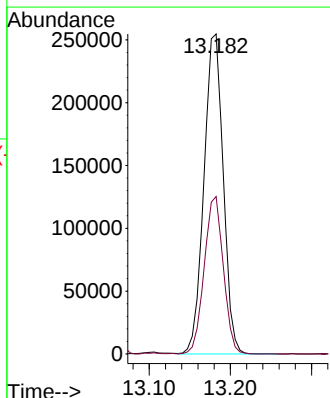
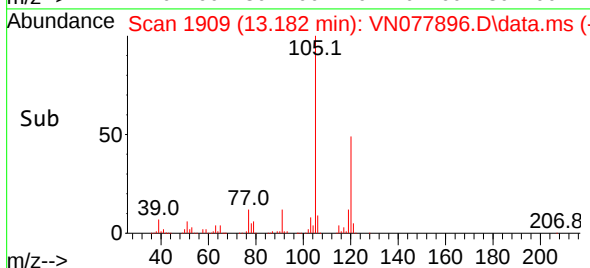
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

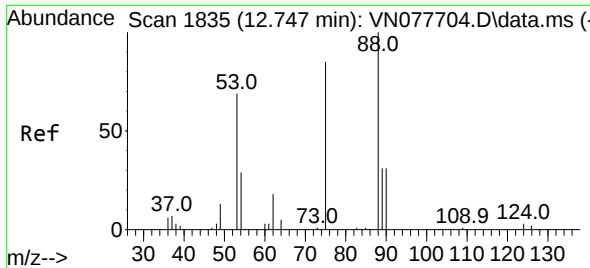


#80
1,3,5-Trimethylbenzene
Concen: 23.000 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



Tgt Ion:105 Resp: 420534
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





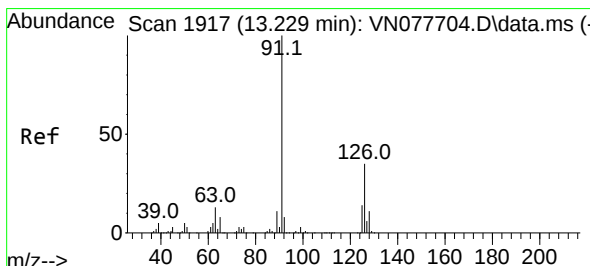
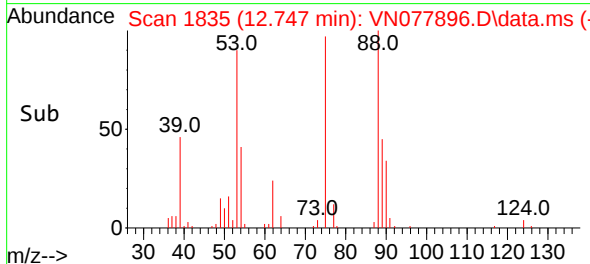
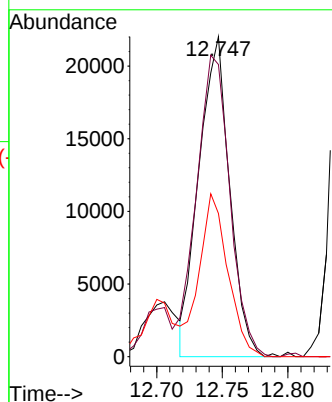
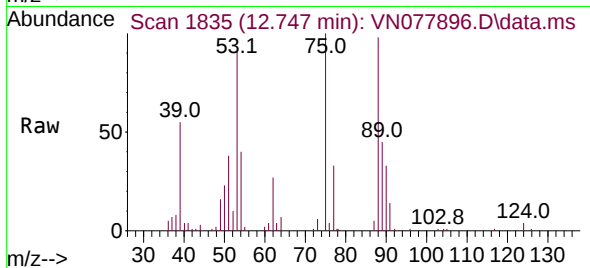
#81
trans-1,4-Dichloro-2-butene
Concen: 18.122 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01

Tgt Ion: 75 Resp: 35832
Ion Ratio Lower Upper
75 100
53 103.4 67.4 101.2
89 47.7 38.8 58.2

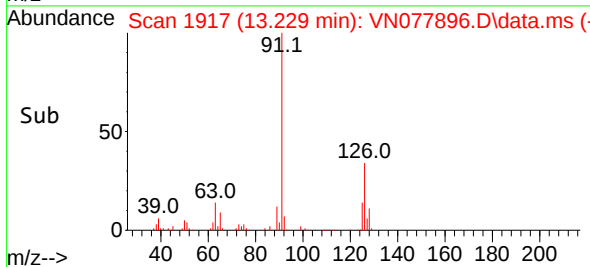
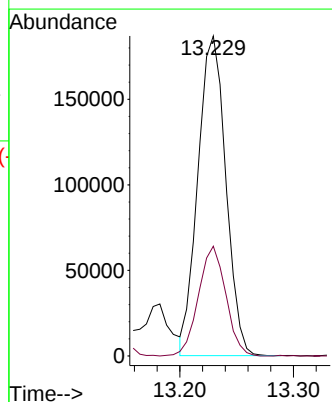
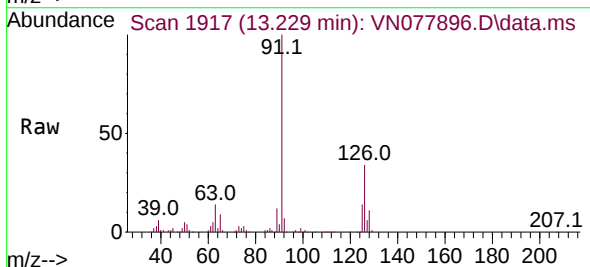
Manual Integrations
APPROVED

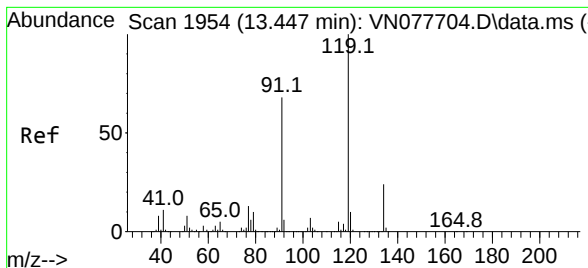
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#82
4-Chlorotoluene
Concen: 20.939 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

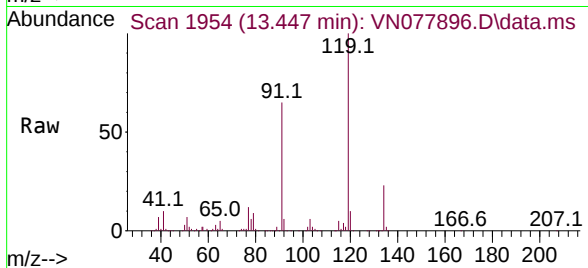
Tgt Ion: 91 Resp: 318841
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 22.349 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

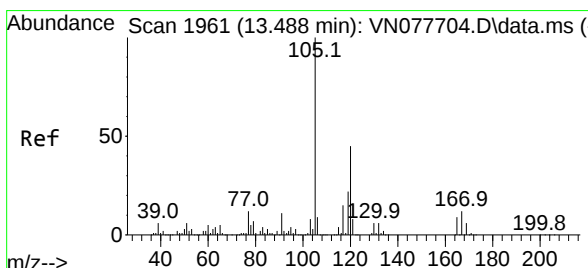
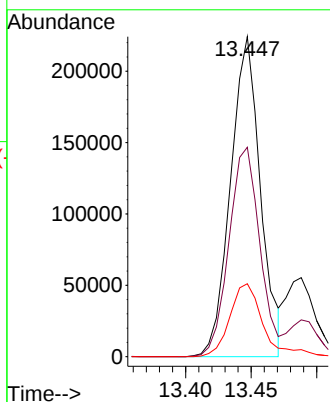
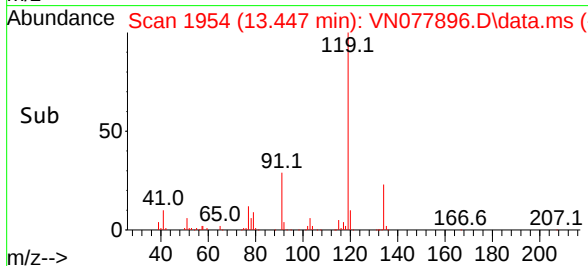
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



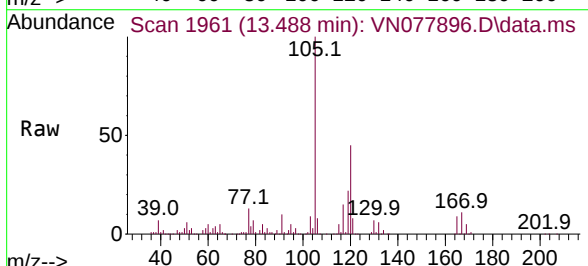
Tgt Ion:119 Resp: 35673
Ion Ratio Lower Upper
119 100
91 67.3 33.9 101.7
134 25.4 13.2 39.6

Manual Integrations
APPROVED

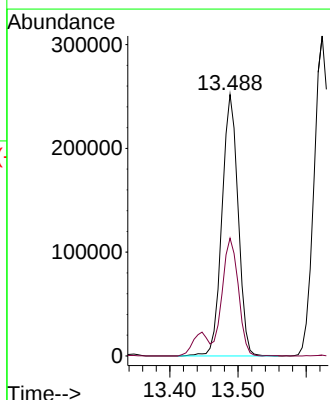
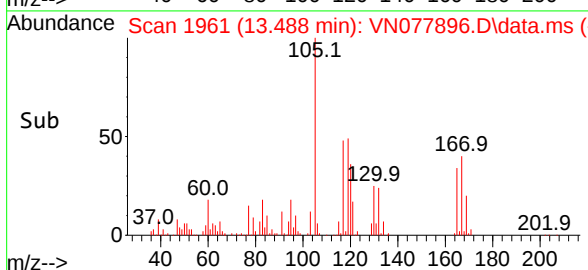
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

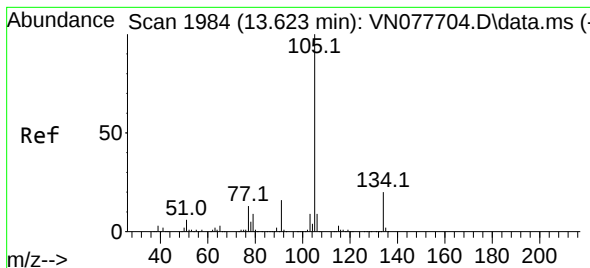


#84
1,2,4-Trimethylbenzene
Concen: 23.059 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



Tgt Ion:105 Resp: 414653
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





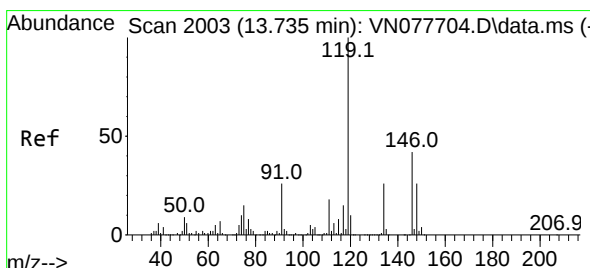
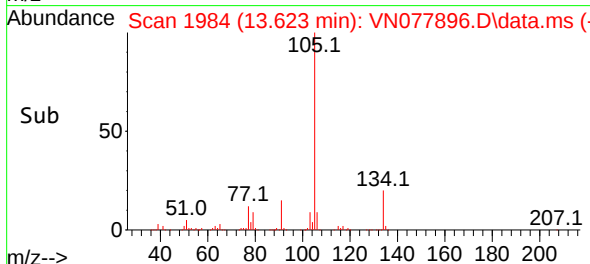
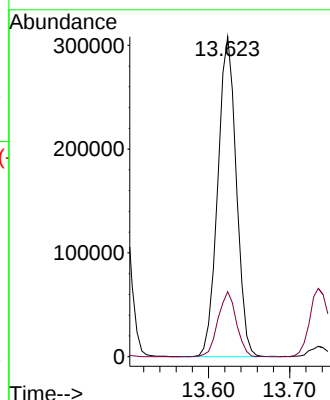
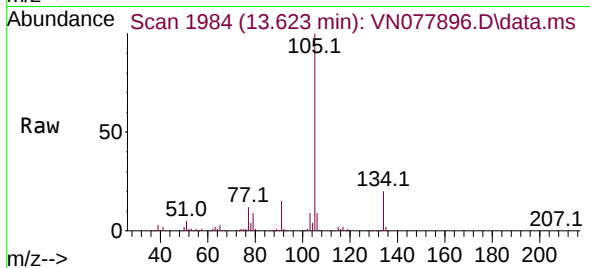
#85
 sec-Butylbenzene
 Concen: 21.587 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077896.D
 Acq: 25 May 2023 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0525MBS01

Tgt Ion:105 Resp: 489680
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

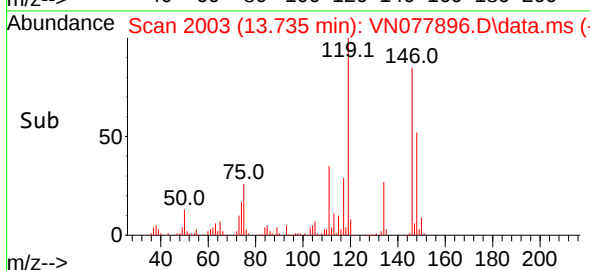
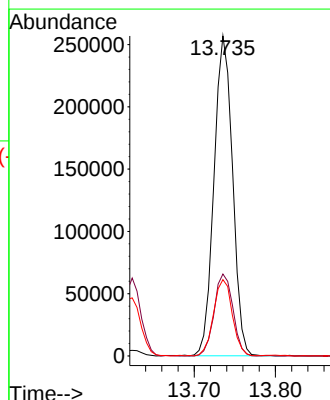
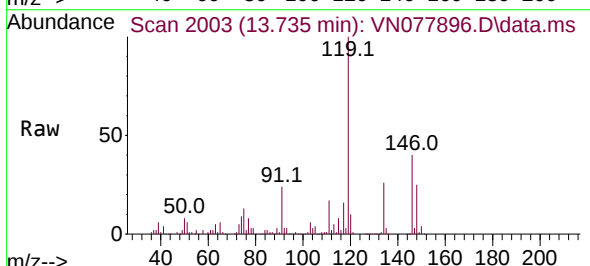
Manual Integrations
 APPROVED

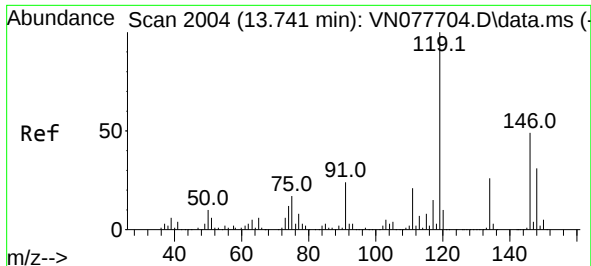
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/26/2023



#86
 p-Isopropyltoluene
 Concen: 22.578 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077896.D
 Acq: 25 May 2023 12:42

Tgt Ion:119 Resp: 408322
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.657 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN077896.D

Acq: 25 May 2023 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0525MBS01

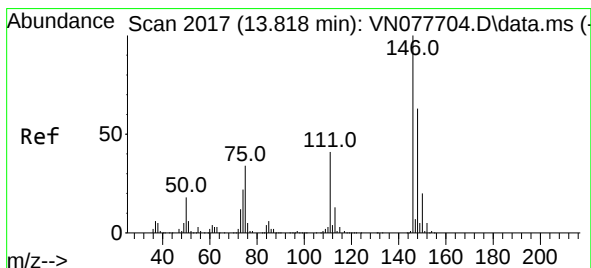
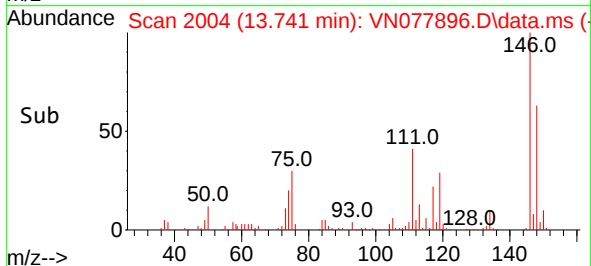
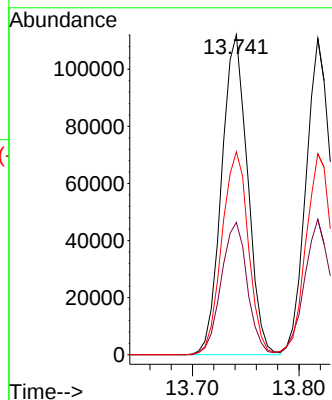
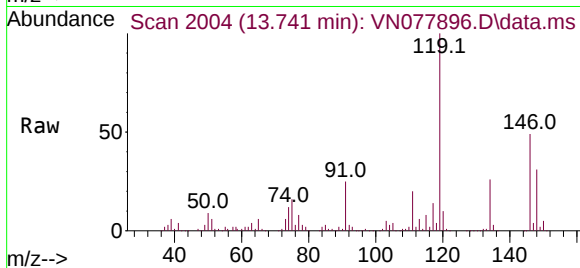
Tgt Ion:146 Resp: 189654
 Ion Ratio Lower Upper
 146 100
 111 41.6 22.1 66.3
 148 64.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/26/2023



#88

1,4-Dichlorobenzene

Concen: 19.999 ug/l

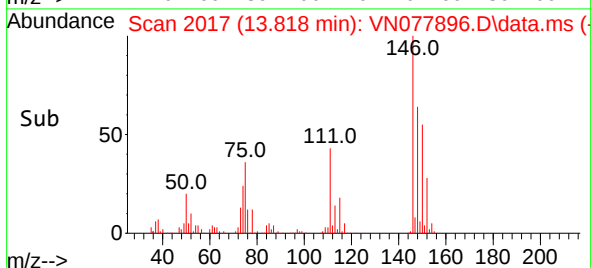
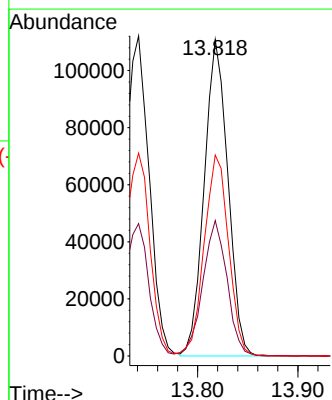
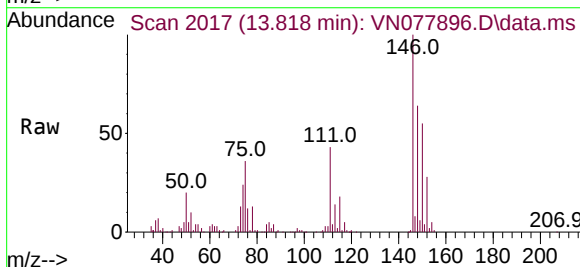
RT: 13.818 min Scan# 2017

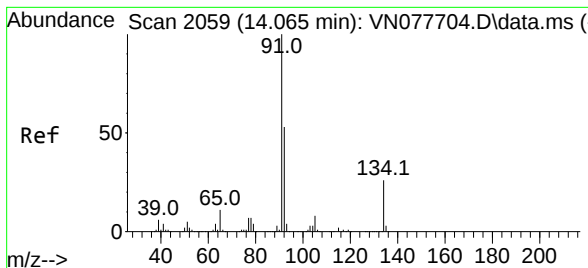
Delta R.T. 0.001 min

Lab File: VN077896.D

Acq: 25 May 2023 12:42

Tgt Ion:146 Resp: 182204
 Ion Ratio Lower Upper
 146 100
 111 44.0 20.6 61.8
 148 65.4 31.6 94.8





#89

n-Butylbenzene

Concen: 19.162 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077896.D

Acq: 25 May 2023 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0525MBS01

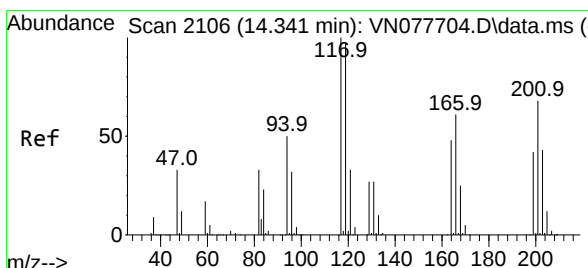
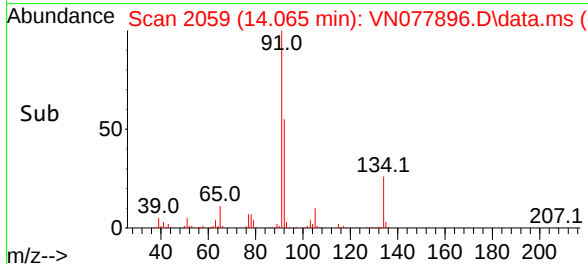
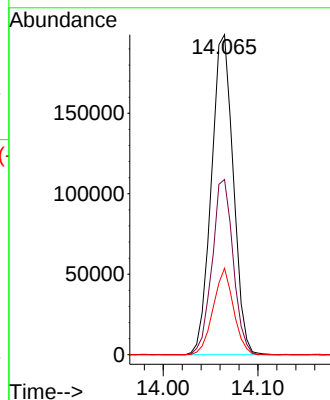
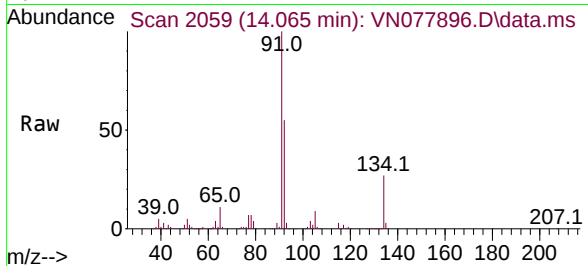
Tgt Ion:	91	Resp:	31874
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.4	79.0
134	25.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/26/2023



#90

Hexachloroethane

Concen: 21.748 ug/l

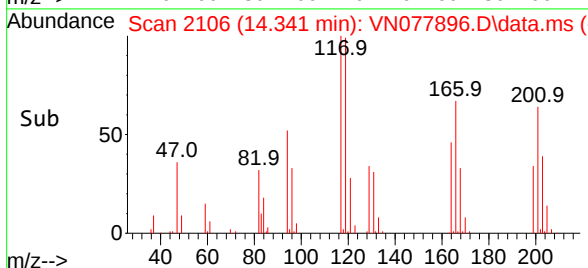
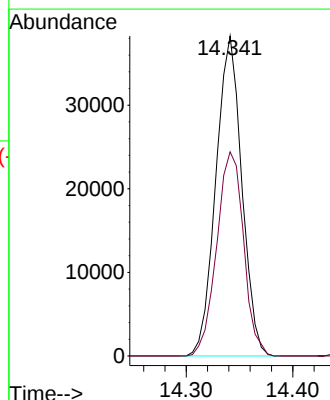
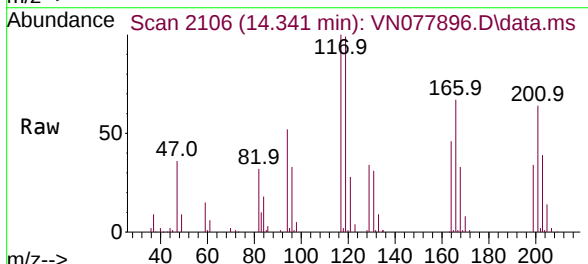
RT: 14.341 min Scan# 2106

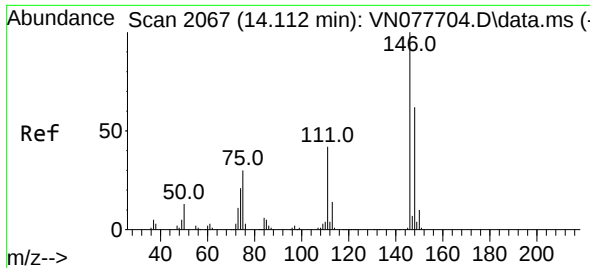
Delta R.T. 0.000 min

Lab File: VN077896.D

Acq: 25 May 2023 12:42

Tgt Ion:	117	Resp:	64612
Ion Ratio	Lower	Upper	
117	100		
201	66.2	29.3	88.0





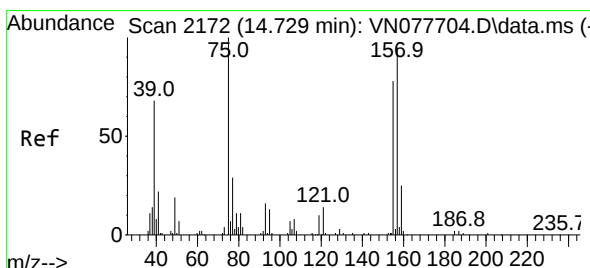
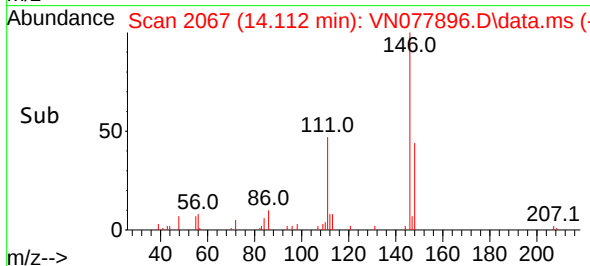
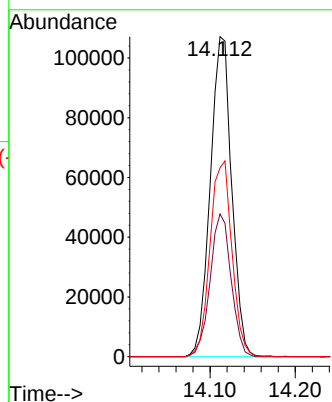
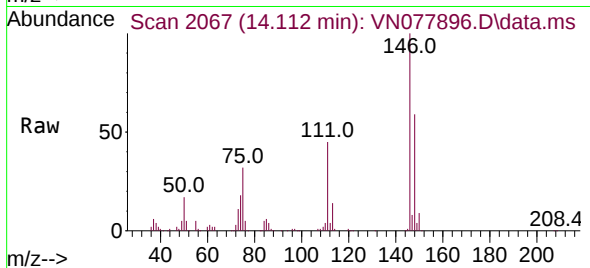
#91
1,2-Dichlorobenzene
Concen: 21.776 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01

Tgt Ion:146 Resp: 186775
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 62.6 31.8 95.3

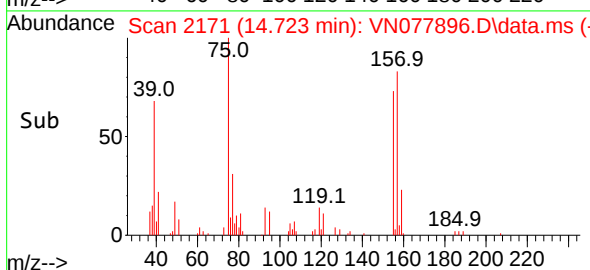
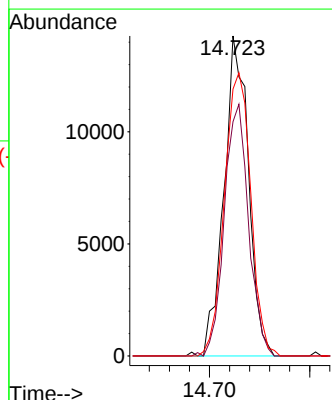
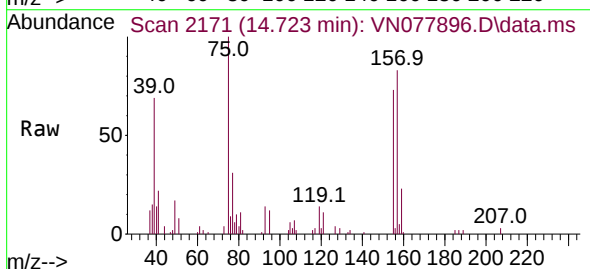
Manual Integrations
APPROVED

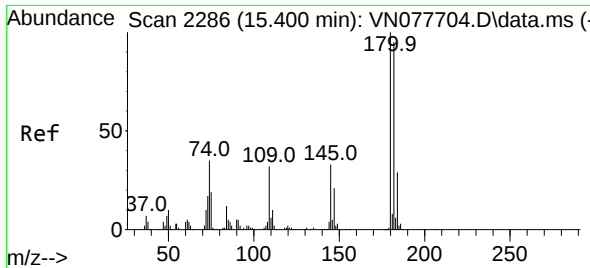
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.614 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

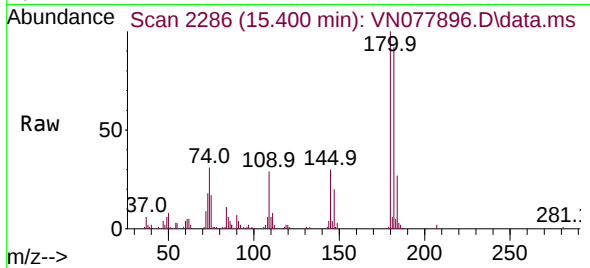
Tgt Ion: 75 Resp: 24118
Ion Ratio Lower Upper
75 100
155 78.2 39.1 117.2
157 95.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 14.678 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42

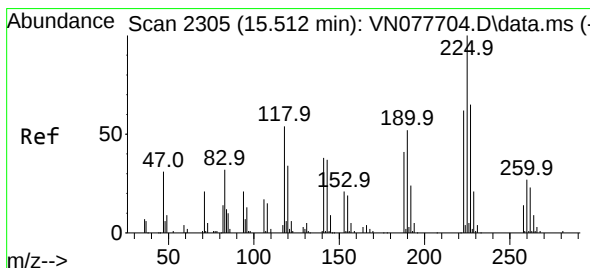
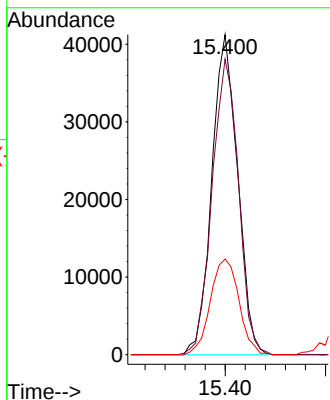
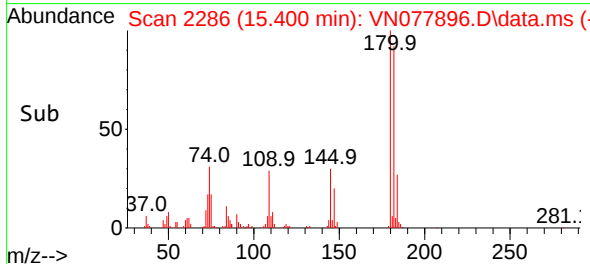
Instrument :
MSVOA_N
ClientSampleId :
VN0525MBS01



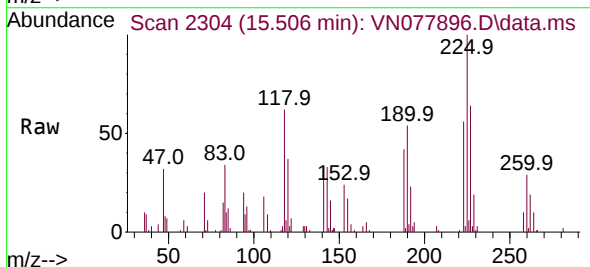
Tgt Ion:180 Resp: 73570
Ion Ratio Lower Upper
180 100
182 94.6 46.1 138.2
145 33.2 16.6 49.8

Manual Integrations
APPROVED

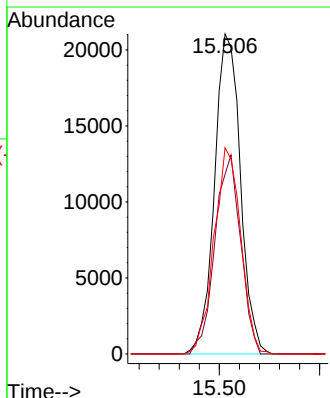
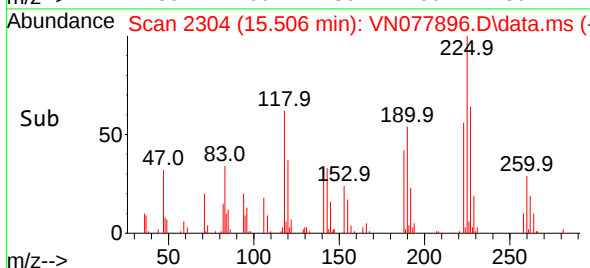
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/26/2023

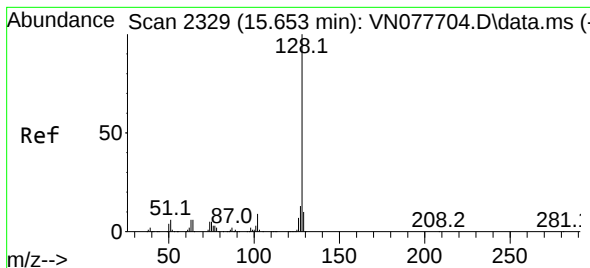


#94
Hexachlorobutadiene
Concen: 18.129 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN077896.D
Acq: 25 May 2023 12:42



Tgt Ion:225 Resp: 37728
Ion Ratio Lower Upper
225 100
223 61.7 31.3 93.8
227 66.3 31.9 95.9





#95

Naphthalene

Concen: 13.202 ug/l

RT: 15.647 min Scan# 2329

Delta R.T. -0.000 min

Lab File: VN077896.D

Acq: 25 May 2023 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0525MBS01

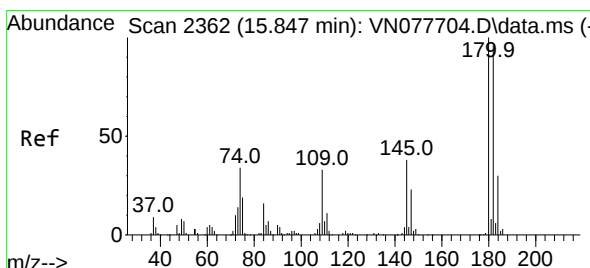
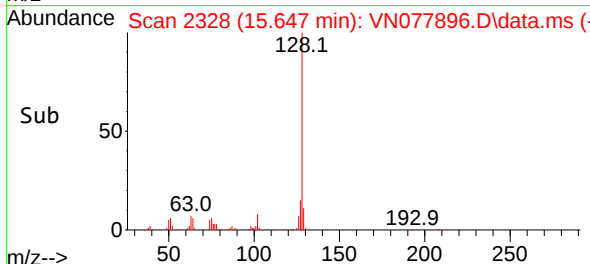
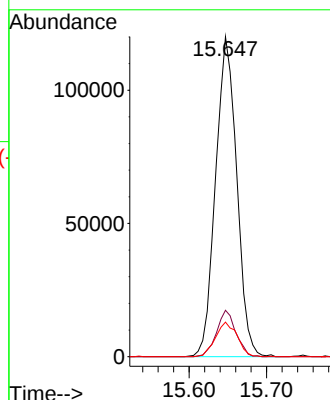
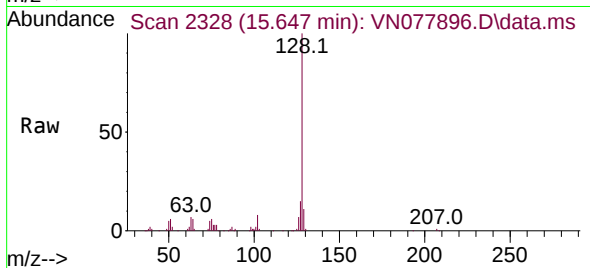
Tgt Ion:128	Resp: 22776
Ion Ratio	Lower Upper
128 100	
127 13.2	10.0 15.0
129 11.1	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/26/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.458 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077896.D

Acq: 25 May 2023 12:42

Tgt Ion:180	Resp: 75859
Ion Ratio	Lower Upper
180 100	
182 96.2	46.2 138.6
145 36.7	17.5 52.6

