

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074796.D
 Acq On : 06 Oct 2022 20:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 07 06:59:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	291029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	521164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	569503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	376422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	368560	53.448	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.900%			
35) Dibromofluoromethane	8.177	113	279828	53.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.280%			
50) Toluene-d8	10.571	98	1216059	53.822	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.640%			
62) 4-Bromofluorobenzene	12.853	95	387840	56.468	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	294402	49.327	ug/l	99
3) Chloromethane	2.383	50	395338	44.540	ug/l	100
4) Vinyl Chloride	2.530	62	571414	51.995	ug/l	95
5) Bromomethane	2.936	94	410586	52.983	ug/l	97
6) Chloroethane	3.118	64	420402	51.703	ug/l	99
7) Trichlorofluoromethane	3.500	101	401147	46.315	ug/l	96
8) Diethyl Ether	3.977	74	194407	43.026	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	244407	46.062	ug/l	99
10) Methyl Iodide	4.612	142	303603	47.317	ug/l	97
11) Tert butyl alcohol	5.547	59	502070	217.392	ug/l	99
12) 1,1-Dichloroethene	4.359	96	243507	43.112	ug/l	83
13) Acrolein	4.200	56	144898	271.431	ug/l	96
14) Allyl chloride	5.047	41	508262	43.784	ug/l	91
15) Acrylonitrile	5.741	53	1185222	235.291	ug/l	98
16) Acetone	4.453	43	926086	236.984	ug/l	98
17) Carbon Disulfide	4.724	76	668256	43.294	ug/l	96
18) Methyl Acetate	5.047	43	696865	48.166	ug/l	98
19) Methyl tert-butyl Ether	5.824	73	1056937	48.099	ug/l	95
20) Methylene Chloride	5.300	84	315356	50.754	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	273548	45.276	ug/l	98
22) Diisopropyl ether	6.694	45	1219932	49.479	ug/l	99
23) Vinyl Acetate	6.624	43	5248431	259.148	ug/l	98
24) 1,1-Dichloroethane	6.588	63	601353	47.307	ug/l	99
25) 2-Butanone	7.500	43	1715645	241.909	ug/l	97
26) 2,2-Dichloropropane	7.506	77	443102	42.263	ug/l	98
27) cis-1,2-Dichloroethene	7.506	96	344963	47.962	ug/l	98
28) Bromochloromethane	7.824	49	298575	52.058	ug/l	98
29) Tetrahydrofuran	7.853	42	1187852	240.316	ug/l	100
30) Chloroform	7.977	83	584456	50.198	ug/l	97
31) Cyclohexane	8.271	56	545746	45.790	ug/l	99
32) 1,1,1-Trichloroethane	8.182	97	488839	49.257	ug/l	98
36) 1,1-Dichloropropene	8.382	75	435349	51.080	ug/l	98
37) Ethyl Acetate	7.500	43	1715645	50.186	ug/l #	52
38) Carbon Tetrachloride	8.365	117	410198	51.036	ug/l	99
39) Methylcyclohexane	9.606	83	534850	48.442	ug/l	92
40) Benzene	8.612	78	1401633	50.800	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	344708	51.184	ug/l	97
42) 1,2-Dichloroethane	8.677	62	443188	51.172	ug/l	100
43) Isopropyl Acetate	8.700	43	1091482	51.665	ug/l	97
44) Trichloroethene	9.359	130	290009	50.467	ug/l	97
45) 1,2-Dichloropropane	9.629	63	371351	49.707	ug/l	97
46) Dibromomethane	9.712	93	231596	52.830	ug/l	94
47) Bromodichloromethane	9.894	83	464677	51.881	ug/l #	97
48) Methyl methacrylate	9.618	41	462779	53.356	ug/l #	99
49) 1,4-Dioxane	9.706	88	178417	949.108	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	3593937	264.176	ug/l	98
52) Toluene	10.635	92	891986	53.815	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	562271	52.688	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	573978	49.818	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	350700	52.621	ug/l	93
56) Ethyl methacrylate	10.876	69	636073	52.402	ug/l	98
57) 1,3-Dichloropropane	11.171	76	619770	51.596	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1100975	251.472	ug/l	99
59) 2-Hexanone	11.200	43	2745207	266.779	ug/l	98
60) Dibromochloromethane	11.365	129	355123	54.090	ug/l	98
61) 1,2-Dibromoethane	11.470	107	354811	52.356	ug/l	100
64) Tetrachloroethene	11.106	164	227819	49.277	ug/l	97
65) Chlorobenzene	11.894	112	877827	50.315	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	320840	50.363	ug/l	98
67) Ethyl Benzene	11.965	91	1691615	52.018	ug/l	97
68) m/p-Xylenes	12.076	106	1297505	106.286	ug/l	99
69) o-Xylene	12.400	106	655006	52.298	ug/l	98
70) Styrene	12.417	104	1076153	54.504	ug/l	99
71) Bromoform	12.582	173	257652	53.021	ug/l #	100
73) Isopropylbenzene	12.700	105	1694591	46.783	ug/l	99
74) N-amyl acetate	12.500	43	971182	44.344	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	626208	53.548	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	479645m	42.691	ug/l	
77) Bromobenzene	12.982	156	348490	53.773	ug/l	99
78) n-propylbenzene	13.041	91	1994821	47.802	ug/l	100
79) 2-Chlorotoluene	13.129	91	1175909	46.470	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1401656	48.519	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	229771	39.846	ug/l	100
82) 4-Chlorotoluene	13.223	91	1128820	48.129	ug/l	100
83) tert-Butylbenzene	13.441	119	1212949	48.588	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	1434256	49.100	ug/l	98
85) sec-Butylbenzene	13.617	105	1814582	50.020	ug/l	99
86) p-Isopropyltoluene	13.735	119	1429689	51.069	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	684545	47.651	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	675782	49.803	ug/l	98
89) n-Butylbenzene	14.059	91	1270933	51.506	ug/l	97
90) Hexachloroethane	14.335	117	277043	44.260	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	685818	49.573	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	129504	43.134	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	309555	51.153	ug/l	99
94) Hexachlorobutadiene	15.506	225	134142	47.385	ug/l	98
95) Naphthalene	15.641	128	1413703	54.036	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	310667	51.980	ug/l	97

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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

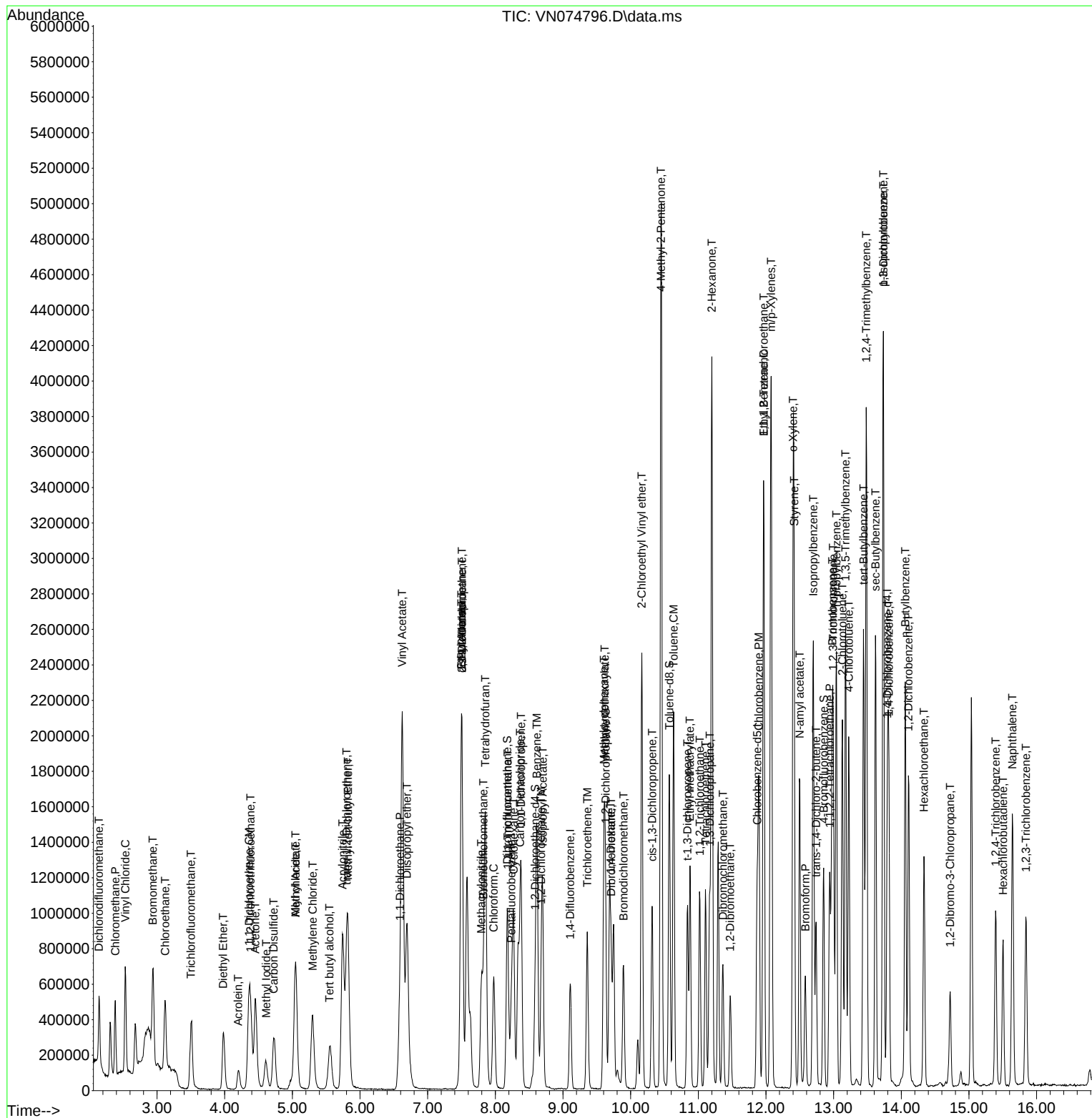
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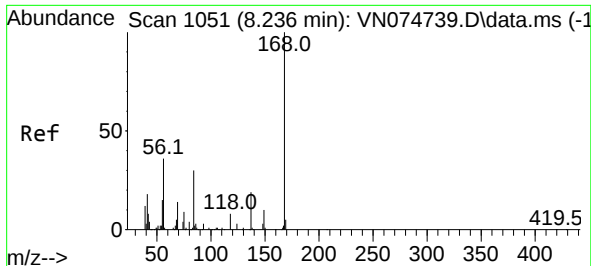
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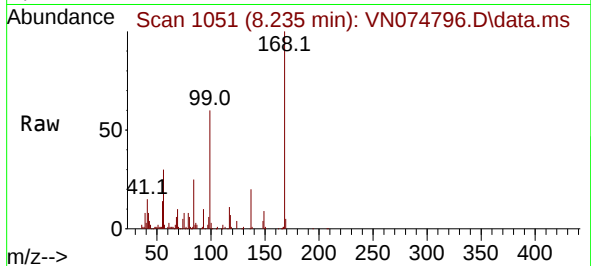
Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074796.D
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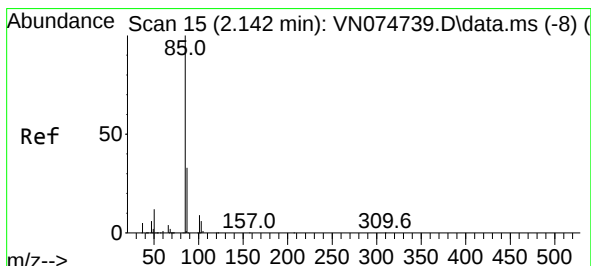
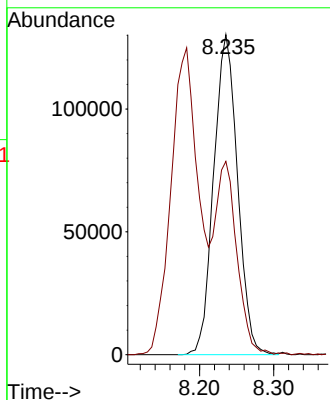
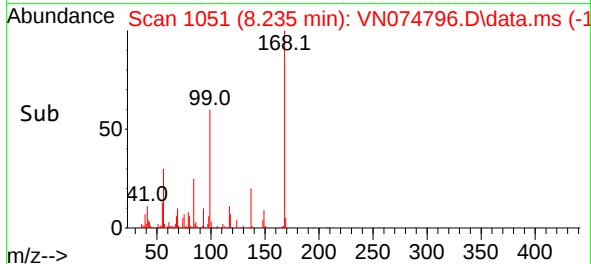
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 291029
Ion Ratio Lower Upper
168 100
99 59.8 42.8 64.2

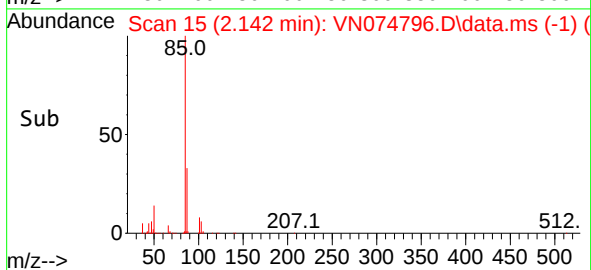
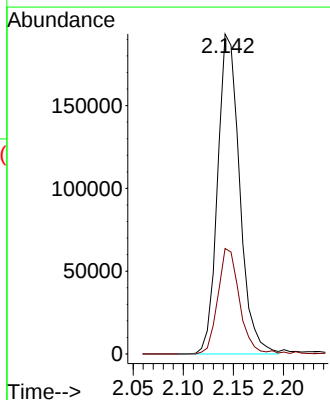
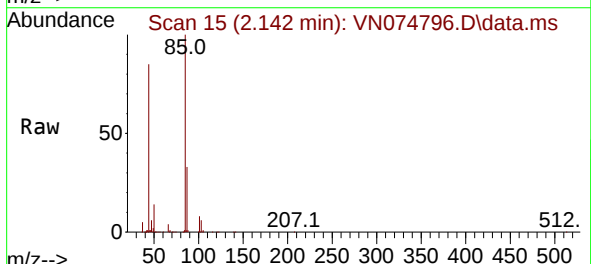
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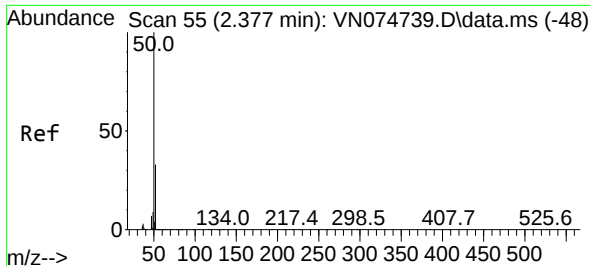
Reviewed By :John Carlone 10/07/2022
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#2
Dichlorodifluoromethane
Concen: 49.327 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

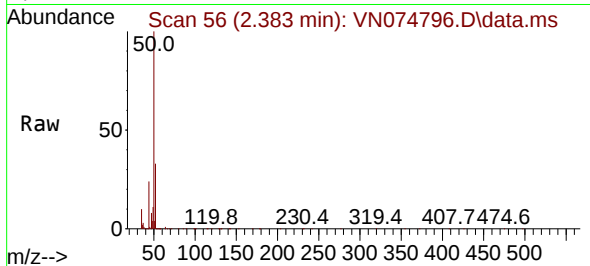
Tgt Ion: 85 Resp: 294402
Ion Ratio Lower Upper
85 100
87 33.0 16.3 48.9





#3
Chloromethane
Concen: 44.540 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

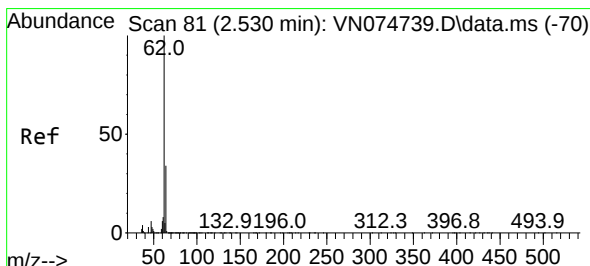
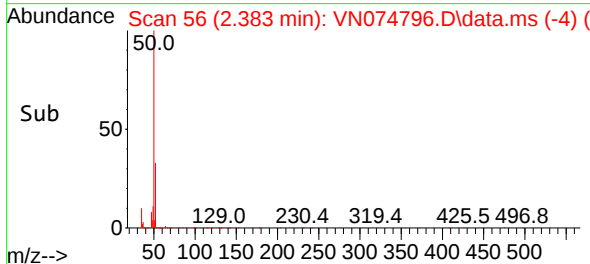
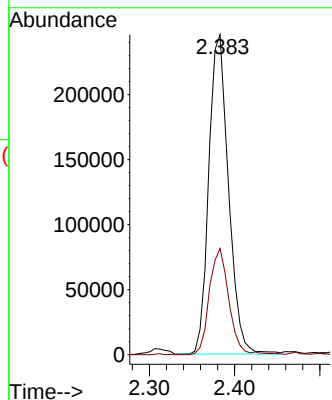
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 395338
Ion Ratio Lower Upper
50 100
52 33.3 26.7 40.1

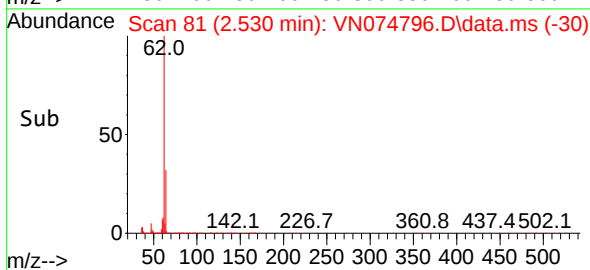
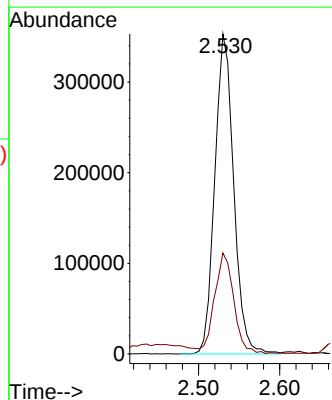
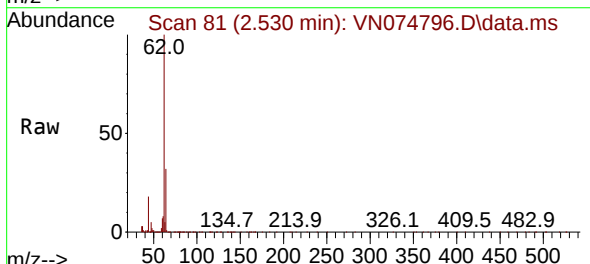
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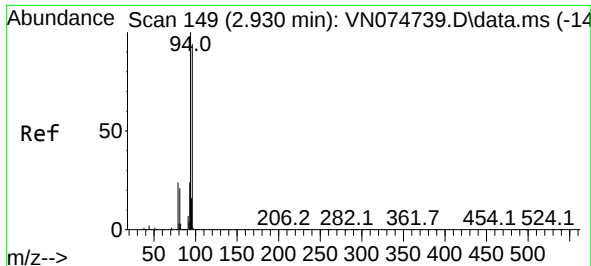
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#4
Vinyl Chloride
Concen: 51.995 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

Tgt Ion: 62 Resp: 571414
Ion Ratio Lower Upper
62 100
64 31.3 27.4 41.2





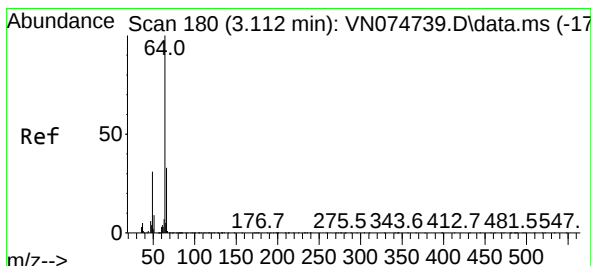
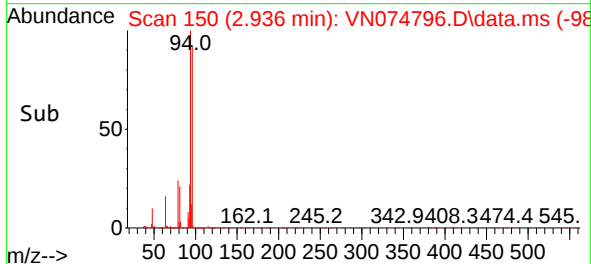
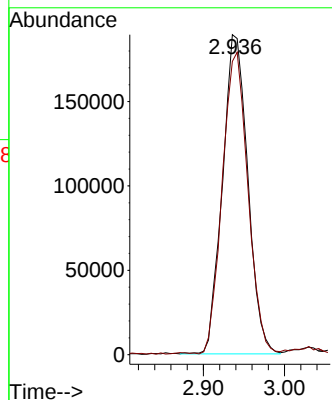
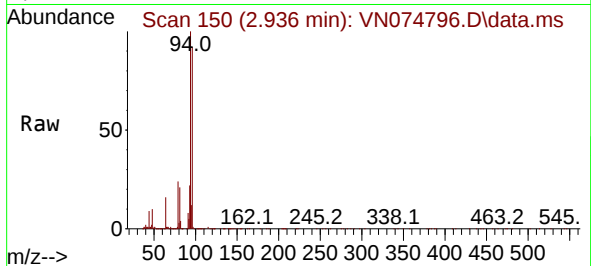
#5
Bromomethane
Concen: 52.983 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

Instrument :
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Tgt Ion: 94 Resp: 410580
Ion Ratio Lower Upper
94 100
96 91.2 75.0 112.6

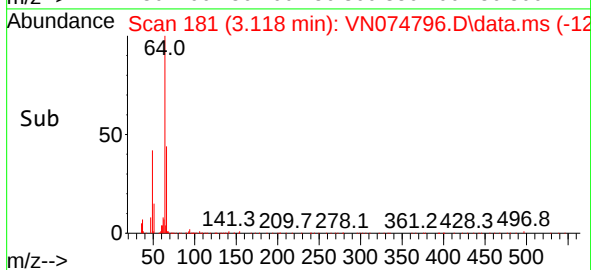
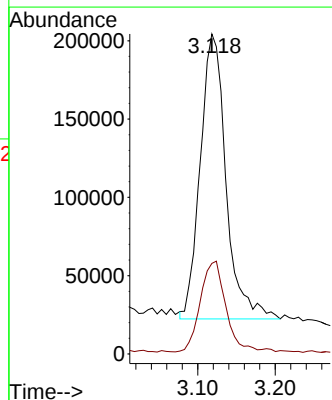
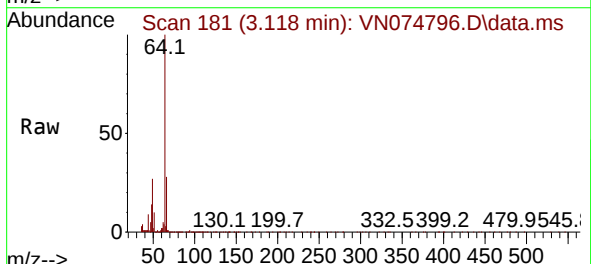
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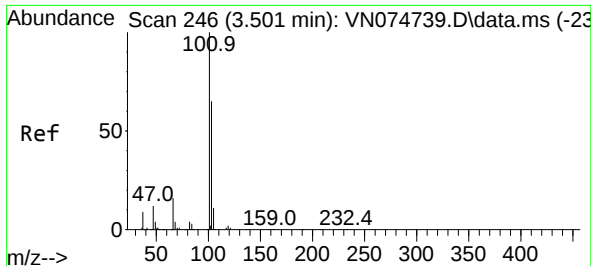
Reviewed By :John Carlone 10/07/2022
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#6
Chloroethane
Concen: 51.703 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

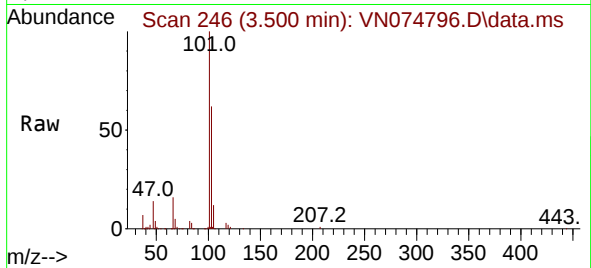
Tgt Ion: 64 Resp: 420402
Ion Ratio Lower Upper
64 100
66 30.8 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 46.315 ug/l
 RT: 3.500 min Scan# 246
 Delta R.T. -0.000 min
 Lab File: VN074796.D
 Acq: 06 Oct 2022 20:17

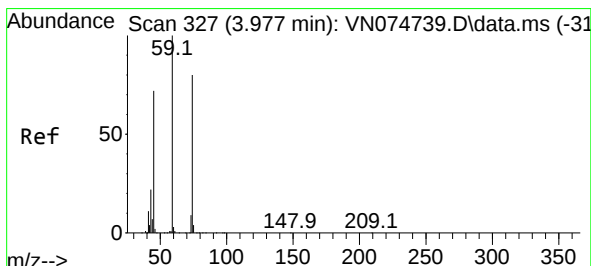
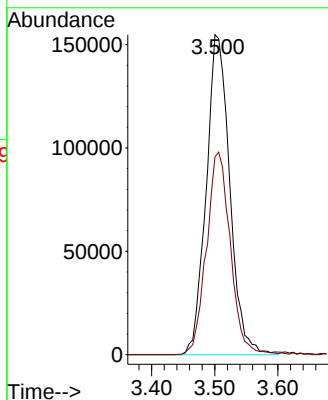
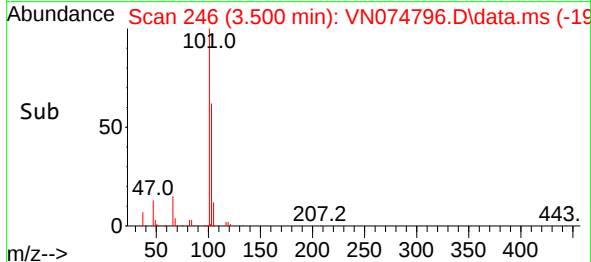
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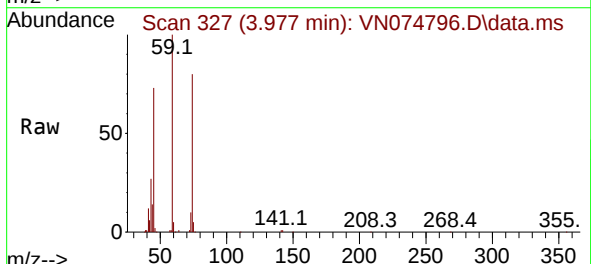
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 Ion Ratio Lower Upper
 101 100
 103 61.7 52.0 78.0

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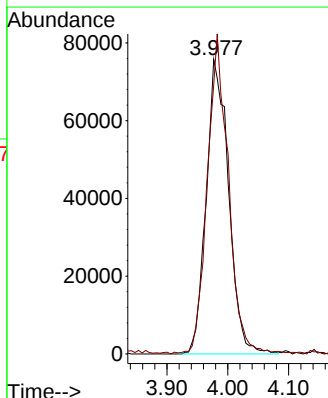
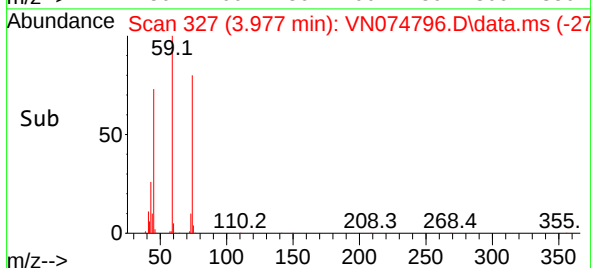
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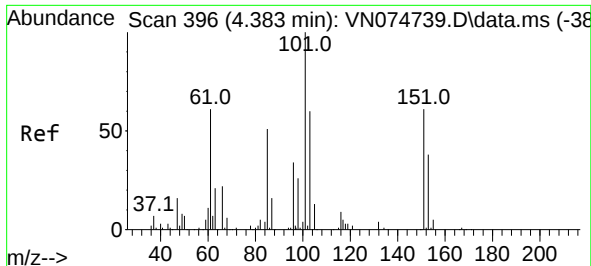


#8
 Diethyl Ether
 Concen: 43.026 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. -0.000 min
 Lab File: VN074796.D
 Acq: 06 Oct 2022 20:17



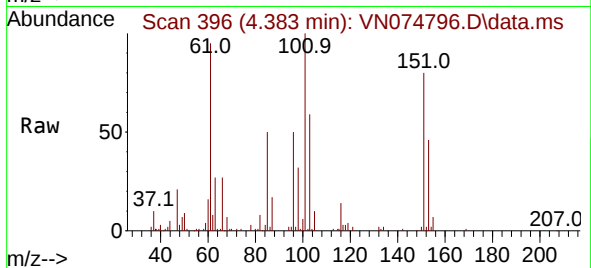
Tgt Ion: 74 Resp: 194407
 Ion Ratio Lower Upper
 74 100
 45 101.9 48.2 144.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.062 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

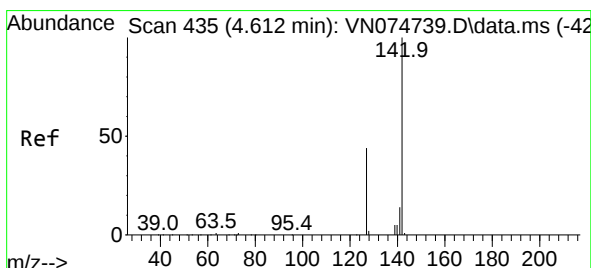
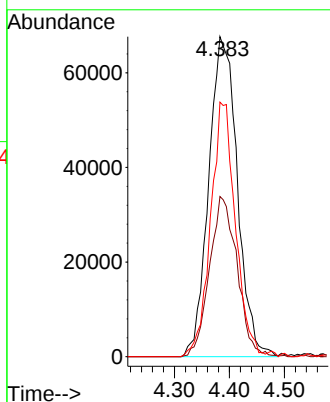
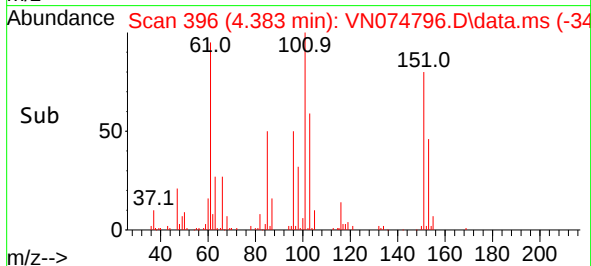
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 24440
Ion Ratio Lower Upper
101 100
85 48.3 37.4 56.0
151 68.9 55.0 82.4

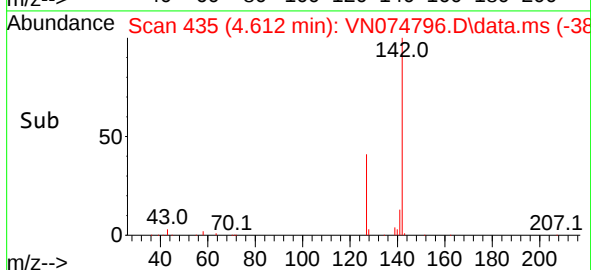
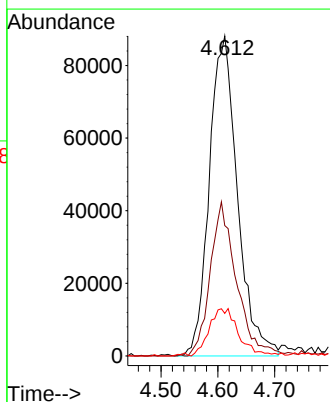
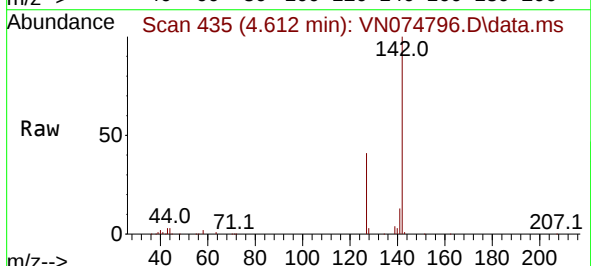
Manual Integrations
APPROVED

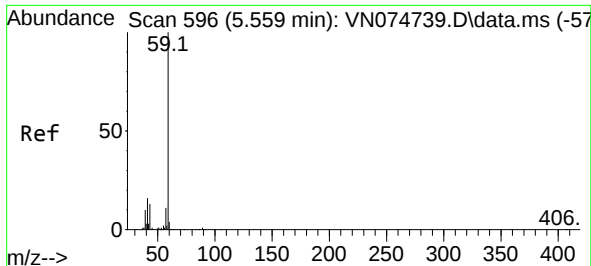
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#10
Methyl Iodide
Concen: 47.317 ug/l
RT: 4.612 min Scan# 435
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

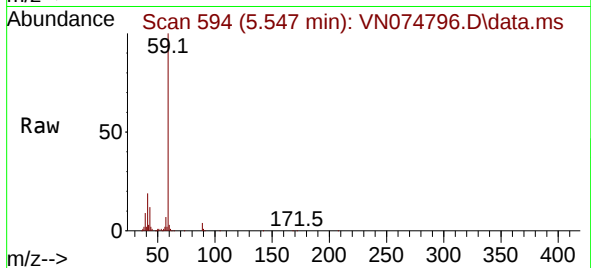
Tgt Ion:142 Resp: 303603
Ion Ratio Lower Upper
142 100
127 44.8 34.4 51.6
141 15.5 11.0 16.6





#11
Tert butyl alcohol
Concen: 217.392 ug/l
RT: 5.547 min Scan# 596
Delta R.T. -0.012 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

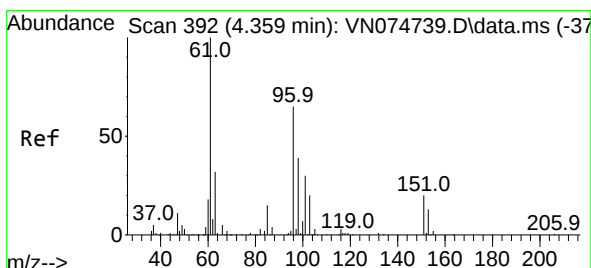
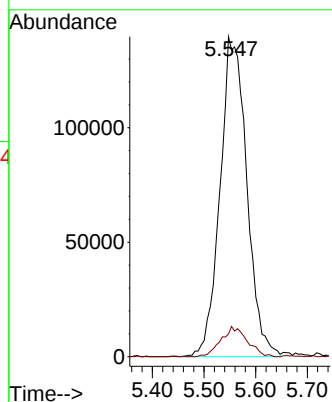
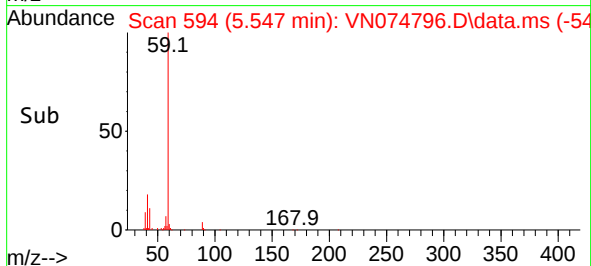
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 502070
Ion Ratio Lower Upper
59 100
57 9.2 7.7 11.5

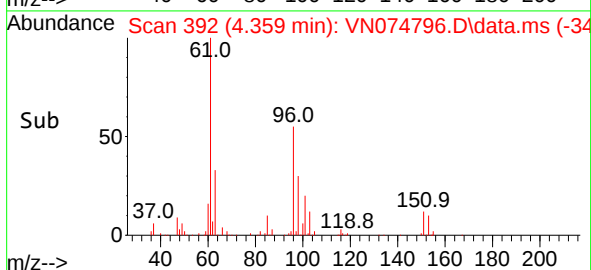
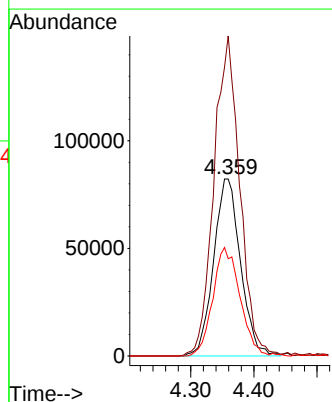
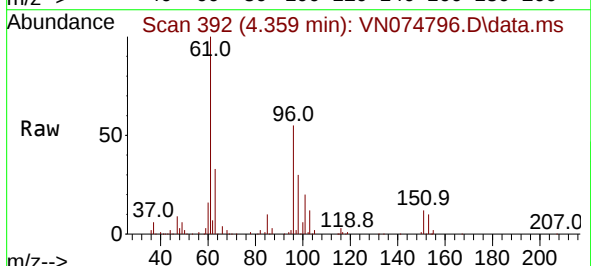
Manual Integrations
APPROVED

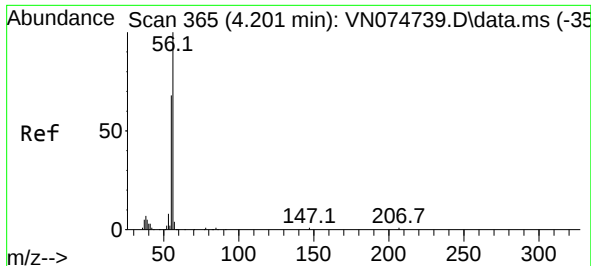
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#12
1,1-Dichloroethene
Concen: 43.112 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

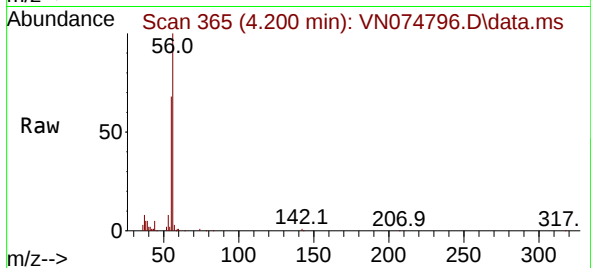
Tgt Ion: 96 Resp: 243507
Ion Ratio Lower Upper
96 100
61 180.8 123.9 185.9
98 54.9 48.8 73.2





#13
Acrolein
Concen: 271.431 ug/l
RT: 4.200 min Scan# 365
Delta R.T. -0.001 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

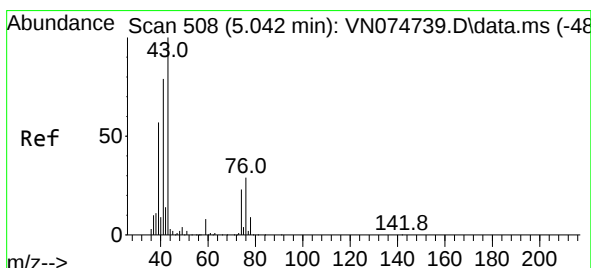
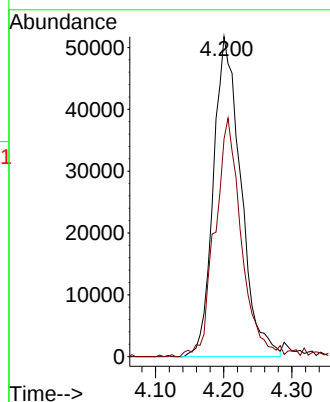
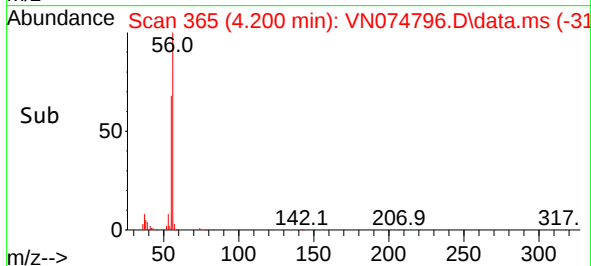
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 144898
Ion Ratio Lower Upper
56 100
55 71.8 54.9 82.3

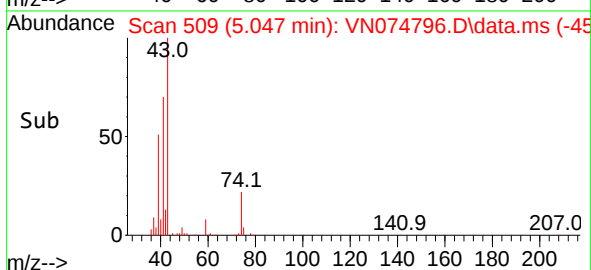
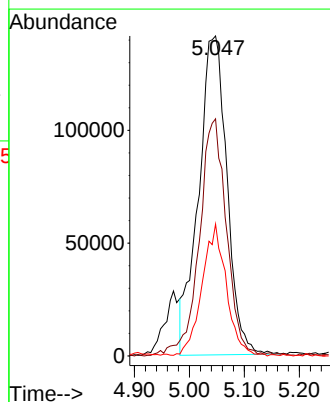
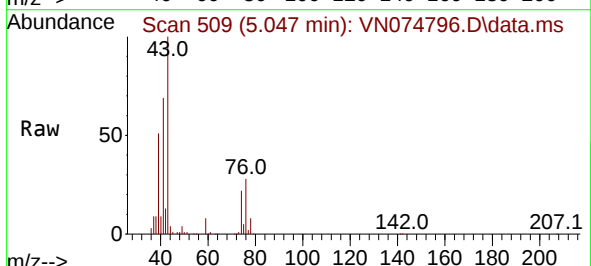
Manual Integrations
APPROVED

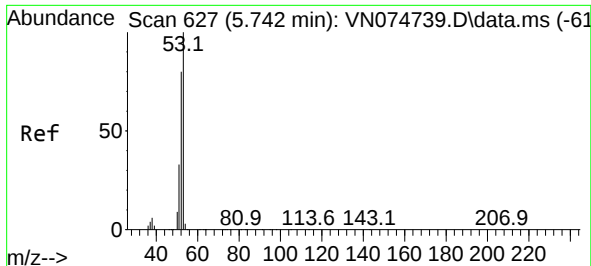
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#14
Allyl chloride
Concen: 43.784 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

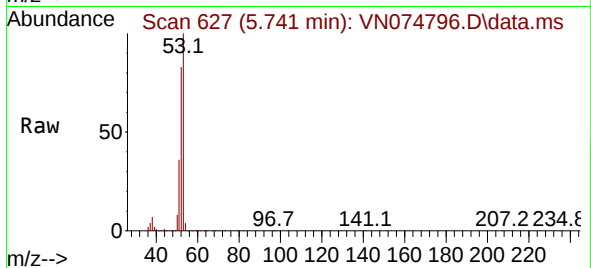
Tgt Ion: 41 Resp: 508262
Ion Ratio Lower Upper
41 100
39 71.1 50.2 75.2
76 35.4 25.6 38.4





#15
Acrylonitrile
Concen: 235.291 ug/l
RT: 5.741 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

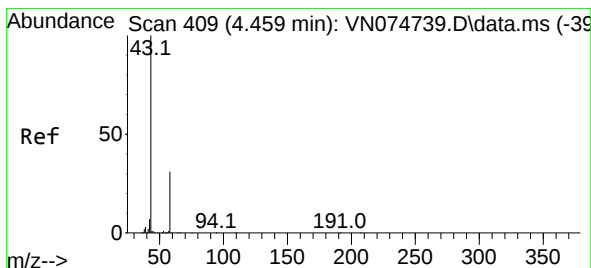
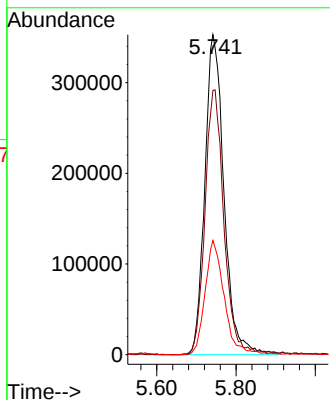
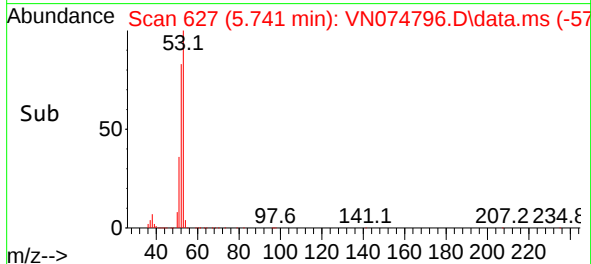
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



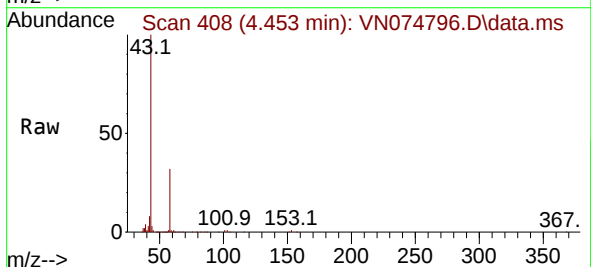
Tgt Ion: 53 Resp: 118522
Ion Ratio Lower Upper
53 100
52 81.6 64.3 96.5
51 35.8 27.5 41.3

Manual Integrations
APPROVED

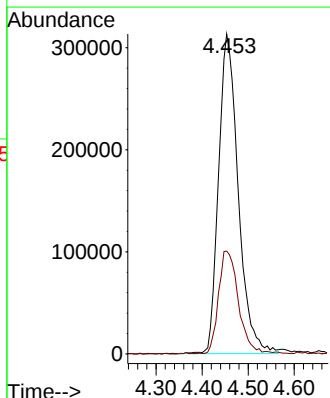
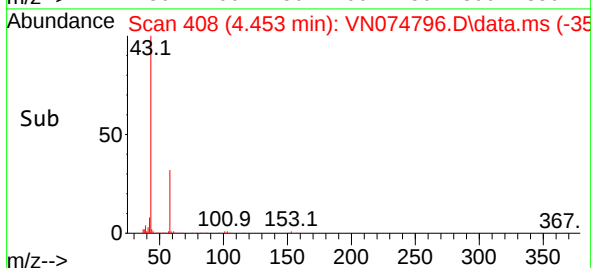
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

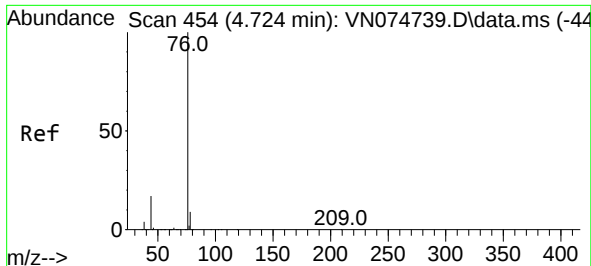


#16
Acetone
Concen: 236.984 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



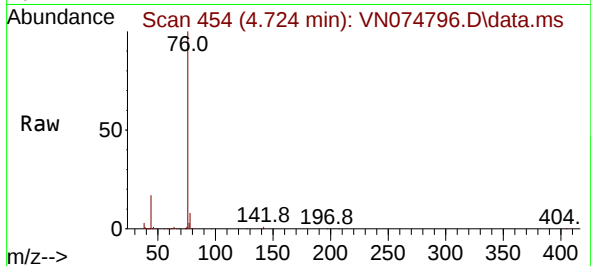
Tgt Ion: 43 Resp: 926086
Ion Ratio Lower Upper
43 100
58 32.1 24.9 37.3





#17
Carbon Disulfide
Concen: 43.294 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

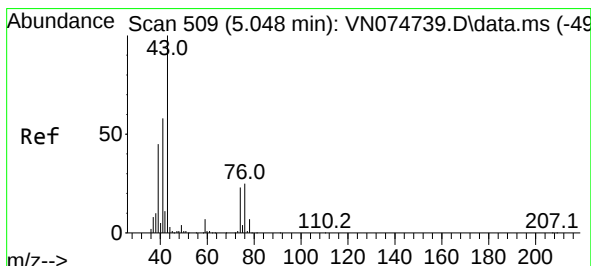
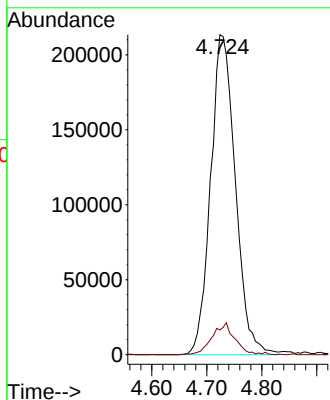
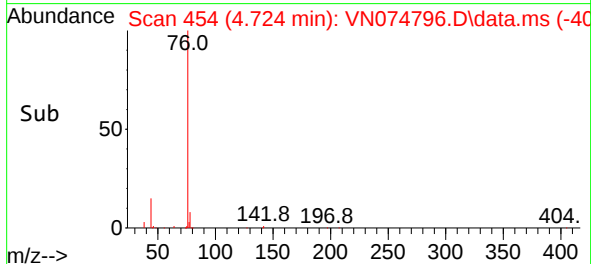
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 668250
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3

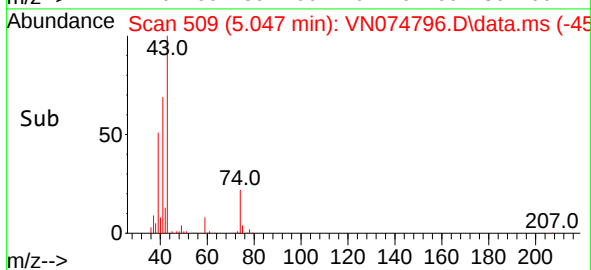
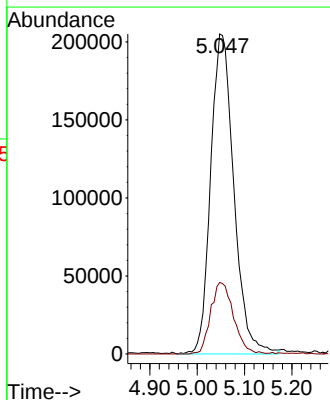
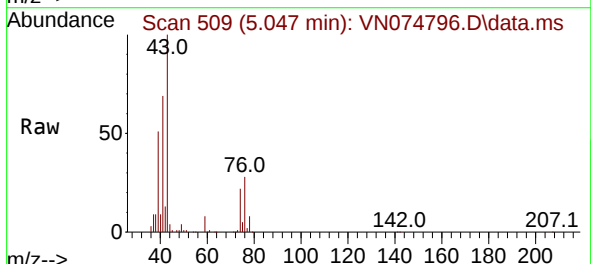
Manual Integrations
APPROVED

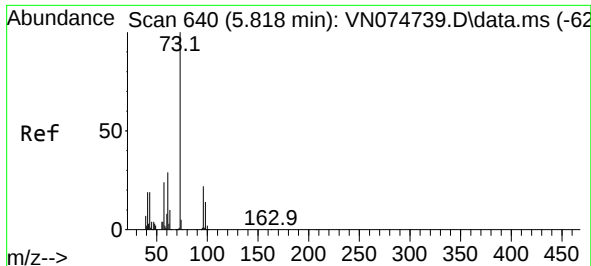
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#18
Methyl Acetate
Concen: 48.166 ug/l
RT: 5.047 min Scan# 509
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

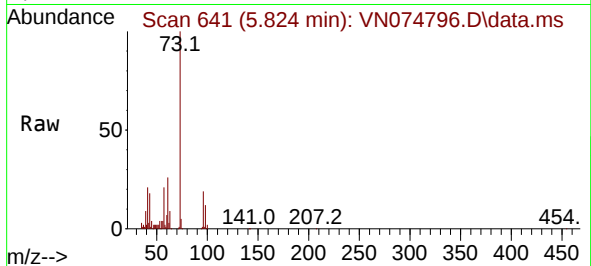
Tgt Ion: 43 Resp: 696865
Ion Ratio Lower Upper
43 100
74 22.0 18.5 27.7





#19
Methyl tert-butyl Ether
Concen: 48.099 ug/l
RT: 5.824 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

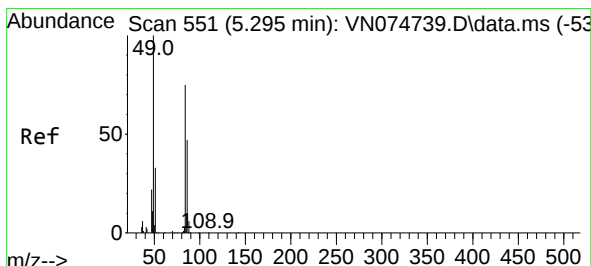
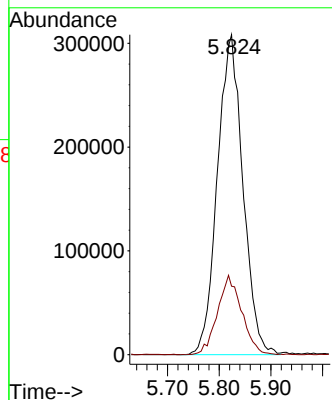
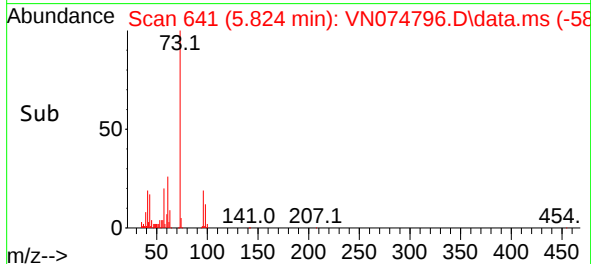
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



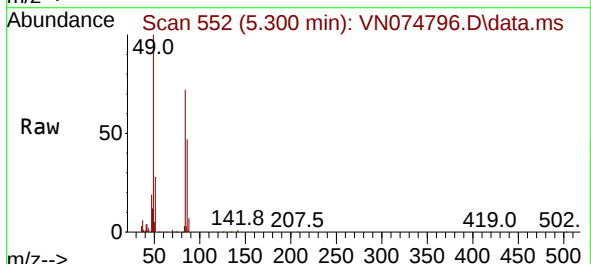
Tgt Ion: 73 Resp: 105693
Ion Ratio Lower Upper
73 100
57 21.4 19.0 28.4

Manual Integrations
APPROVED

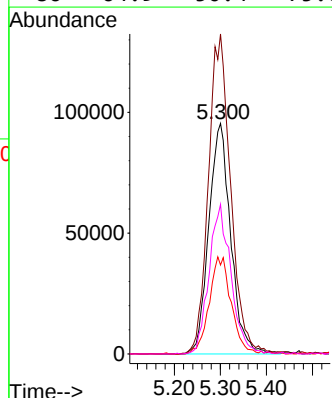
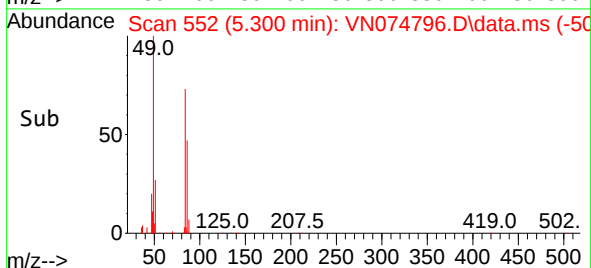
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

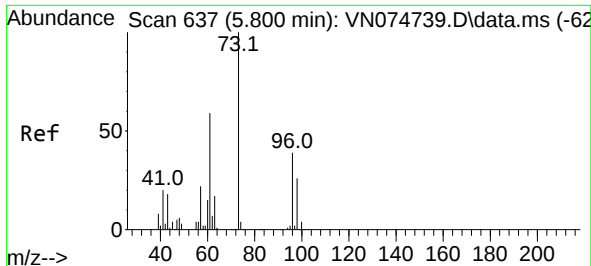


#20
Methylene Chloride
Concen: 50.754 ug/l
RT: 5.300 min Scan# 552
Delta R.T. 0.005 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



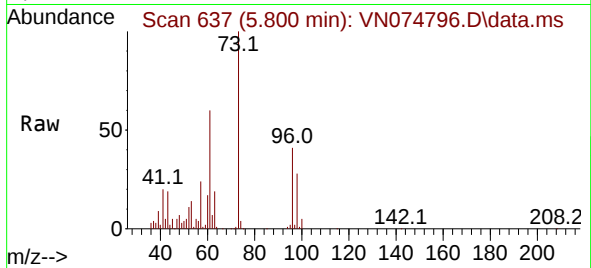
Tgt Ion: 84 Resp: 315356
Ion Ratio Lower Upper
84 100
49 138.8 107.4 161.0
51 38.6 35.1 52.7
86 64.9 50.4 75.6





#21
trans-1,2-Dichloroethene
Concen: 45.276 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

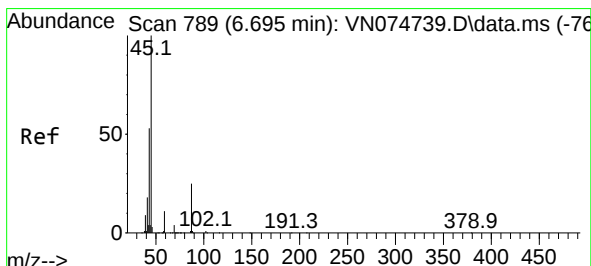
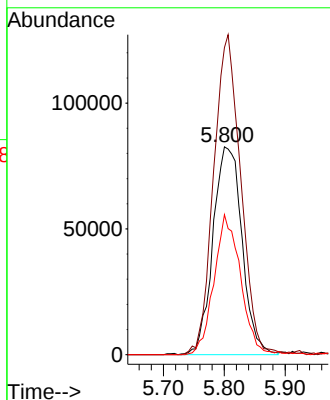
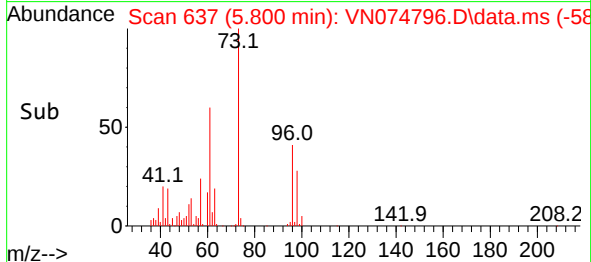
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



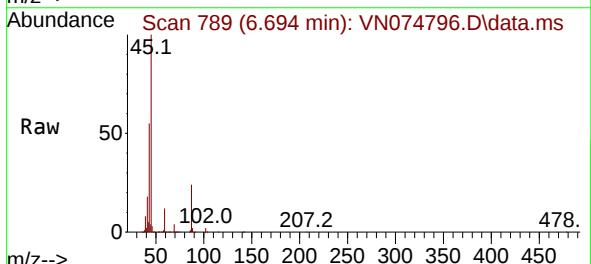
Tgt Ion: 96 Resp: 273548
Ion Ratio Lower Upper
96 100
61 147.8 121.5 182.3
98 67.4 53.8 80.8

Manual Integrations
APPROVED

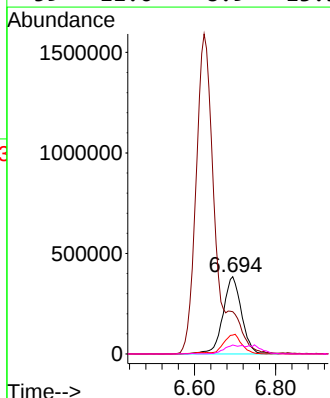
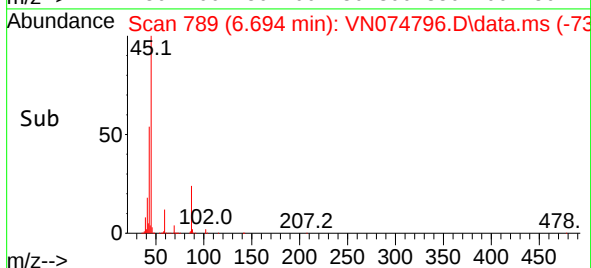
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

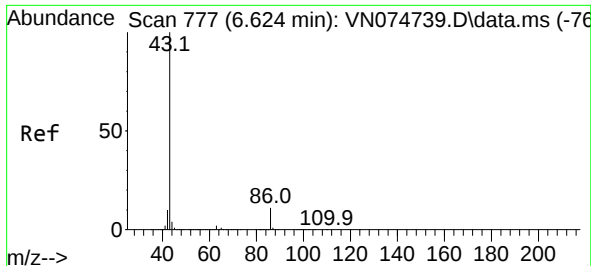


#22
Diisopropyl ether
Concen: 49.479 ug/l
RT: 6.694 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



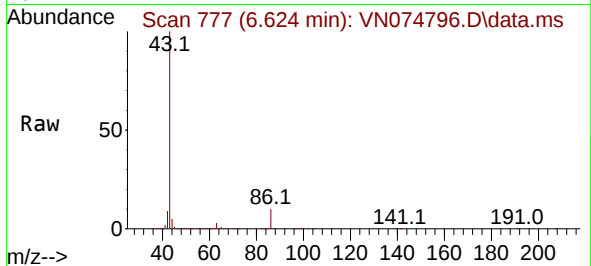
Tgt Ion: 45 Resp: 1219932
Ion Ratio Lower Upper
45 100
43 53.8 42.7 64.1
87 24.1 19.6 29.4
59 11.6 8.9 13.3





#23
 Vinyl Acetate
 Concen: 259.148 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN074796.D
 Acq: 06 Oct 2022 20:17

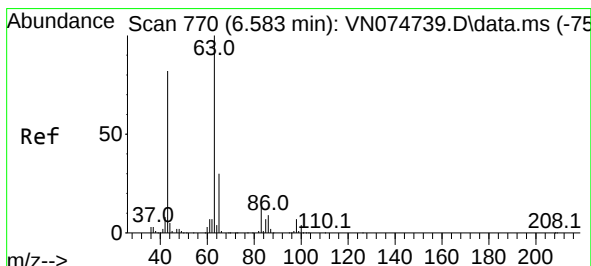
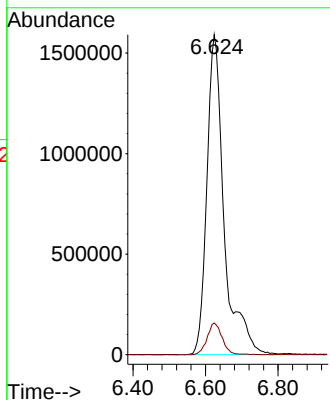
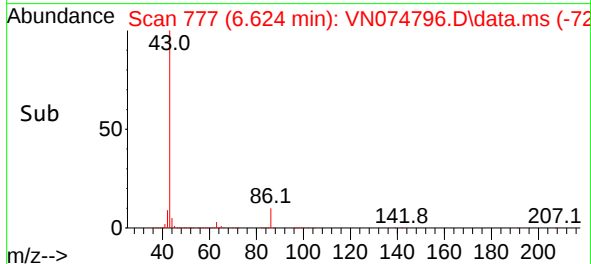
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



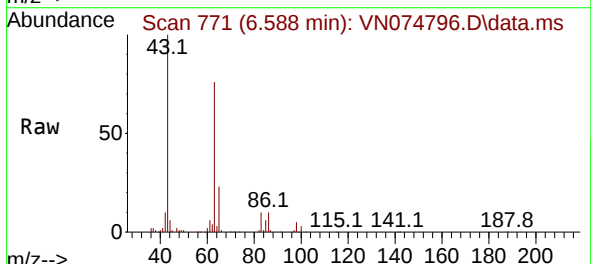
Tgt Ion: 43 Resp: 524843
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.4 12.6

Manual Integrations
 APPROVED

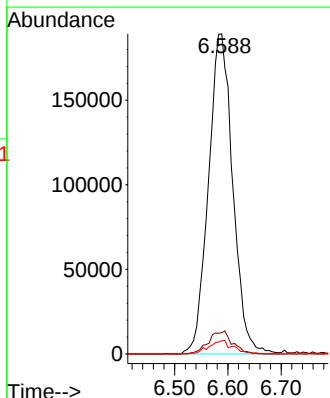
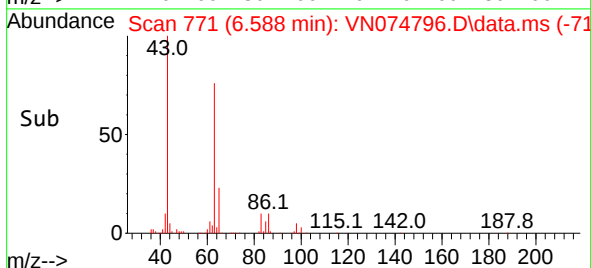
Reviewed By :John Carlone 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

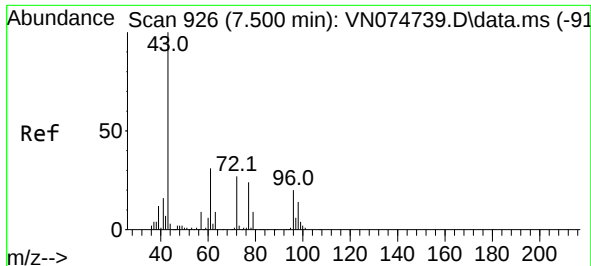


#24
 1,1-Dichloroethane
 Concen: 47.307 ug/l
 RT: 6.588 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VN074796.D
 Acq: 06 Oct 2022 20:17



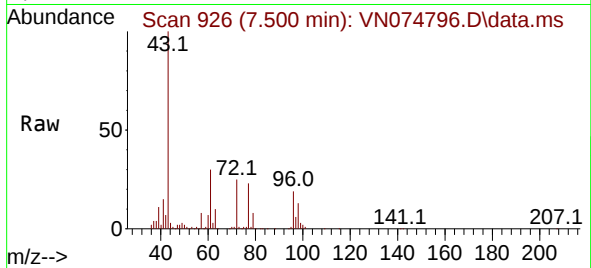
Tgt Ion: 63 Resp: 601353
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.1 1.8 5.5





#25
2-Butanone
Concen: 241.909 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

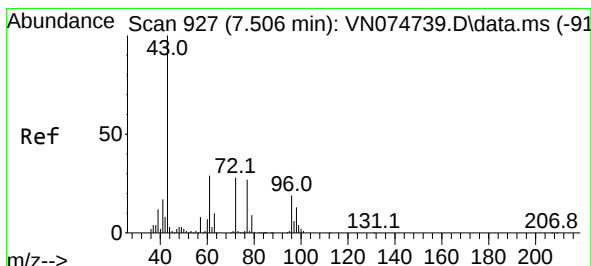
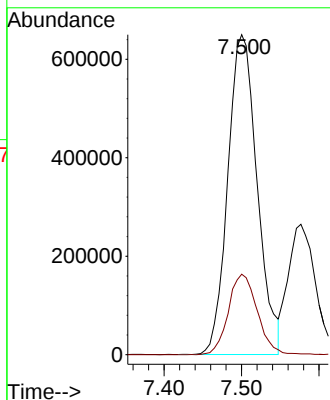
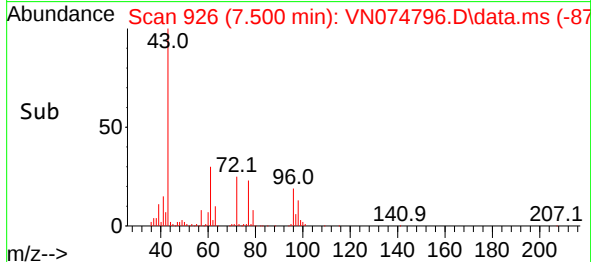
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



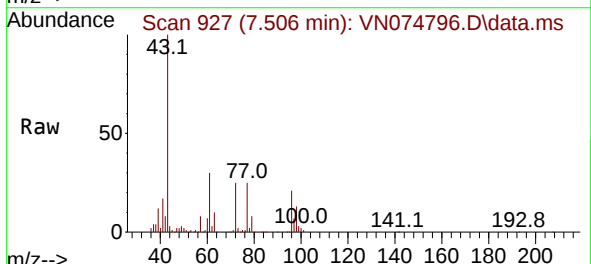
Tgt Ion: 43 Resp: 171564
Ion Ratio Lower Upper
43 100
72 25.2 21.4 32.0

Manual Integrations
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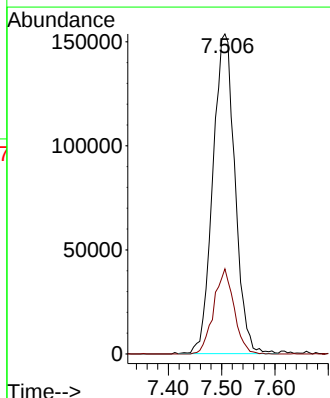
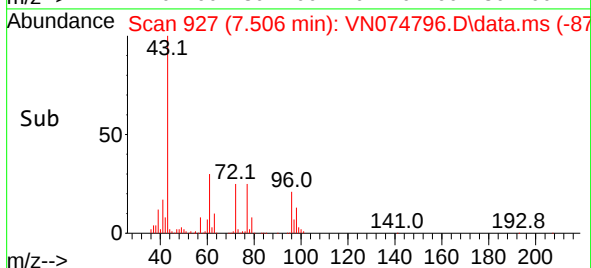
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

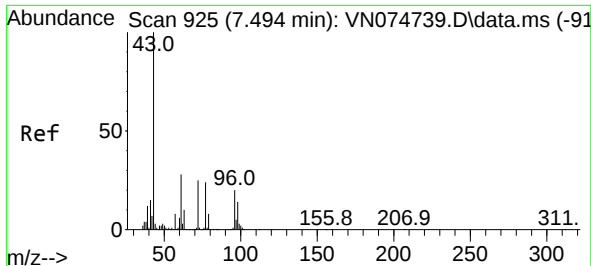


#26
2,2-Dichloropropane
Concen: 42.263 ug/l
RT: 7.506 min Scan# 927
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



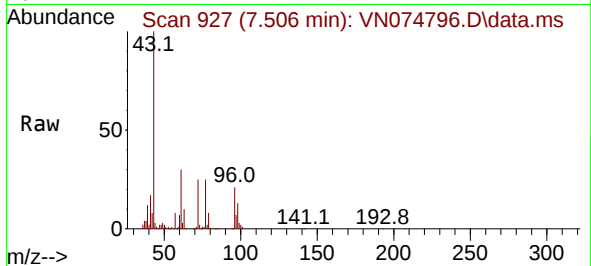
Tgt Ion: 77 Resp: 443102
Ion Ratio Lower Upper
77 100
97 24.4 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 47.962 ug/l
 RT: 7.506 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VN074796.D
 Acq: 06 Oct 2022 20:17

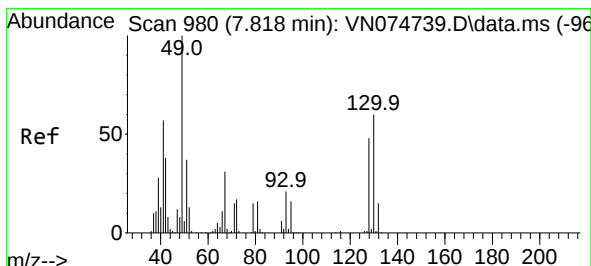
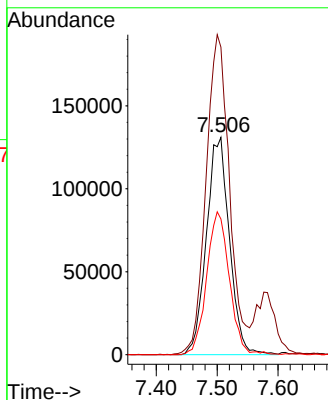
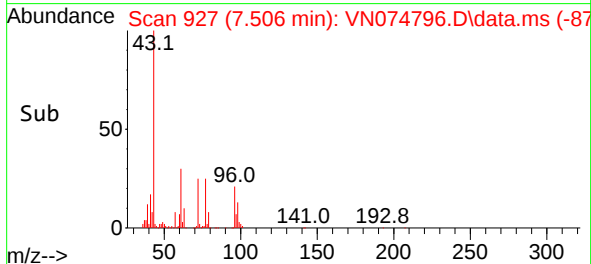
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 34496
 Ion Ratio Lower Upper
 96 100
 61 149.3 0.0 303.2
 98 64.9 0.0 131.0

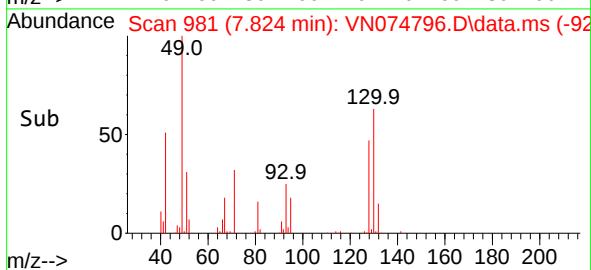
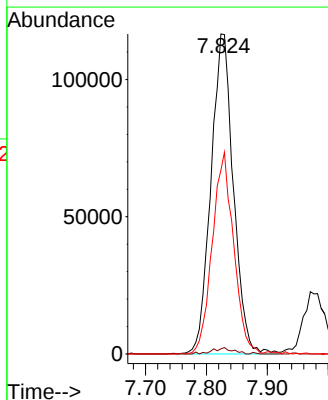
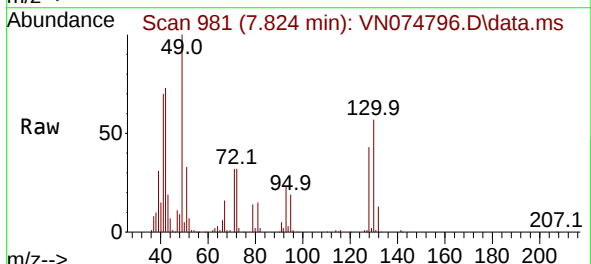
Manual Integrations
 APPROVED

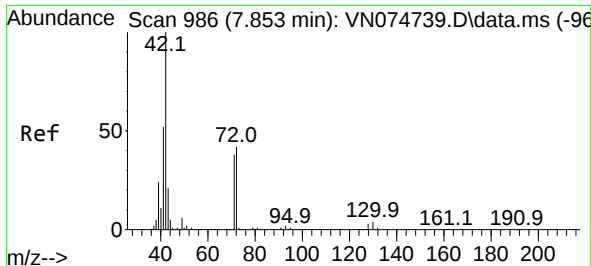
Reviewed By :John Carlone 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#28
 Bromochloromethane
 Concen: 52.058 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN074796.D
 Acq: 06 Oct 2022 20:17

Tgt Ion: 49 Resp: 298575
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 59.9 49.0 73.4





#29

Tetrahydrofuran

Concen: 240.316 ug/l

RT: 7.853 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074796.D

Acq: 06 Oct 2022 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 1187852

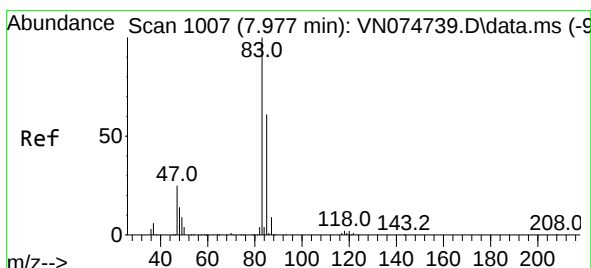
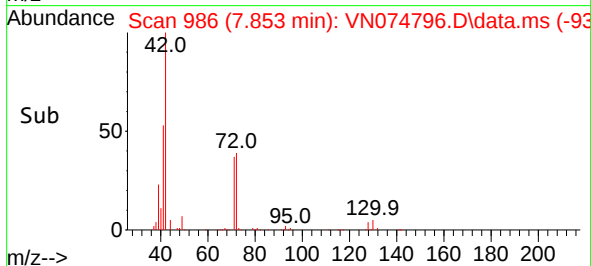
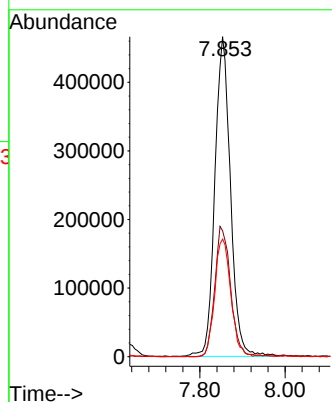
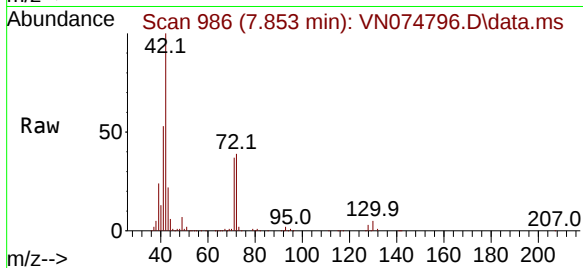
Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.0	49.6
71	38.0	30.4	45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#30

Chloroform

Concen: 50.198 ug/l

RT: 7.977 min Scan# 1007

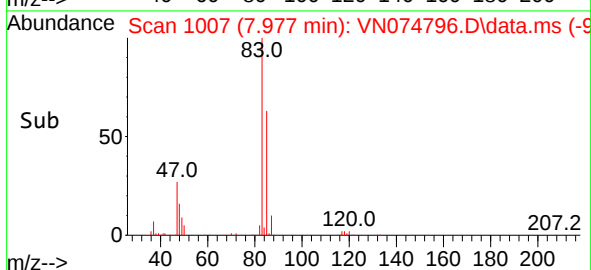
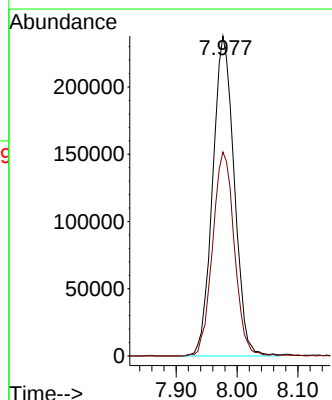
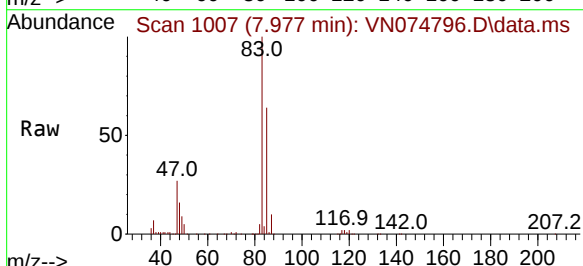
Delta R.T. -0.000 min

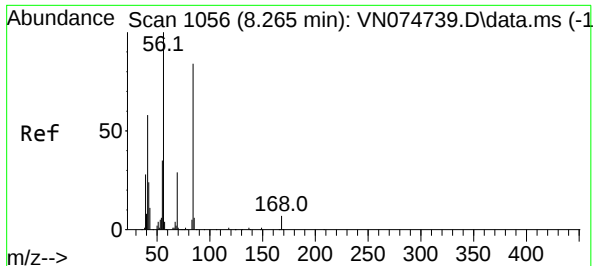
Lab File: VN074796.D

Acq: 06 Oct 2022 20:17

Tgt Ion: 83 Resp: 584456

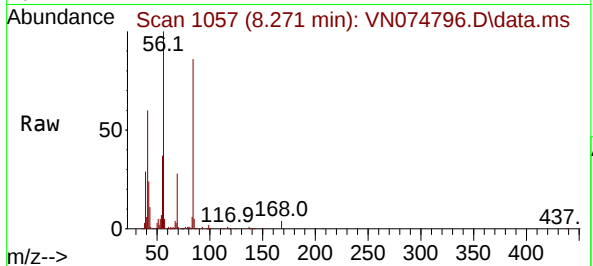
Ion	Ratio	Lower	Upper
83	100		
85	63.7	49.0	73.4





#31
Cyclohexane
Concen: 45.790 ug/l
RT: 8.271 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

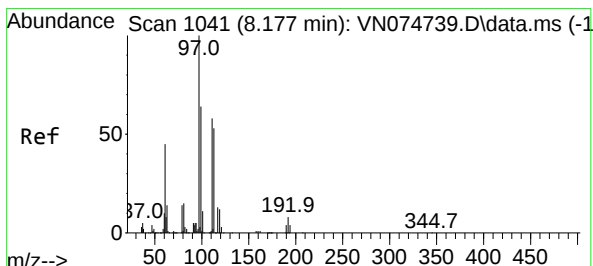
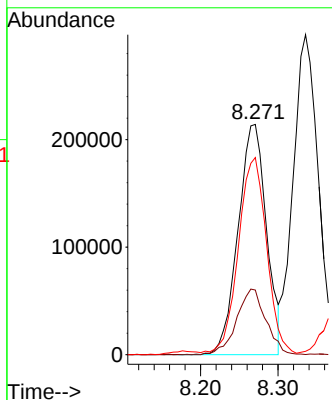
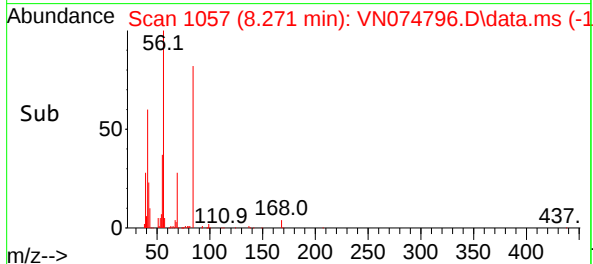
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



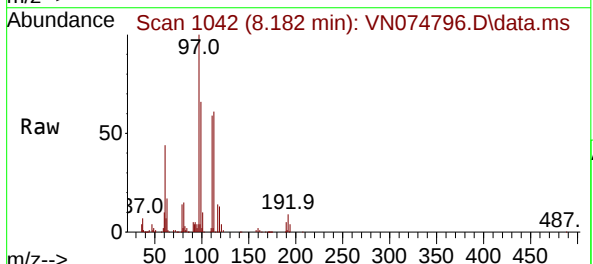
Tgt Ion: 56 Resp: 545740
Ion Ratio Lower Upper
56 100
69 28.0 23.1 34.7
84 84.4 67.1 100.7

Manual Integrations
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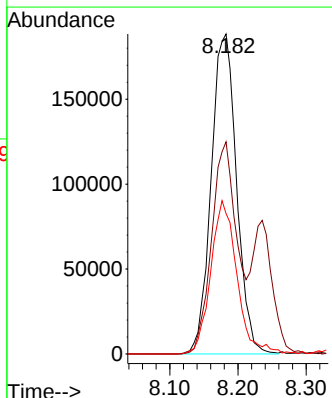
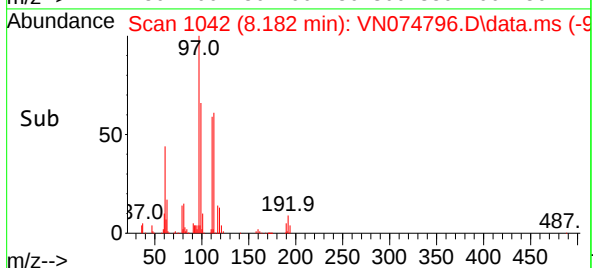
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

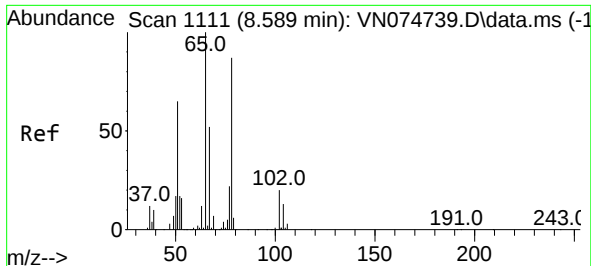


#32
1,1,1-Trichloroethane
Concen: 49.257 ug/l
RT: 8.182 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



Tgt Ion: 97 Resp: 488839
Ion Ratio Lower Upper
97 100
99 65.9 50.7 76.1
61 49.5 39.9 59.9





#33

1,2-Dichloroethane-d4

Concen: 53.448 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074796.D

Acq: 06 Oct 2022 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 368560

Ion Ratio Lower Upper

65 100

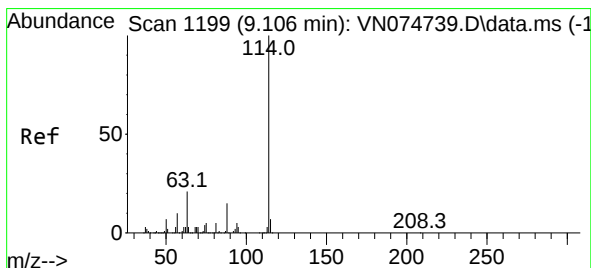
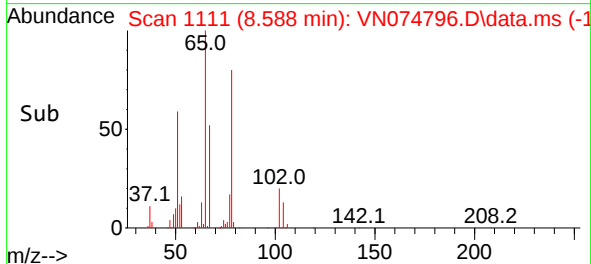
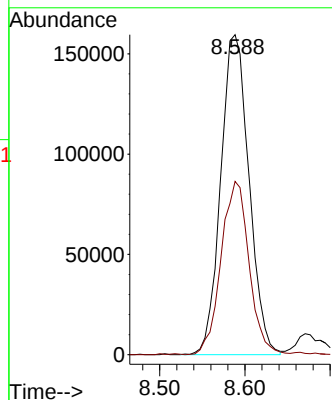
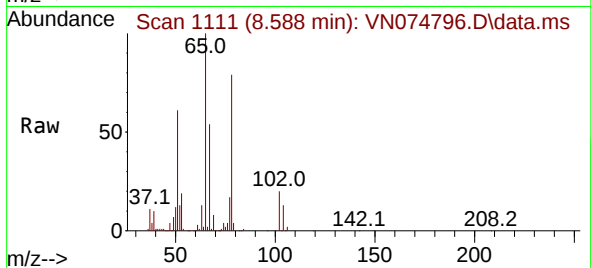
67 53.6 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074796.D

Acq: 06 Oct 2022 20:17

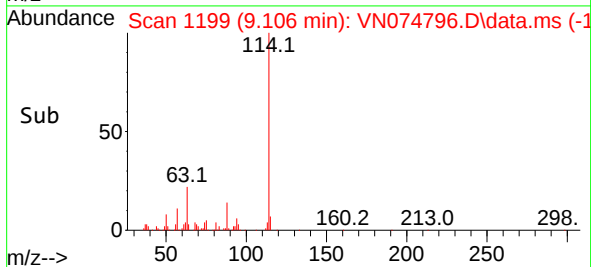
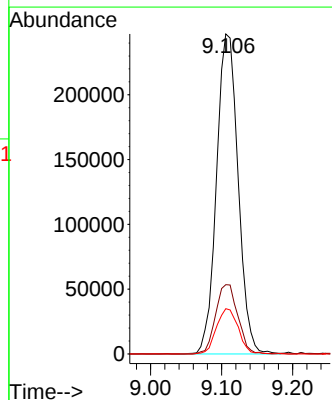
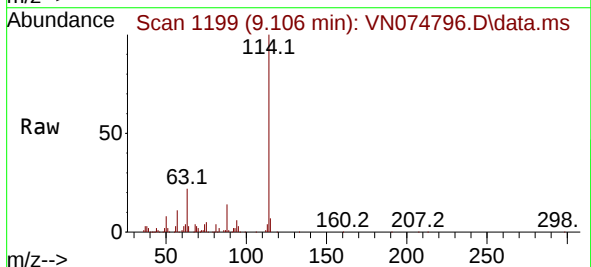
Tgt Ion:114 Resp: 521164

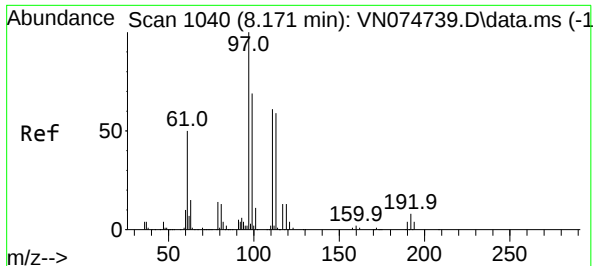
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.2

88 14.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.143 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN074796.D

Acq: 06 Oct 2022 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 279828

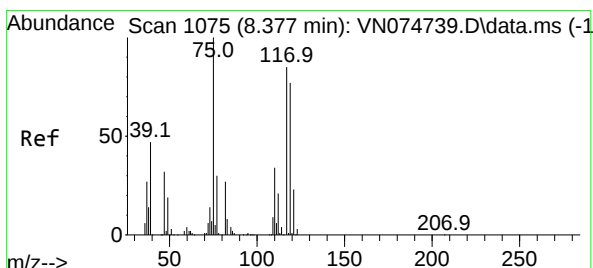
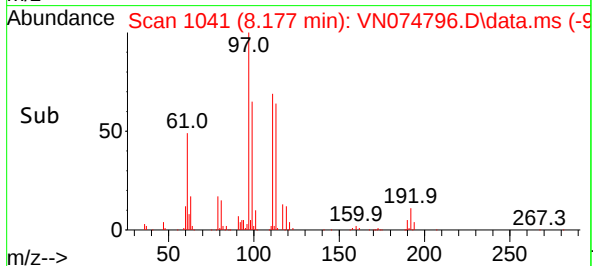
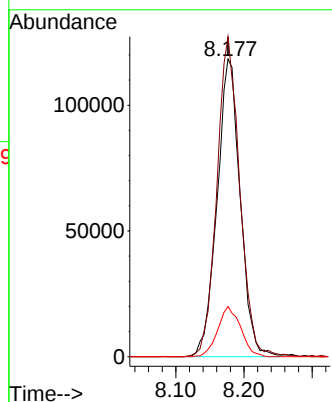
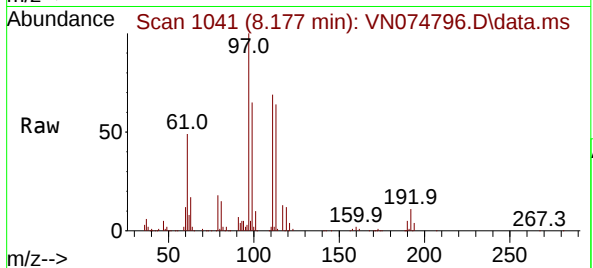
Ion	Ratio	Lower	Upper
113	100		
111	106.3	83.0	124.6
192	16.7	12.6	18.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#36

1,1-Dichloropropene

Concen: 51.080 ug/l

RT: 8.382 min Scan# 1076

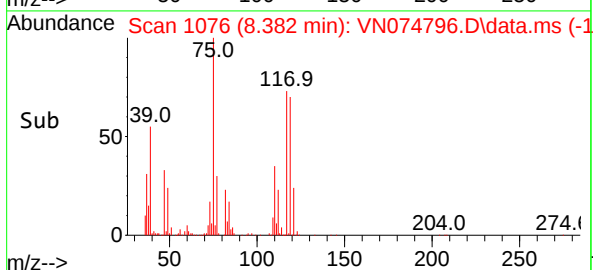
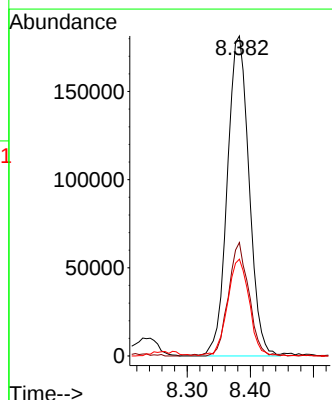
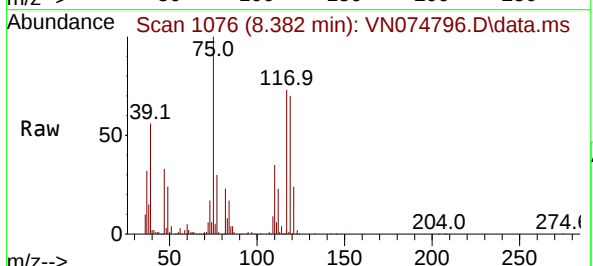
Delta R.T. 0.006 min

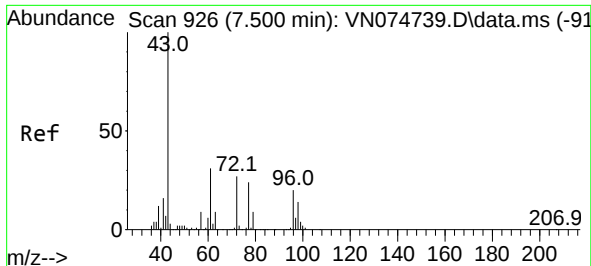
Lab File: VN074796.D

Acq: 06 Oct 2022 20:17

Tgt Ion: 75 Resp: 435349

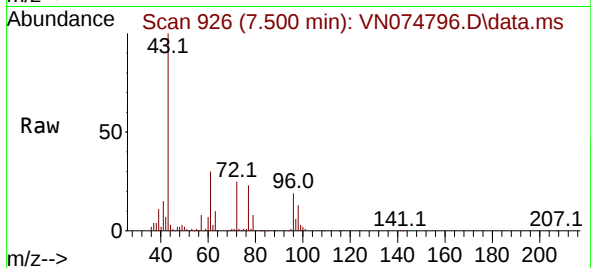
Ion	Ratio	Lower	Upper
75	100		
110	33.2	17.2	51.5
77	29.7	24.3	36.5





#37
Ethyl Acetate
Concen: 50.186 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

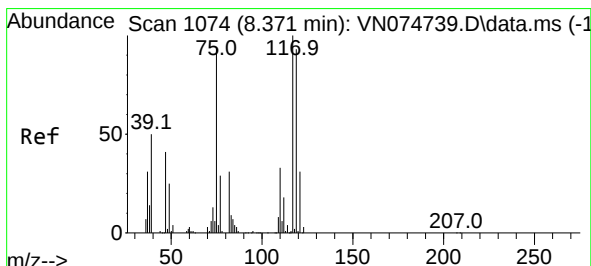
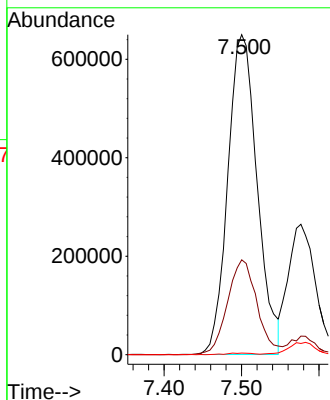
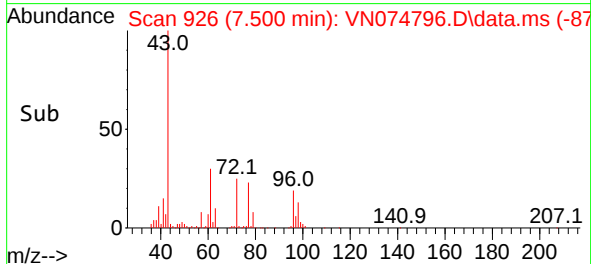
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 171564
Ion Ratio Lower Upper
43 100
61 30.0 4.3 6.5
70 0.5 3.0 4.4

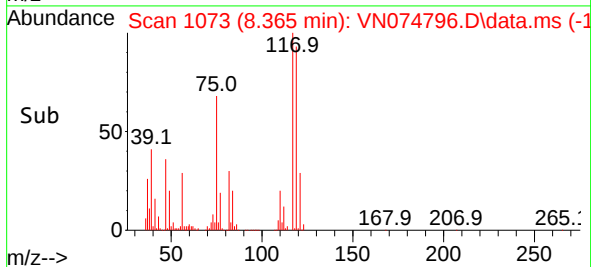
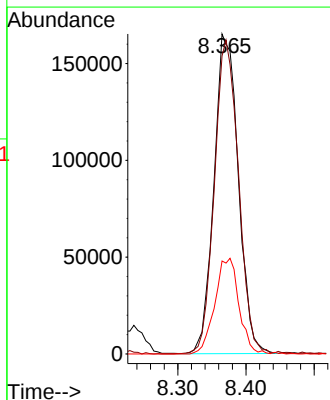
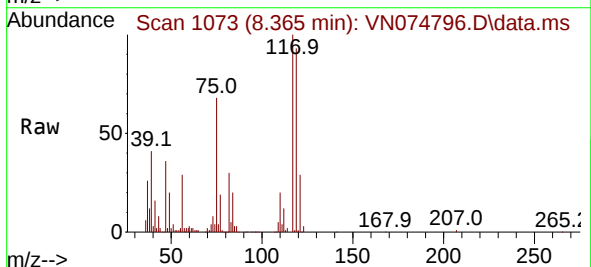
Manual Integrations
APPROVED

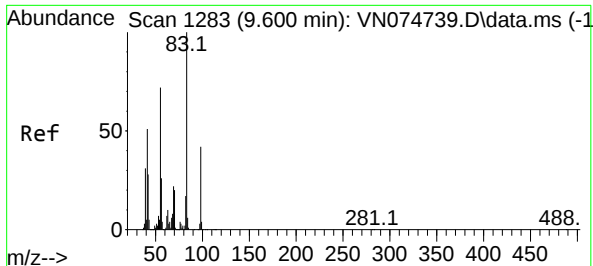
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#38
Carbon Tetrachloride
Concen: 51.036 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

Tgt Ion:117 Resp: 410198
Ion Ratio Lower Upper
117 100
119 93.2 74.3 111.5
121 29.1 25.0 37.4





#39

Methylcyclohexane

Concen: 48.442 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN074796.D

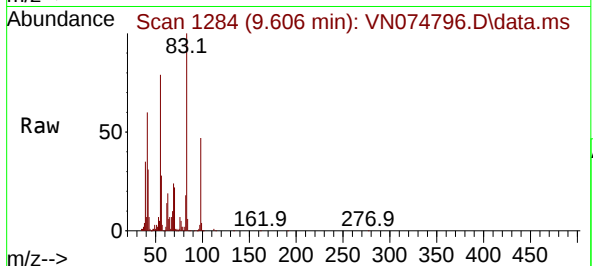
Acq: 06 Oct 2022 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



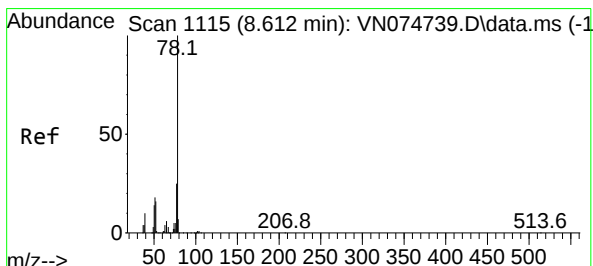
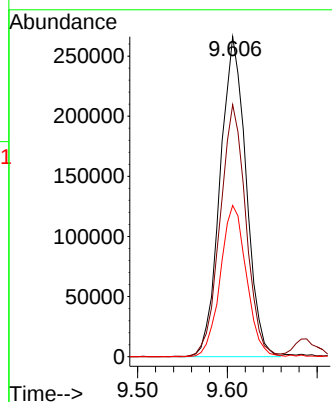
Tgt Ion:	83	Resp:	534850
Ion	Ratio	Lower	Upper
83	100		
55	78.5	57.3	85.9
98	47.2	33.4	50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#40

Benzene

Concen: 50.800 ug/l

RT: 8.612 min Scan# 1115

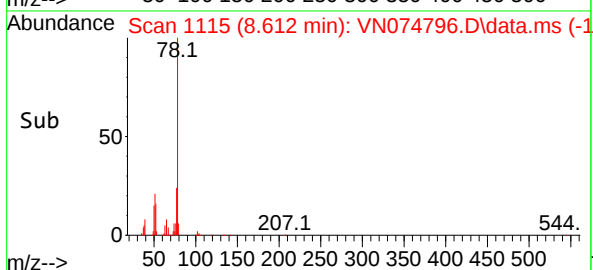
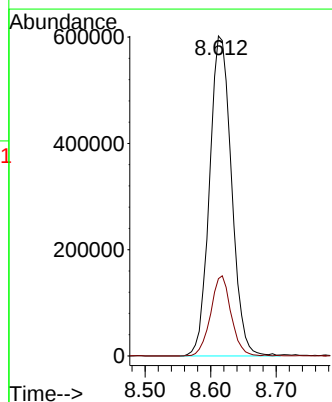
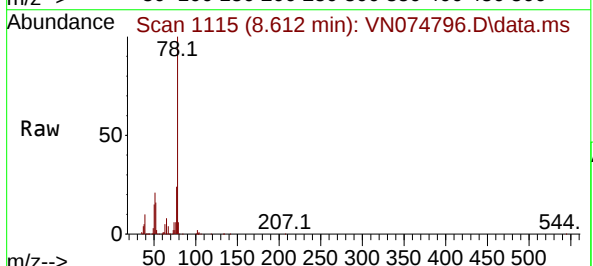
Delta R.T. -0.000 min

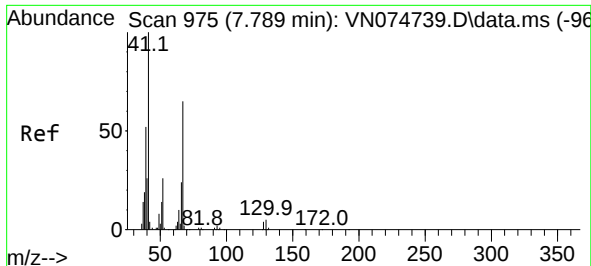
Lab File: VN074796.D

Acq: 06 Oct 2022 20:17

Tgt Ion: 78 Resp: 1401633

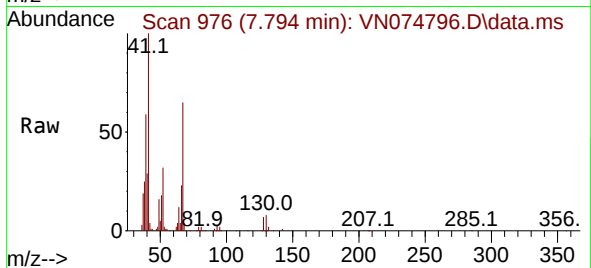
Ion	Ratio	Lower	Upper
78	100		
77	24.1	20.1	30.1





#41
Methacrylonitrile
Concen: 51.184 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

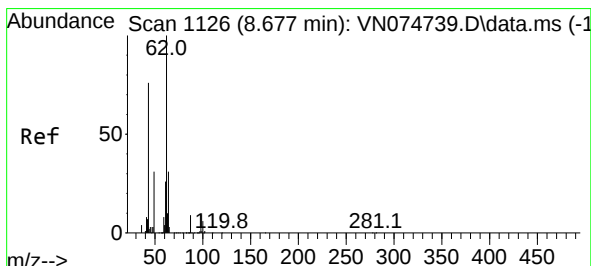
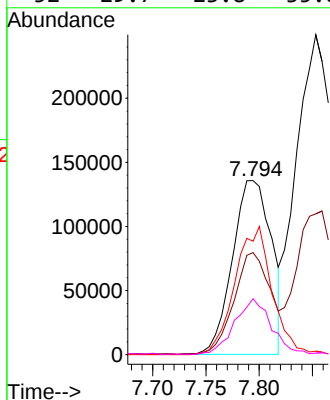
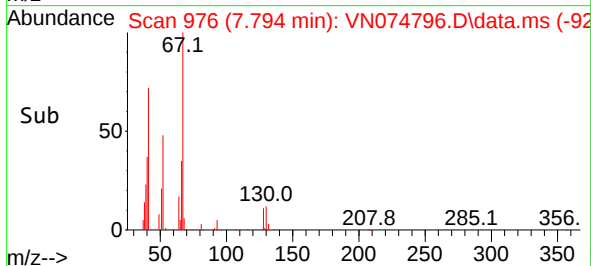
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 344708
Ion Ratio Lower Upper
41 100
39 54.3 43.3 64.9
67 70.9 60.2 90.2
52 29.7 23.8 35.8

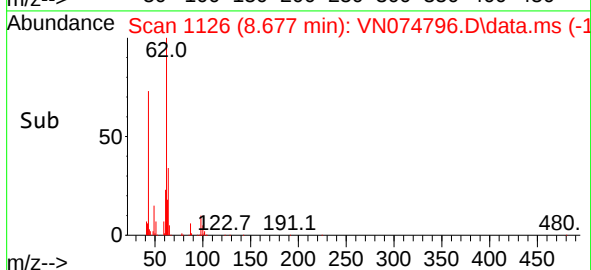
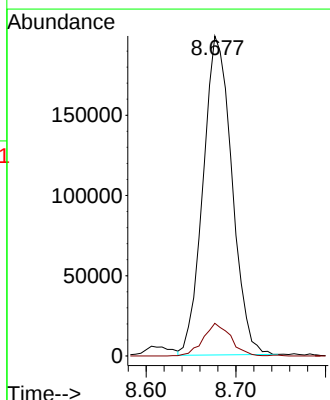
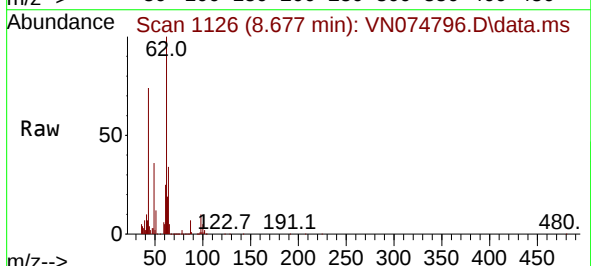
Manual Integrations
APPROVED

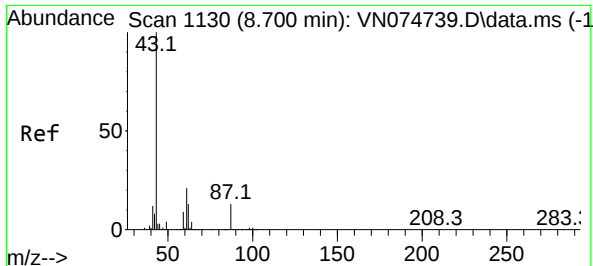
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#42
1,2-Dichloroethane
Concen: 51.172 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

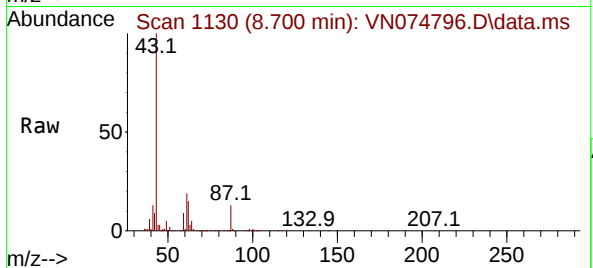
Tgt Ion: 62 Resp: 443188
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 51.665 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

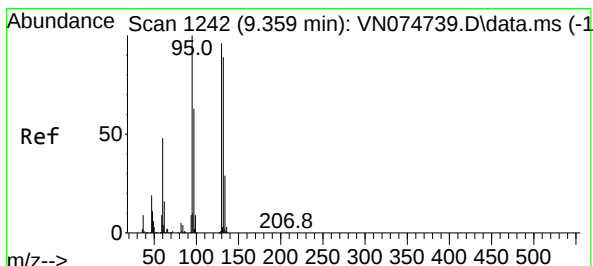
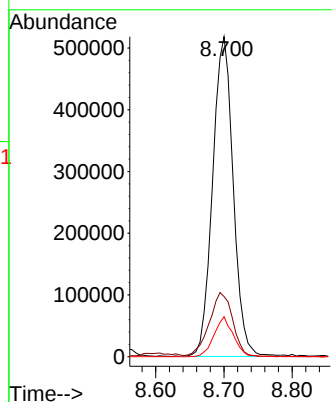
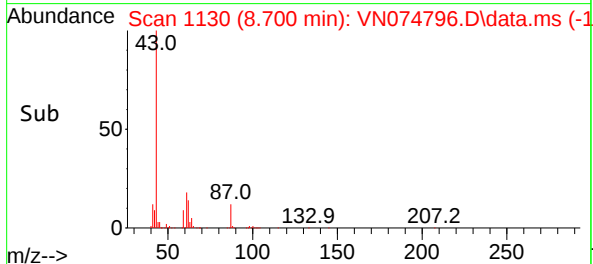
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 109148
Ion Ratio Lower Upper
43 100
61 22.6 19.4 29.0
87 11.7 10.1 15.1

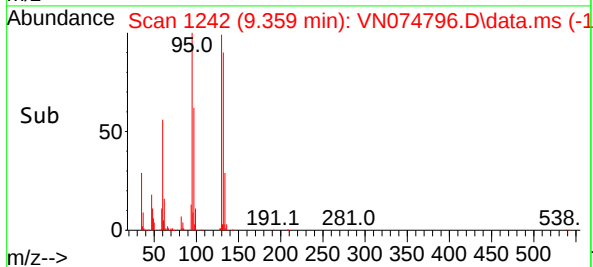
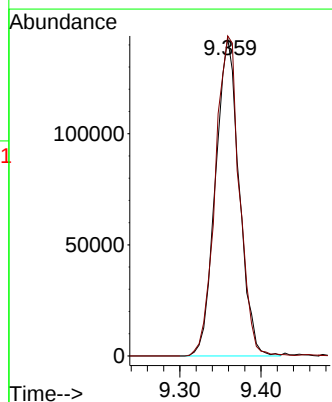
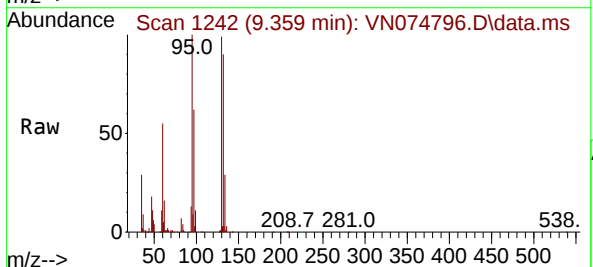
Manual Integrations
APPROVED

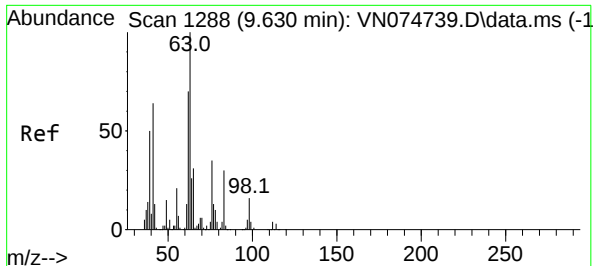
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#44
Trichloroethene
Concen: 50.467 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

Tgt Ion:130 Resp: 290009
Ion Ratio Lower Upper
130 100
95 100.8 0.0 207.6





#45

1,2-Dichloropropane

Concen: 49.707 ug/l

RT: 9.629 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN074796.D

Acq: 06 Oct 2022 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 37135

Ion Ratio Lower Upper

63 100

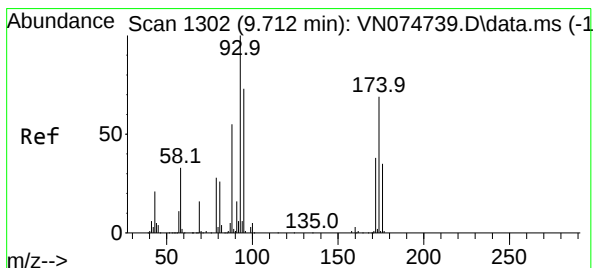
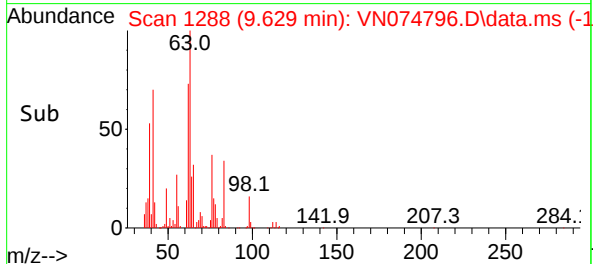
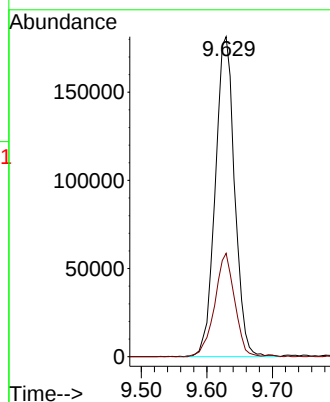
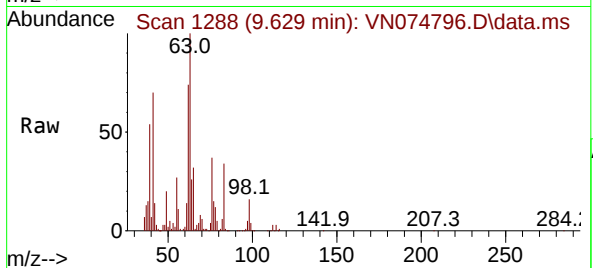
65 32.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#46

Dibromomethane

Concen: 52.830 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074796.D

Acq: 06 Oct 2022 20:17

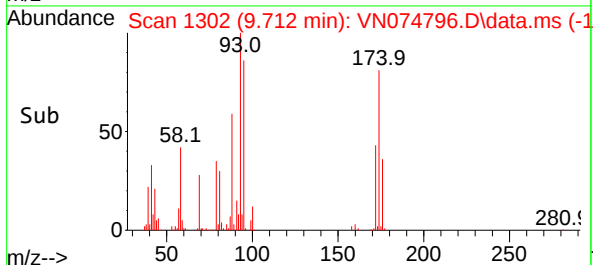
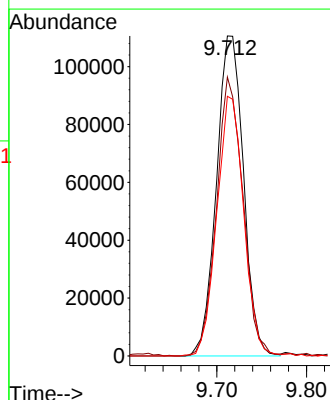
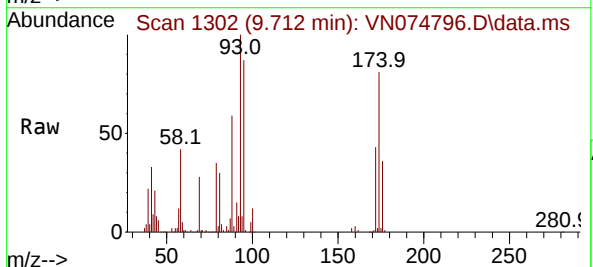
Tgt Ion: 93 Resp: 231596

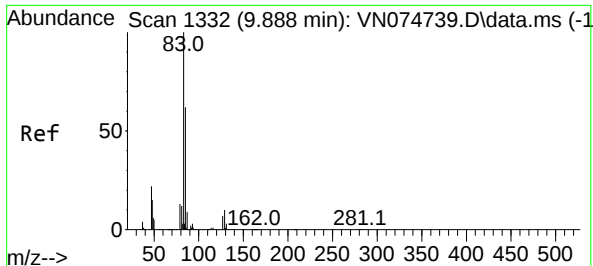
Ion Ratio Lower Upper

93 100

95 84.9 63.4 95.2

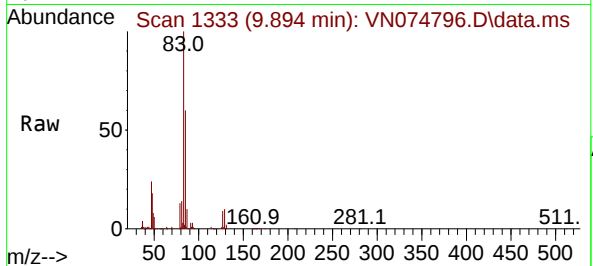
174 80.9 60.5 90.7





#47
Bromodichloromethane
Concen: 51.881 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

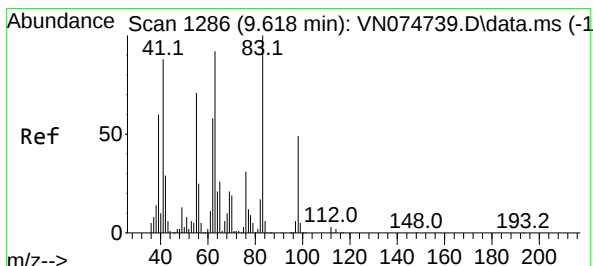
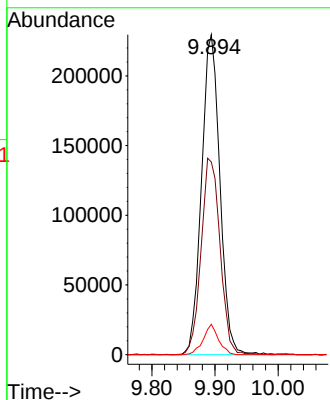
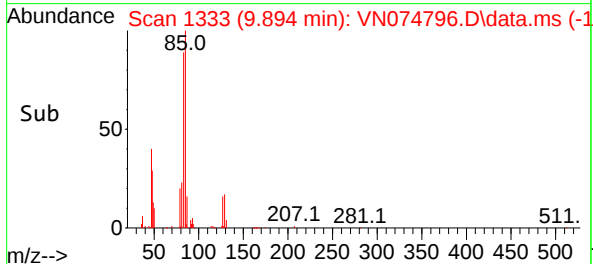
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



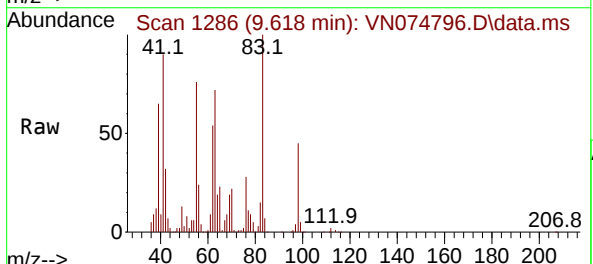
Tgt Ion: 83 Resp: 464672
Ion Ratio Lower Upper
83 100
85 60.1 49.7 74.5
127 9.5 5.8 8.8

Manual Integrations
APPROVED

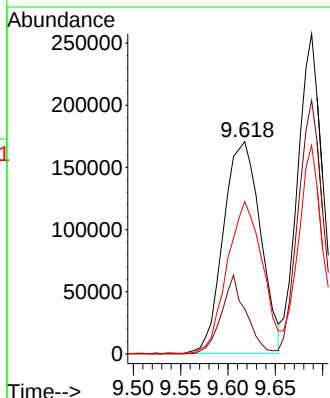
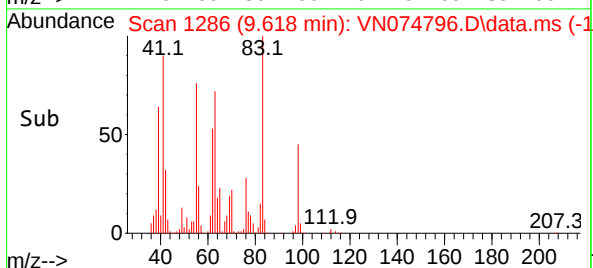
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

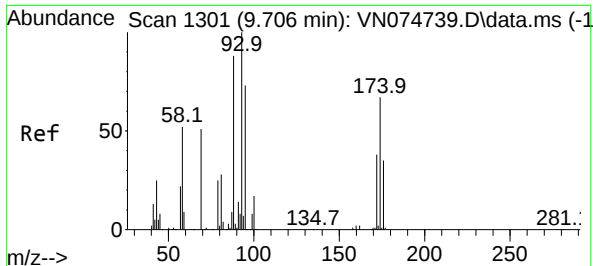


#48
Methyl methacrylate
Concen: 53.356 ug/l
RT: 9.618 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



Tgt Ion: 41 Resp: 462779
Ion Ratio Lower Upper
41 100
69 24.6 0.0 0.0#
39 68.5 54.4 81.6





#49

1,4-Dioxane

Concen: 949.108 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN074796.D

Acq: 06 Oct 2022 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 17841

Ion Ratio Lower Upper

88 100

43 29.1 23.4 35.2

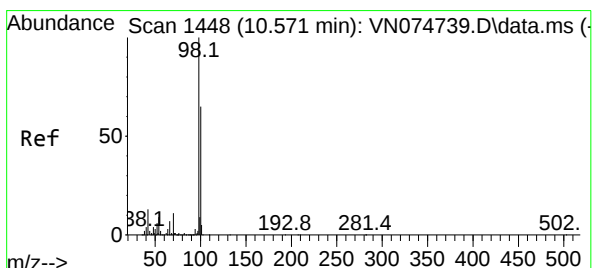
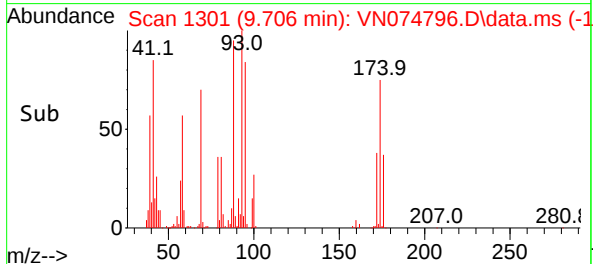
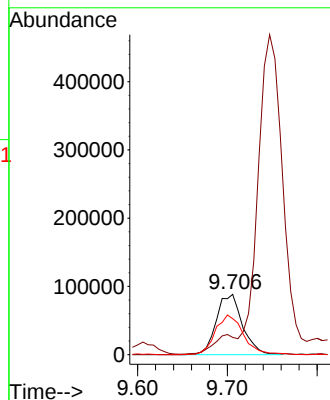
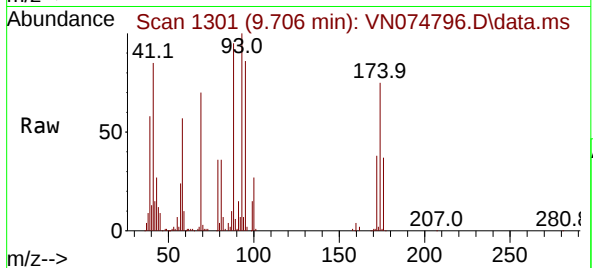
58 71.1 54.9 82.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#50

Toluene-d8

Concen: 53.822 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN074796.D

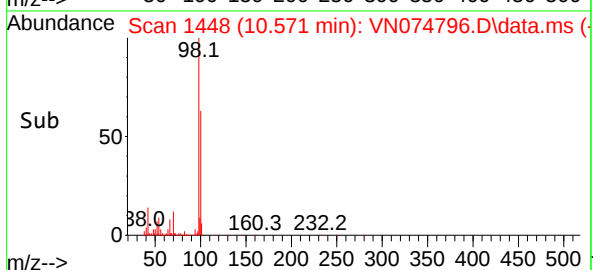
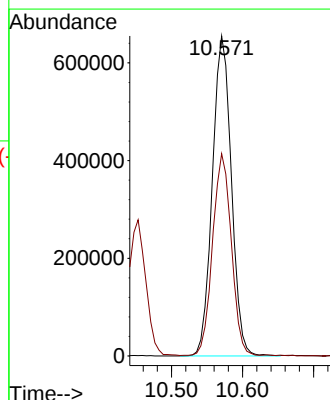
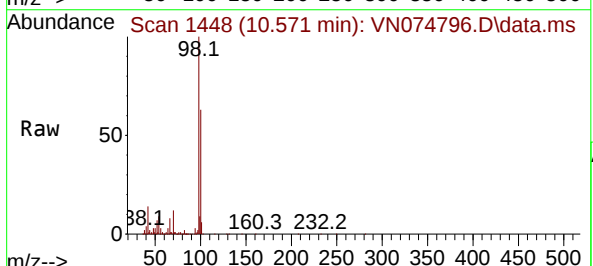
Acq: 06 Oct 2022 20:17

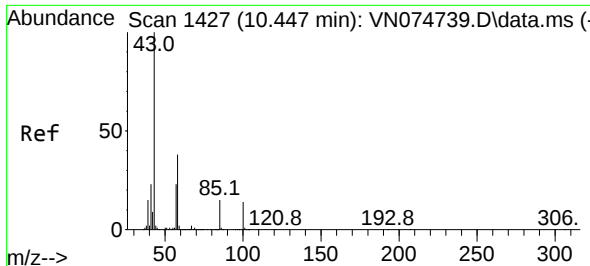
Tgt Ion: 98 Resp: 1216059

Ion Ratio Lower Upper

98 100

100 62.2 50.7 76.1





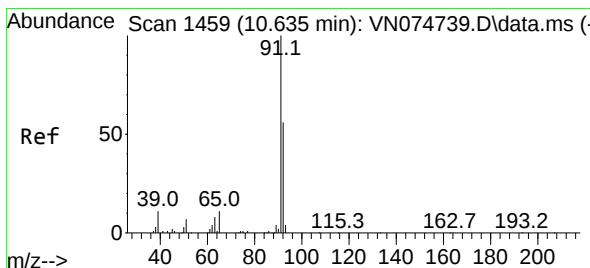
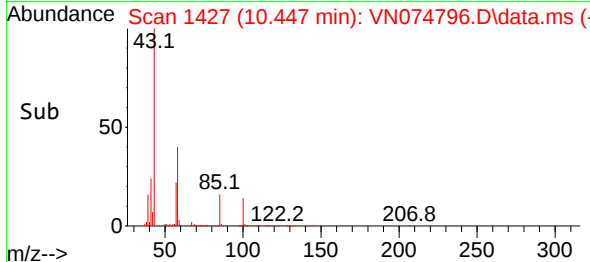
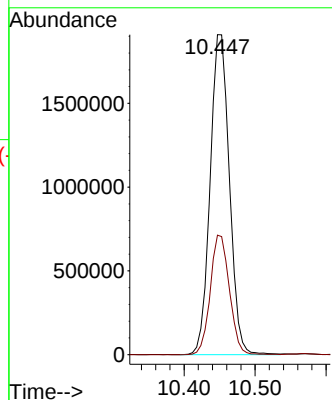
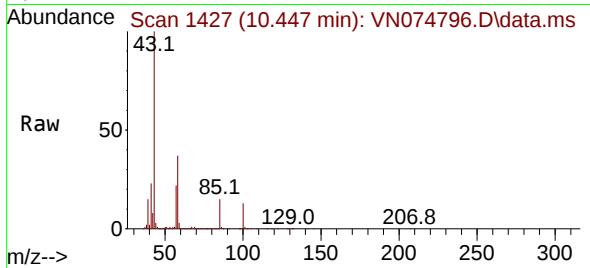
#51
4-Methyl-2-Pentanone
Concen: 264.176 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 359393
Ion Ratio Lower Upper
43 100
58 37.1 30.6 45.8

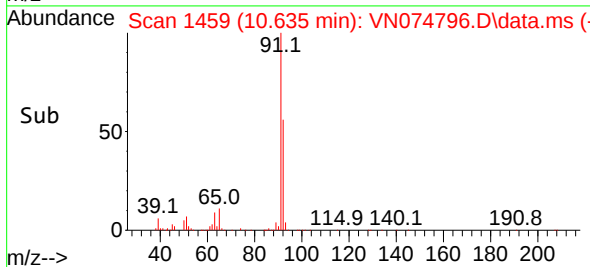
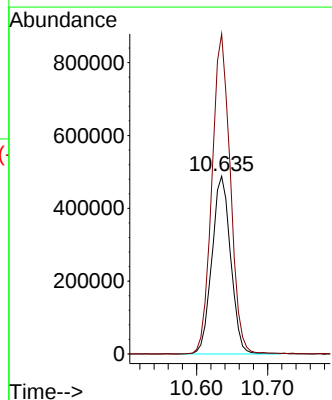
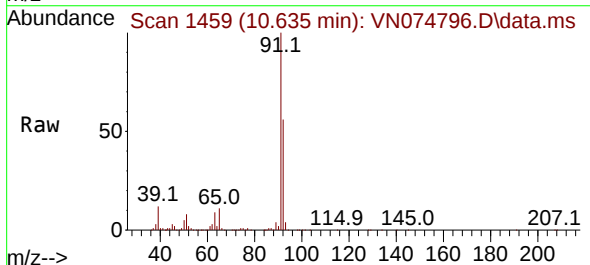
Manual Integrations
APPROVED

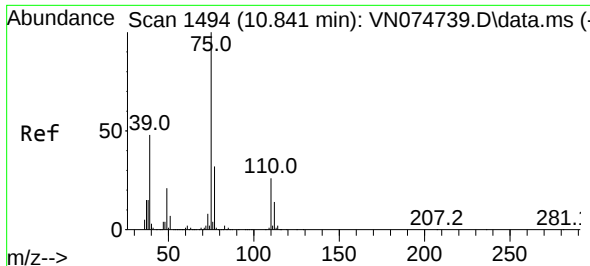
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#52
Toluene
Concen: 53.815 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

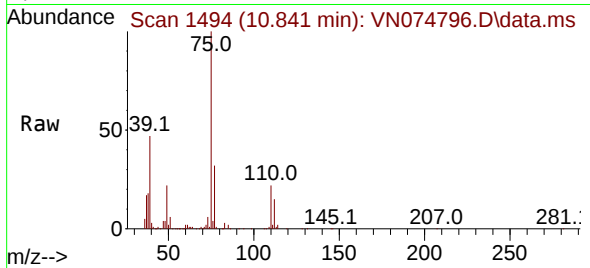
Tgt Ion: 92 Resp: 891986
Ion Ratio Lower Upper
92 100
91 176.8 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 52.688 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

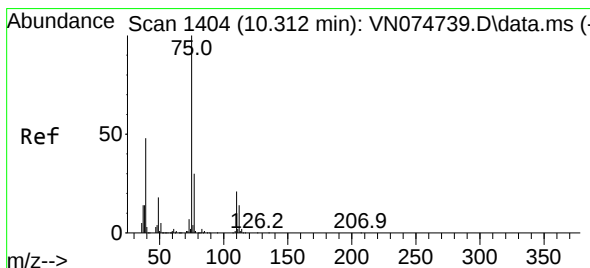
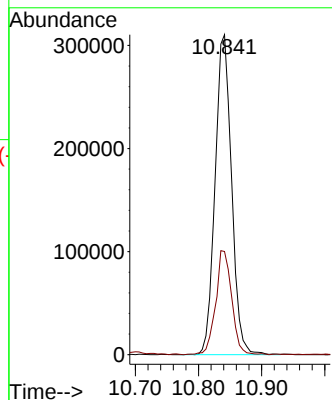
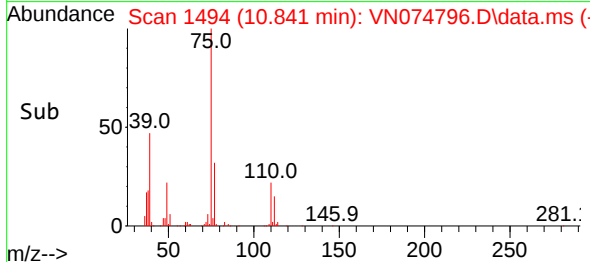
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 56227
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0

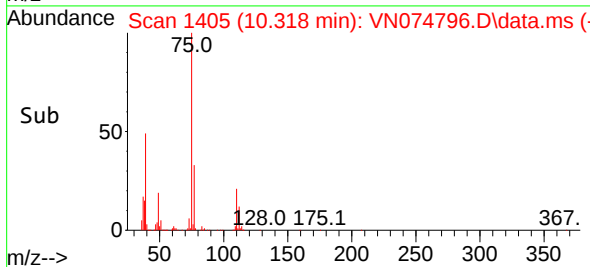
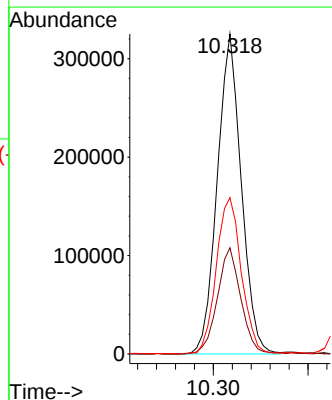
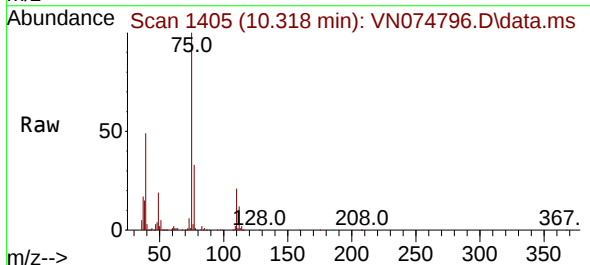
Manual Integrations
APPROVED

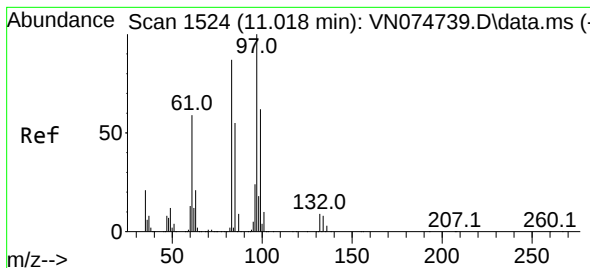
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#54
cis-1,3-Dichloropropene
Concen: 49.818 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

Tgt Ion: 75 Resp: 573978
Ion Ratio Lower Upper
75 100
77 33.2 24.4 36.6
39 48.8 38.6 57.8





#55

1,1,2-Trichloroethane

Concen: 52.621 ug/l

RT: 11.023 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VN074796.D

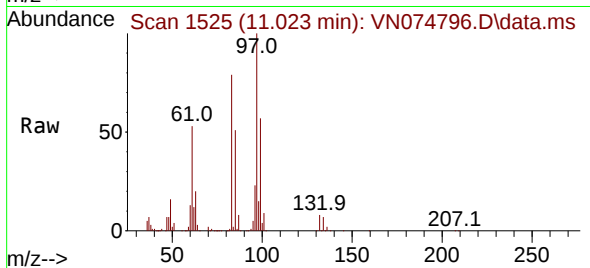
Acq: 06 Oct 2022 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 97 Resp: 350700

Ion Ratio Lower Upper

97 100

83 78.7 69.7 104.5

85 50.9 43.8 65.6

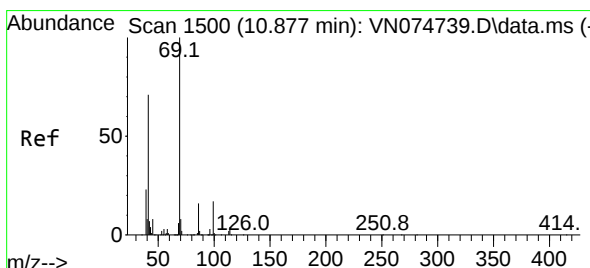
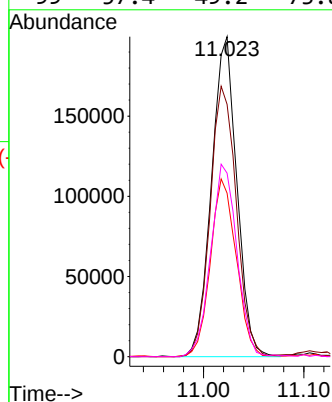
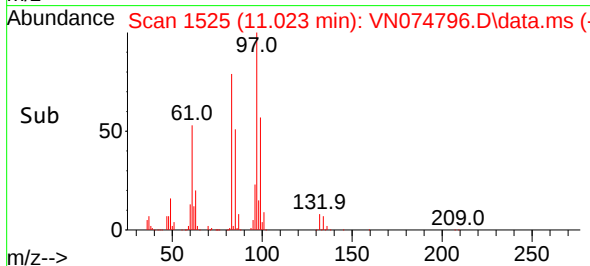
99 57.4 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#56

Ethyl methacrylate

Concen: 52.402 ug/l

RT: 10.876 min Scan# 1500

Delta R.T. -0.000 min

Lab File: VN074796.D

Acq: 06 Oct 2022 20:17

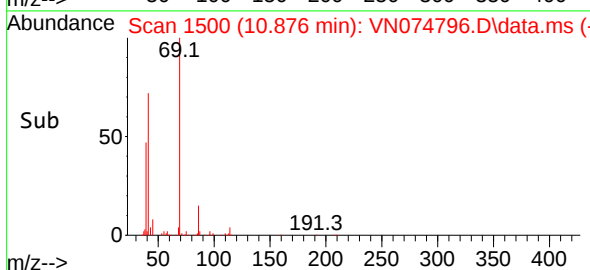
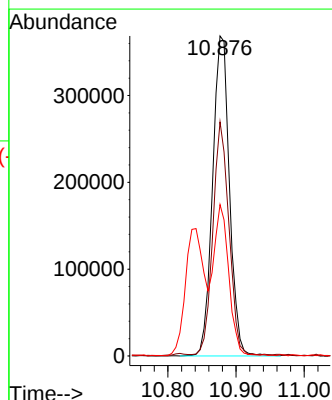
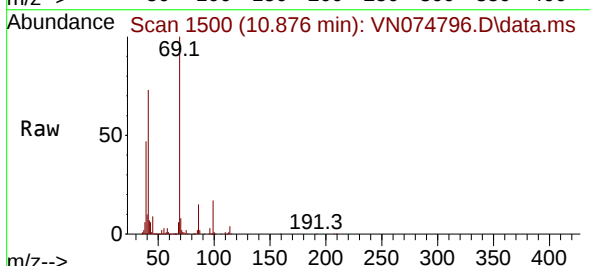
Tgt Ion: 69 Resp: 636073

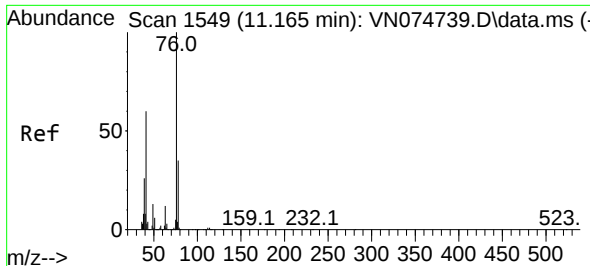
Ion Ratio Lower Upper

69 100

41 68.7 54.9 82.3

39 42.2 31.5 47.3





#57

1,3-Dichloropropane

Concen: 51.596 ug/l

RT: 11.171 min Scan# 1550

Delta R.T. 0.006 min

Lab File: VN074796.D

Acq: 06 Oct 2022 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 619770

Ion Ratio Lower Upper

76 100

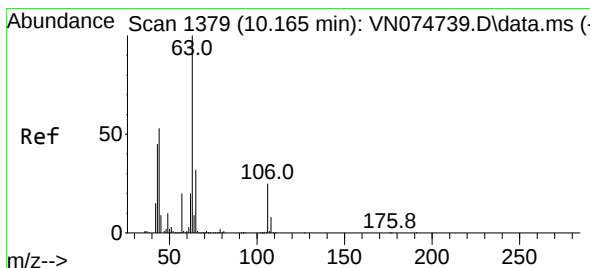
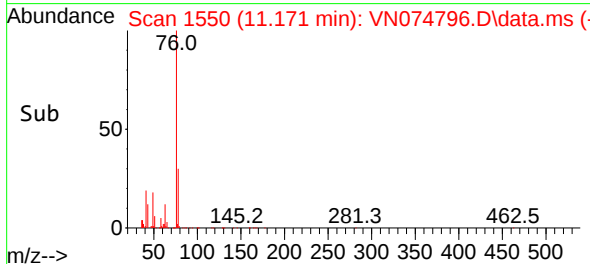
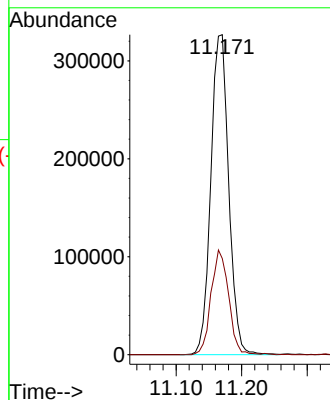
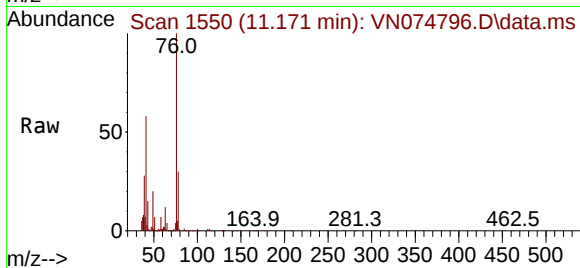
78 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 251.472 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074796.D

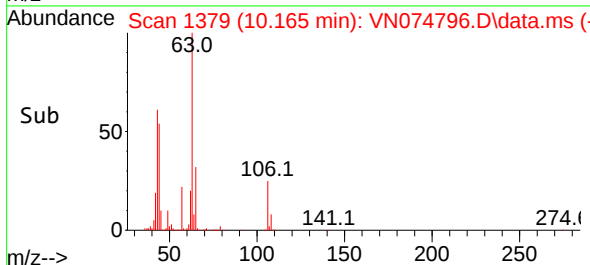
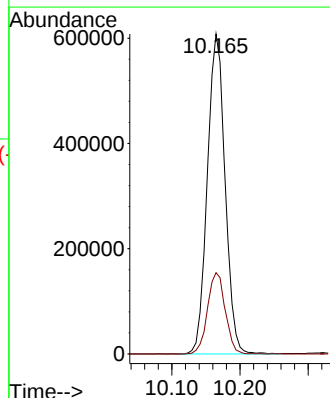
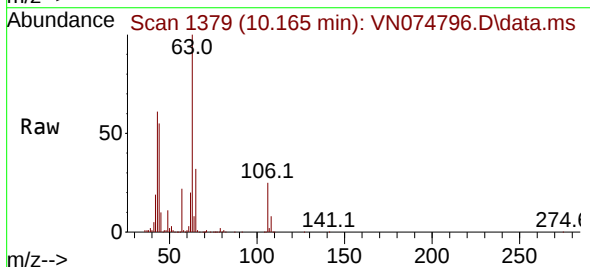
Acq: 06 Oct 2022 20:17

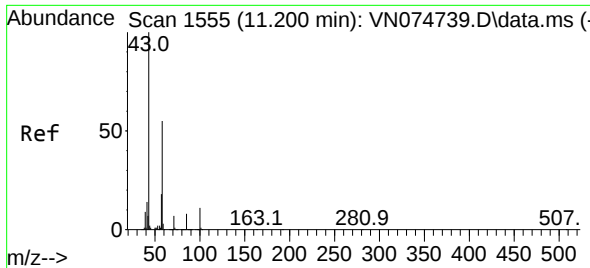
Tgt Ion: 63 Resp: 1100975

Ion Ratio Lower Upper

63 100

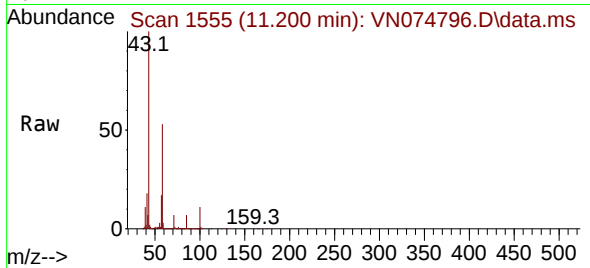
106 25.3 20.0 30.0





#59
2-Hexanone
Concen: 266.779 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

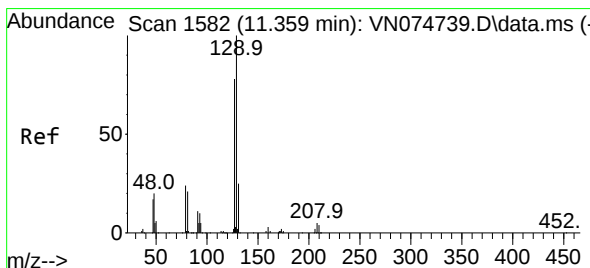
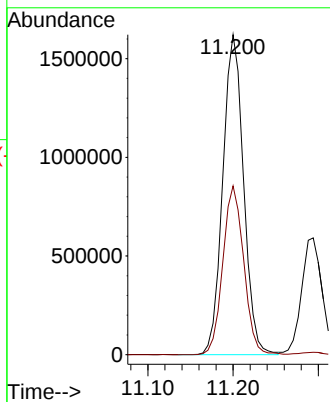
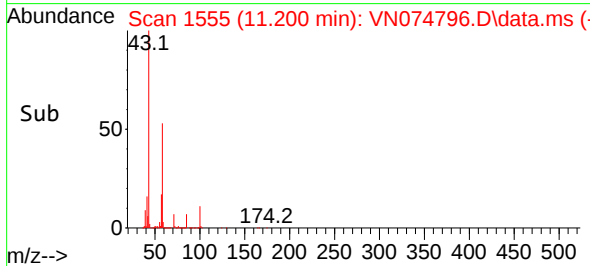
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 274520
Ion Ratio Lower Upper
43 100
58 52.9 27.3 81.9

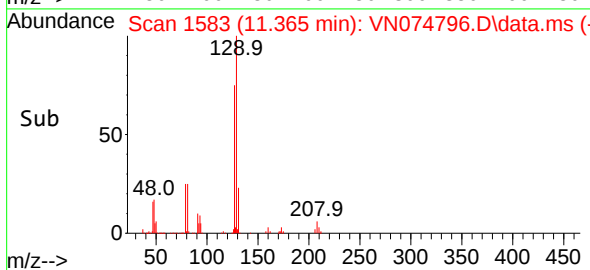
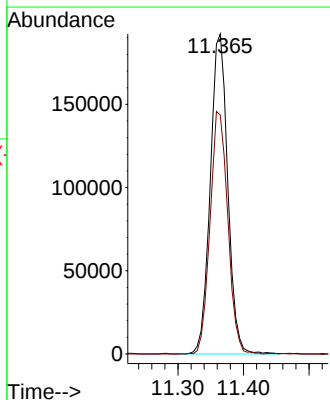
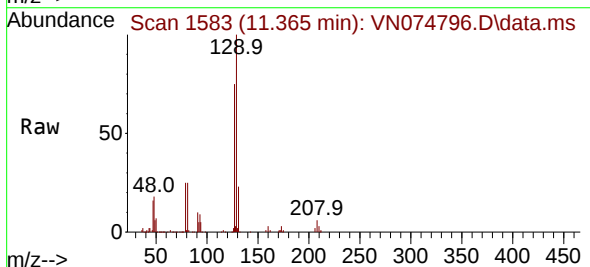
Manual Integrations
APPROVED

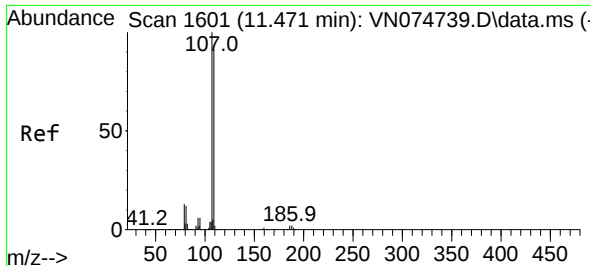
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#60
Dibromochloromethane
Concen: 54.090 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

Tgt Ion:129 Resp: 355123
Ion Ratio Lower Upper
129 100
127 76.9 39.5 118.3





#61
1,2-Dibromoethane
Concen: 52.356 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

Instrument :

MSVOA_N

ClientSampleId :

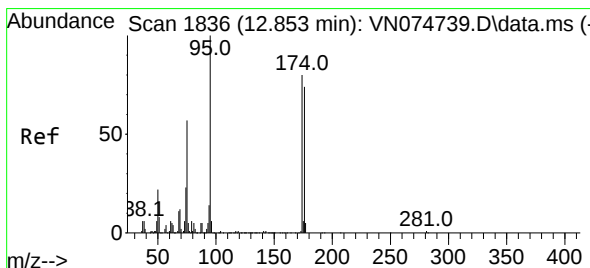
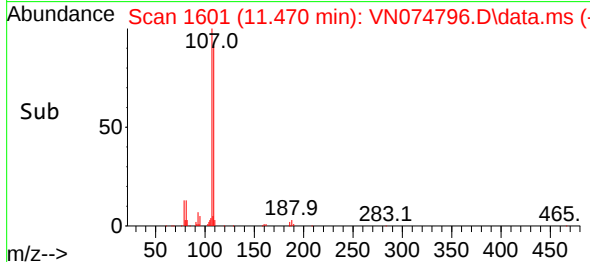
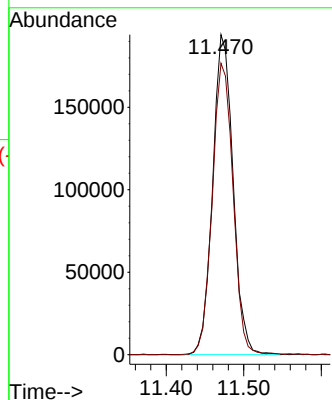
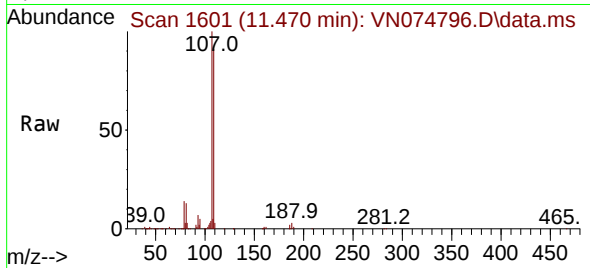
VSTDCCC050EC

Tgt Ion:107 Resp: 35481
Ion Ratio Lower Upper
107 100
109 92.7 74.2 111.2

Manual Integrations

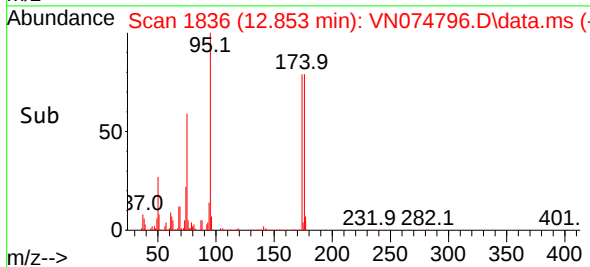
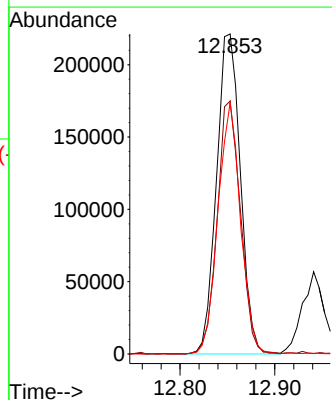
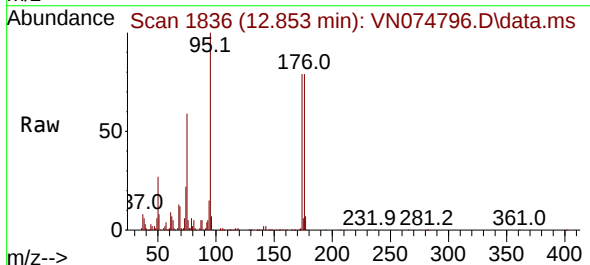
APPROVED

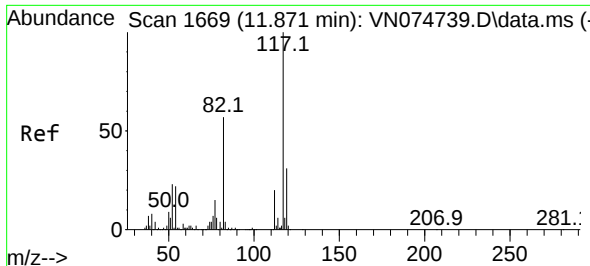
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#62
4-Bromofluorobenzene
Concen: 56.468 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

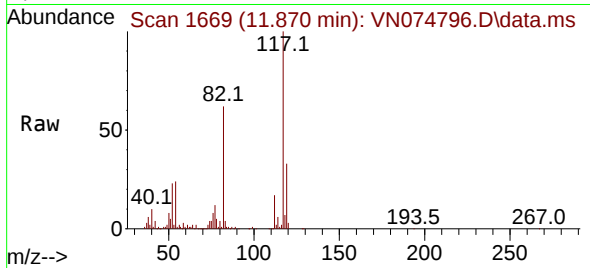
Tgt Ion: 95 Resp: 387840
Ion Ratio Lower Upper
95 100
174 76.6 0.0 149.4
176 74.4 0.0 142.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

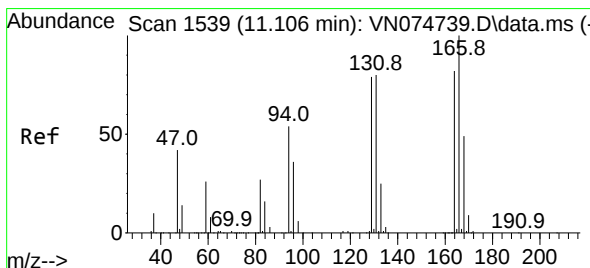
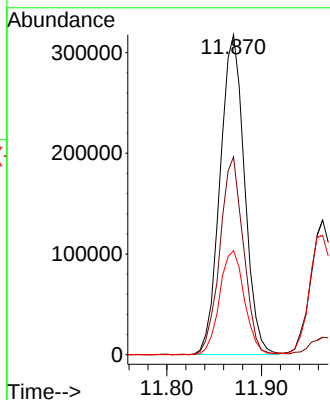
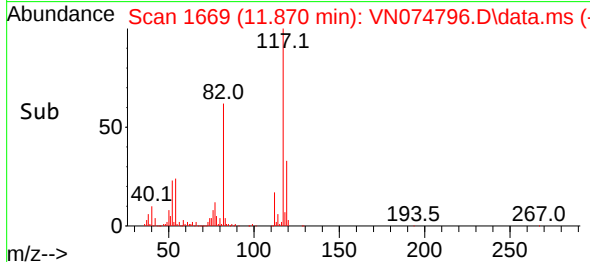
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 56950
Ion Ratio Lower Upper
117 100
82 61.9 45.4 68.2
119 32.4 25.1 37.7

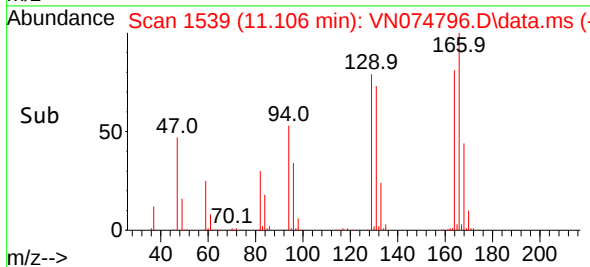
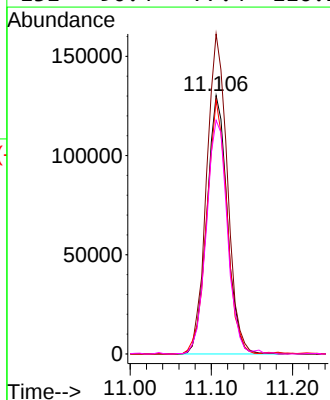
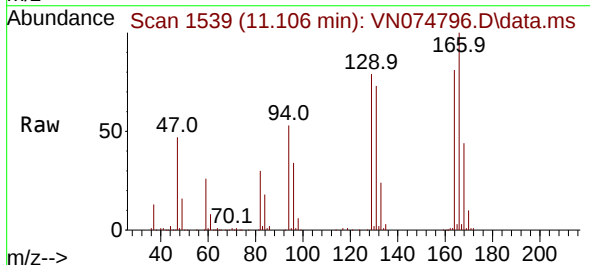
Manual Integrations
APPROVED

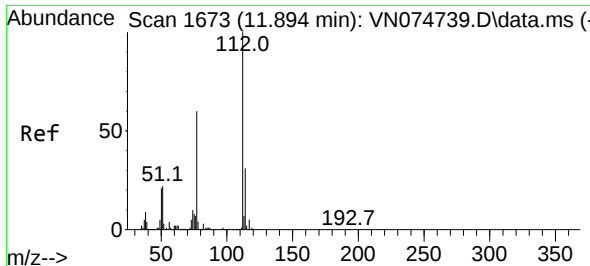
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#64
Tetrachloroethene
Concen: 49.277 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

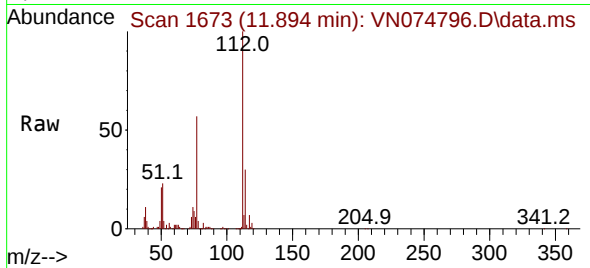
Tgt Ion:164 Resp: 227819
Ion Ratio Lower Upper
164 100
166 123.8 97.0 145.6
129 98.0 77.0 115.6
131 90.4 77.4 116.2





#65
Chlorobenzene
Concen: 50.315 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

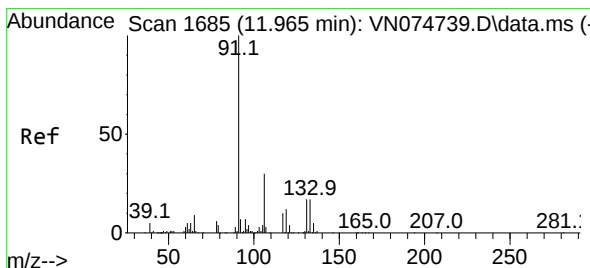
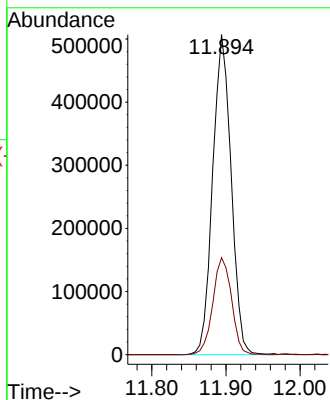
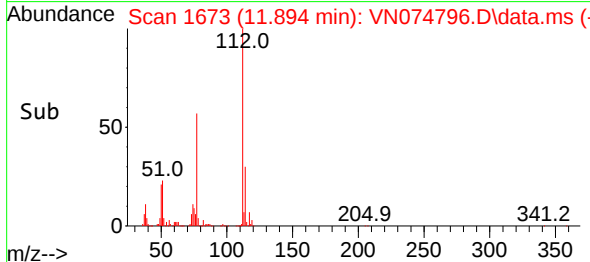
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



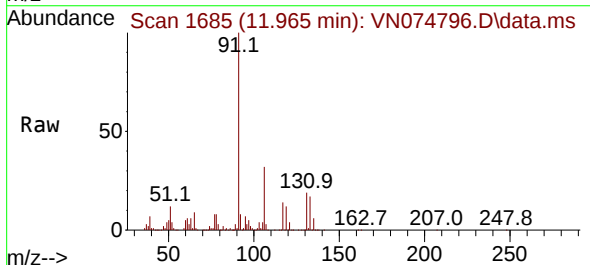
Tgt Ion:112 Resp: 87782
Ion Ratio Lower Upper
112 100
114 30.3 25.0 37.4

Manual Integrations
APPROVED

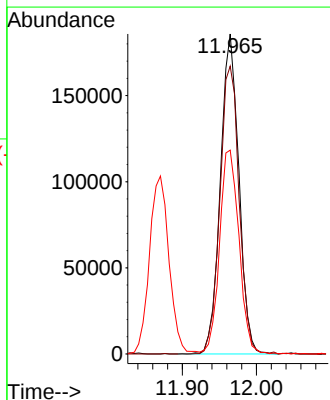
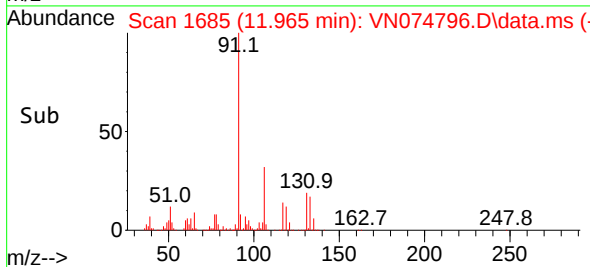
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

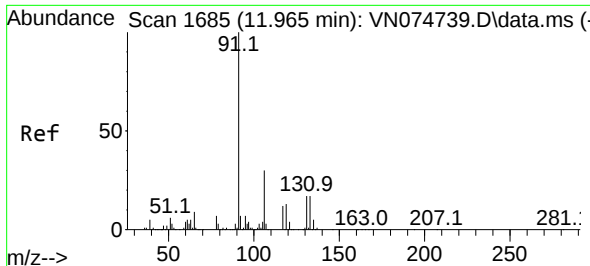


#66
1,1,1,2-Tetrachloroethane
Concen: 50.363 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



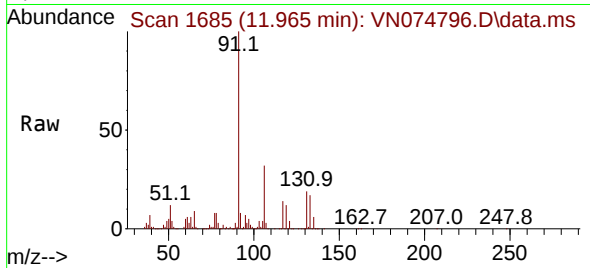
Tgt Ion:131 Resp: 320840
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.9
119 66.9 34.8 104.3





#67
Ethyl Benzene
Concen: 52.018 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

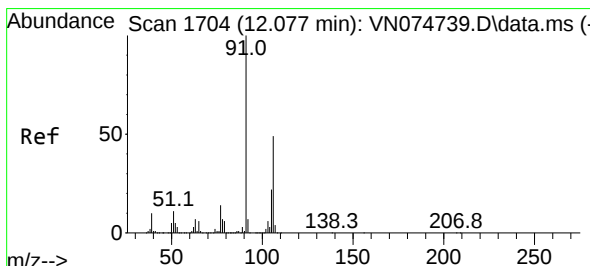
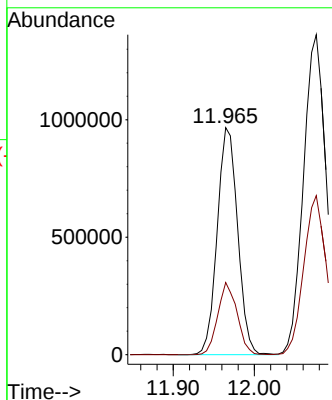
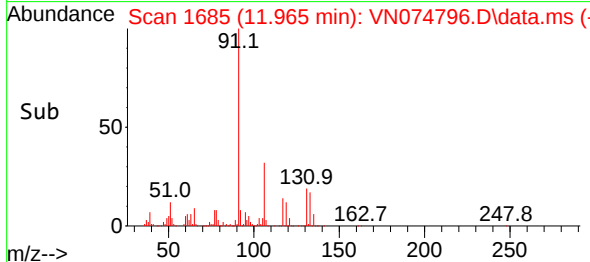
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



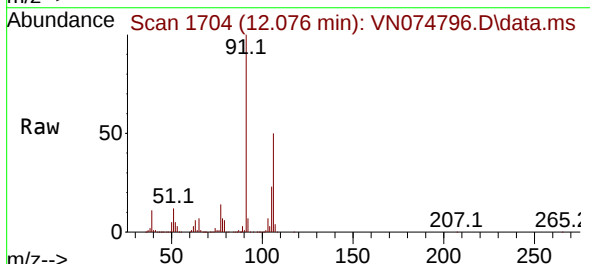
Tgt Ion: 91 Resp: 1691615
Ion Ratio Lower Upper
91 100
106 31.8 24.1 36.1

Manual Integrations
APPROVED

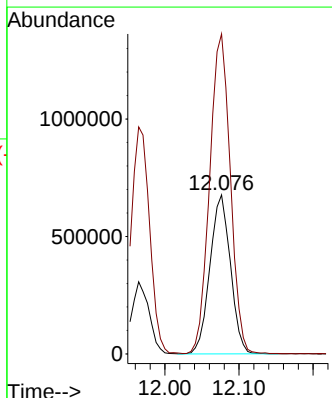
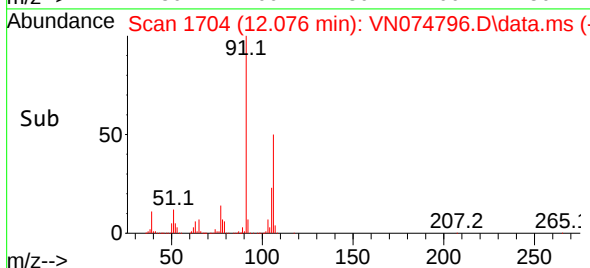
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

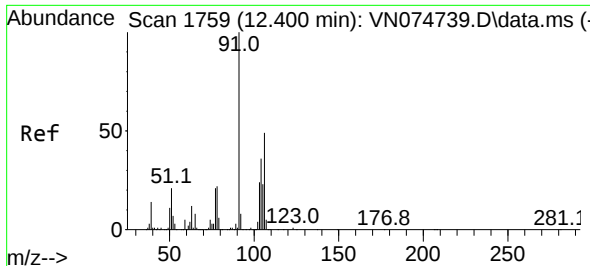


#68
m/p-Xylenes
Concen: 106.286 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



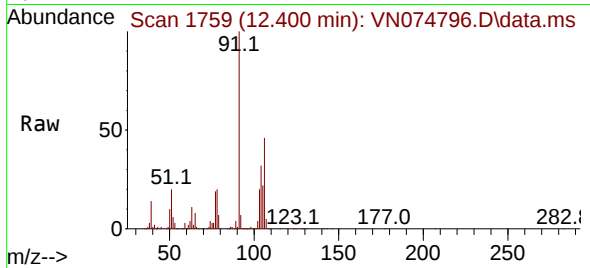
Tgt Ion:106 Resp: 1297505
Ion Ratio Lower Upper
106 100
91 203.7 164.2 246.4





#69
o-Xylene
Concen: 52.298 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

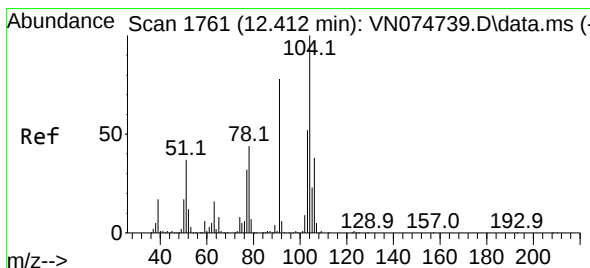
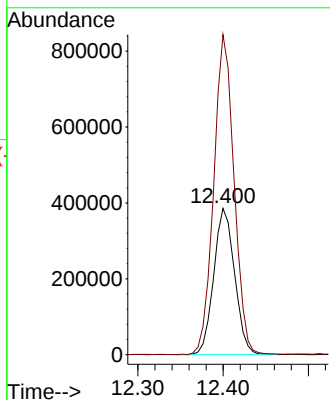
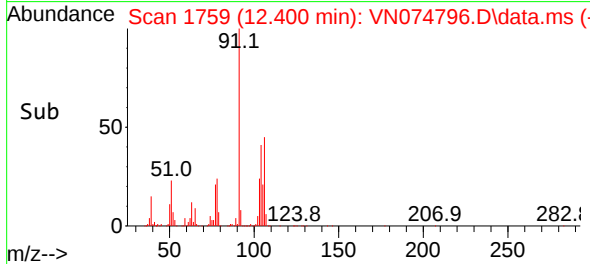
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



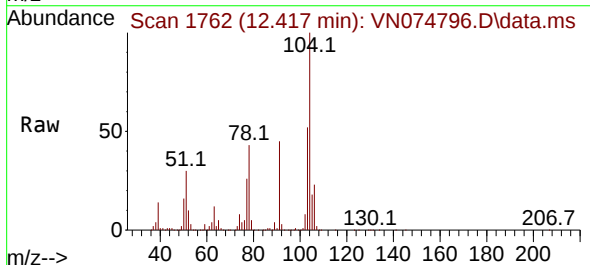
Tgt Ion:106 Resp: 655000
Ion Ratio Lower Upper
106 100
91 213.6 105.4 316.1

Manual Integrations
APPROVED

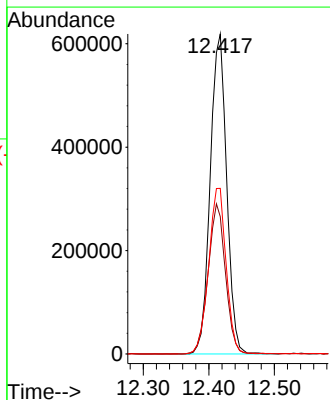
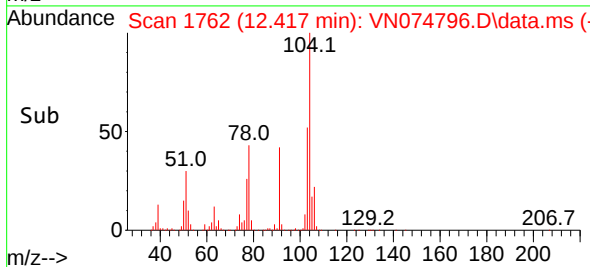
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

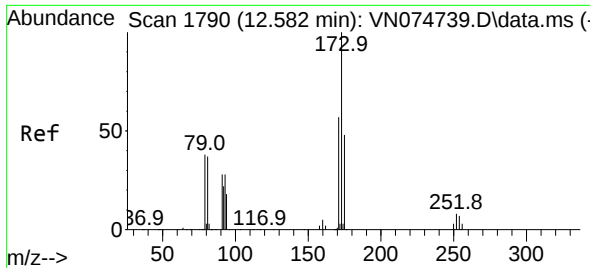


#70
Styrene
Concen: 54.504 ug/l
RT: 12.417 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



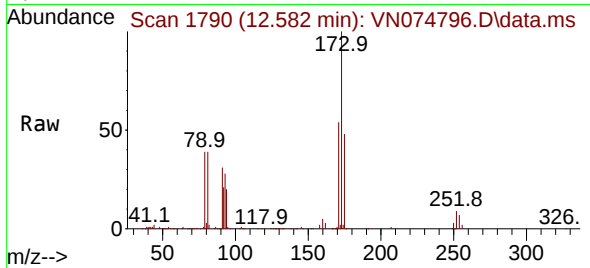
Tgt Ion:104 Resp: 1076153
Ion Ratio Lower Upper
104 100
78 49.5 39.7 59.5
103 55.2 44.7 67.1





#71
Bromoform
Concen: 53.021 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

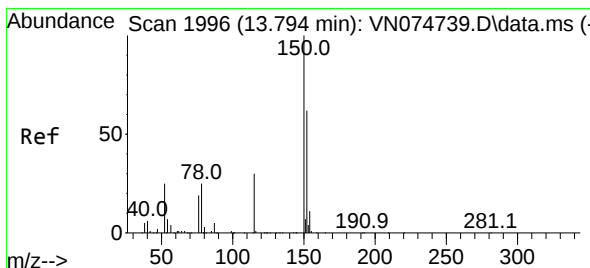
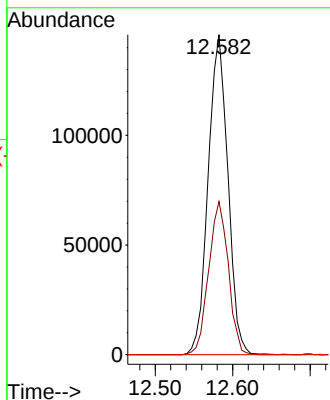
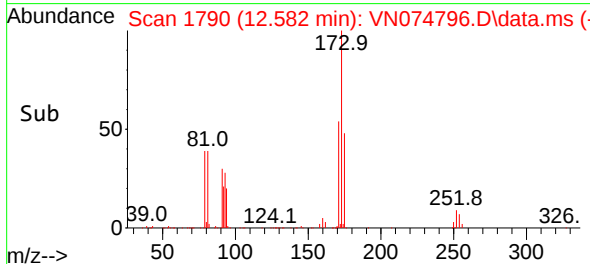
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



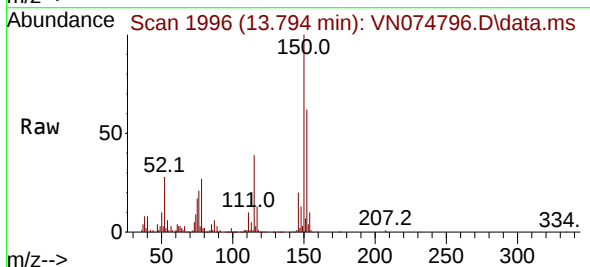
Tgt Ion:173 Resp: 257652
Ion Ratio Lower Upper
173 100
175 47.7 23.9 71.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

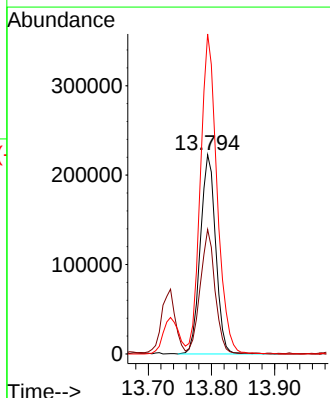
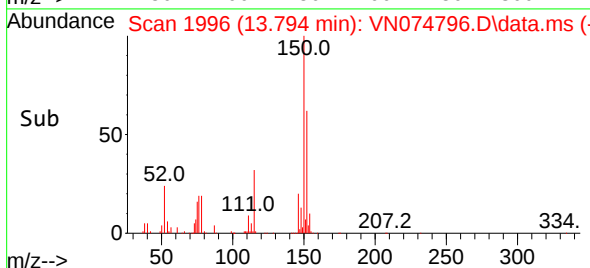
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

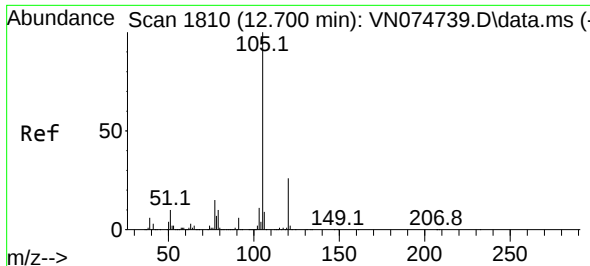


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



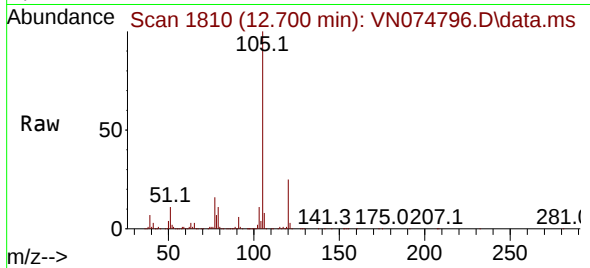
Tgt Ion:152 Resp: 376422
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.0
150 173.9 0.0 356.4





#73
Isopropylbenzene
Concen: 46.783 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

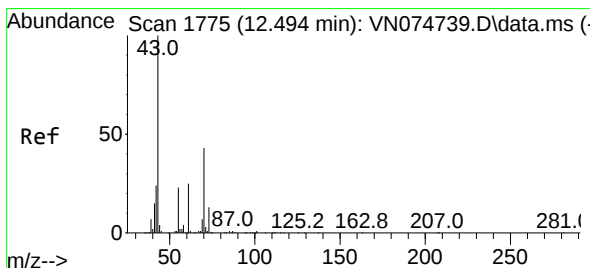
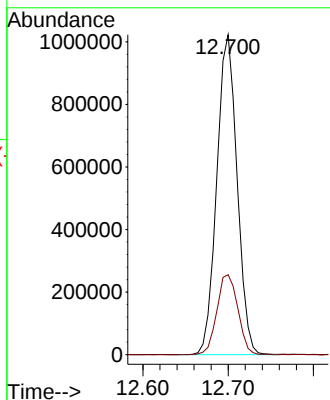
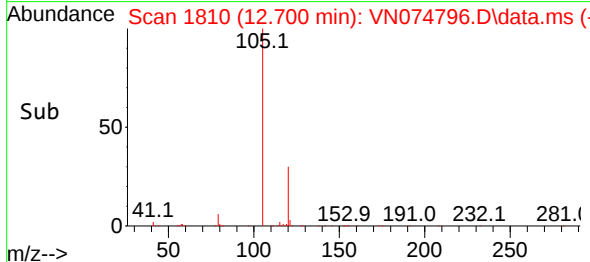
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



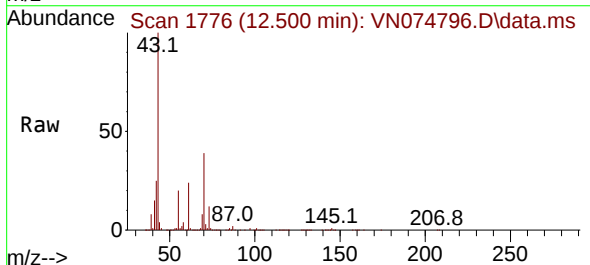
Tgt Ion:105 Resp: 169459
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.3

Manual Integrations
APPROVED

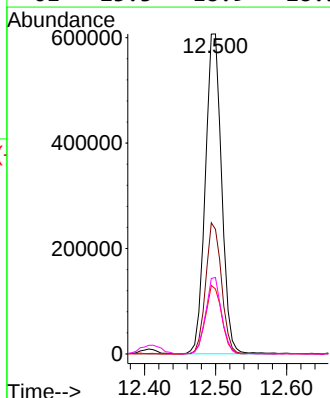
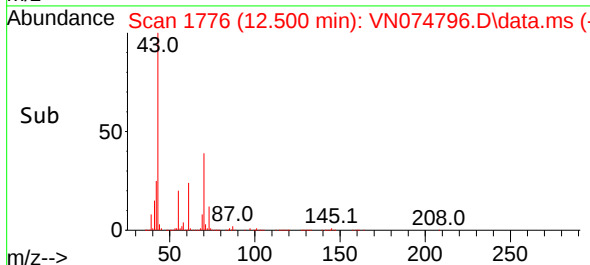
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

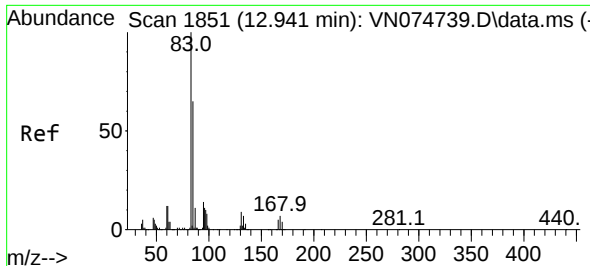


#74
N-ethyl acetate
Concen: 44.344 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



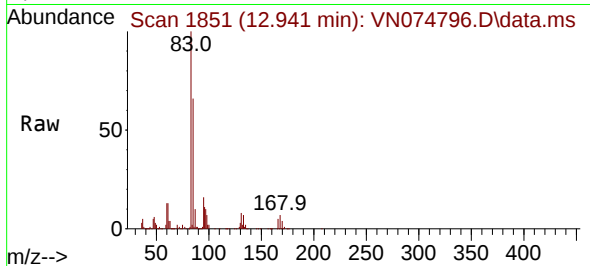
Tgt Ion: 43 Resp: 971182
Ion Ratio Lower Upper
43 100
70 39.9 32.9 49.3
55 21.4 17.8 26.6
61 23.3 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 53.548 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

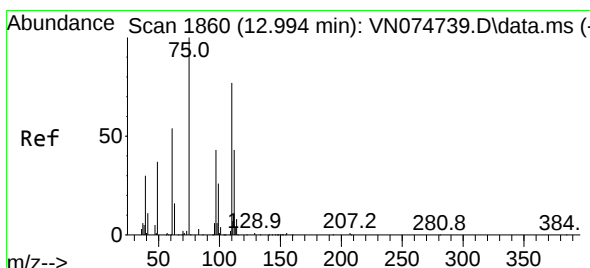
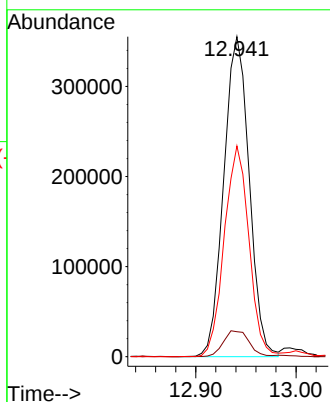
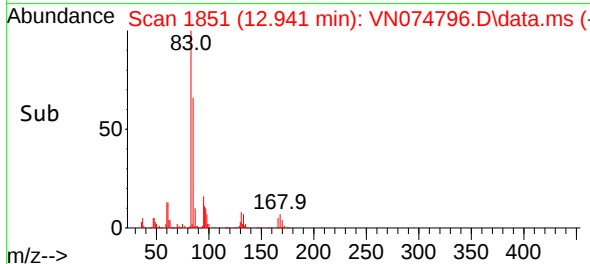
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



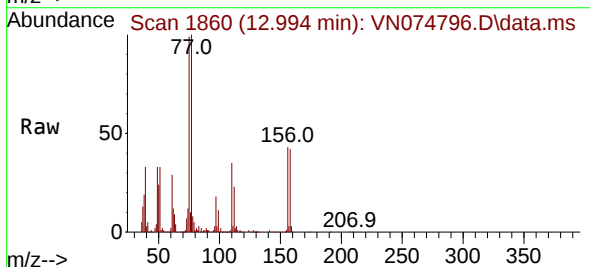
Tgt Ion: 83 Resp: 626208
Ion Ratio Lower Upper
83 100
131 8.2 4.3 12.8
85 63.9 32.9 98.6

Manual Integrations
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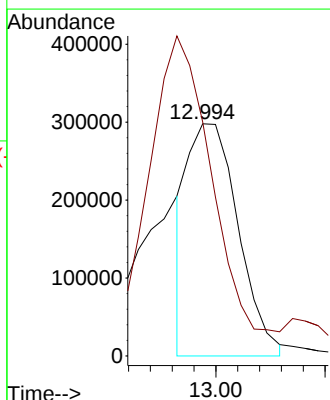
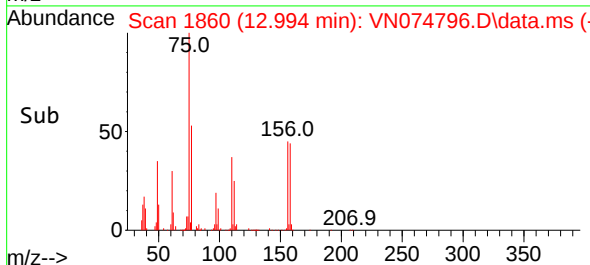
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

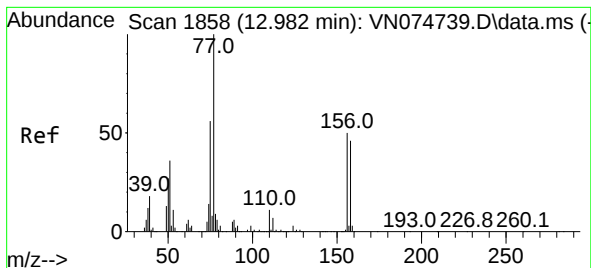


#76
1,2,3-Trichloropropane
Concen: 42.691 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



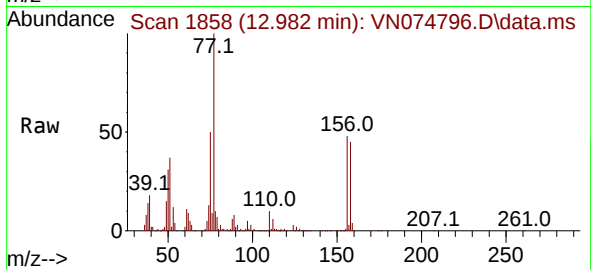
Tgt Ion: 75 Resp: 479645
Ion Ratio Lower Upper
75 100
77 179.1 76.9 230.7





#77
Bromobenzene
Concen: 53.773 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

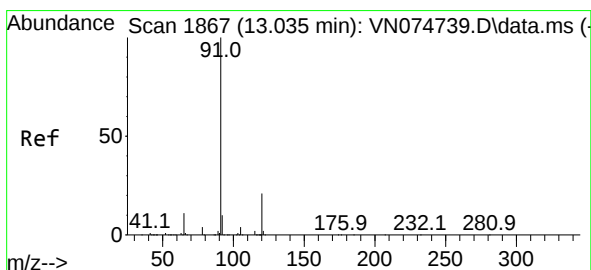
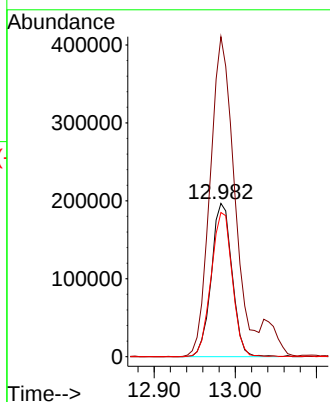
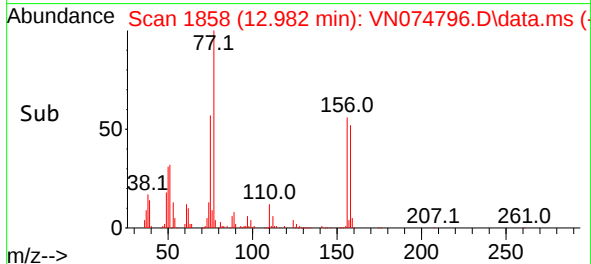
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



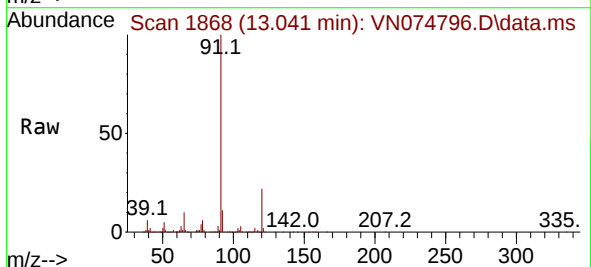
Tgt Ion:156 Resp: 348490
Ion Ratio Lower Upper
156 100
77 246.5 124.7 374.1
158 96.1 48.3 144.9

Manual Integrations
APPROVED

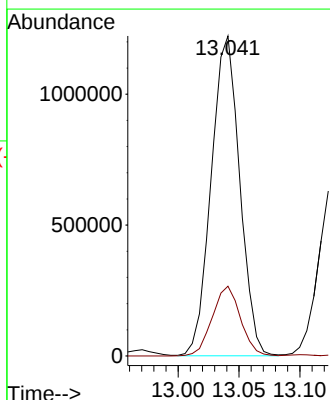
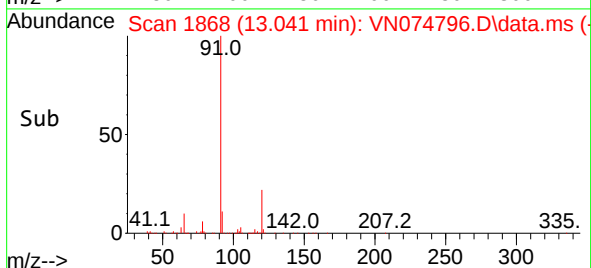
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

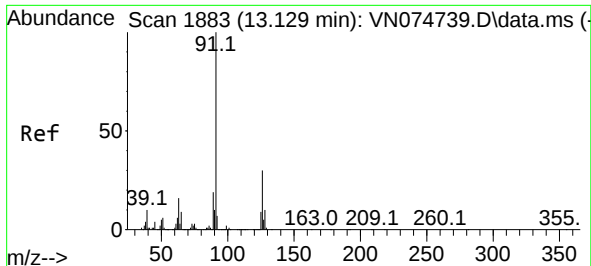


#78
n-propylbenzene
Concen: 47.802 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



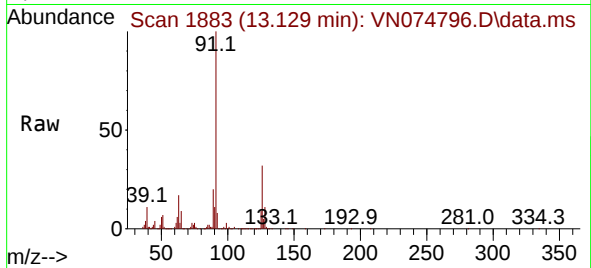
Tgt Ion: 91 Resp: 1994821
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4





#79
2-Chlorotoluene
Concen: 46.470 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

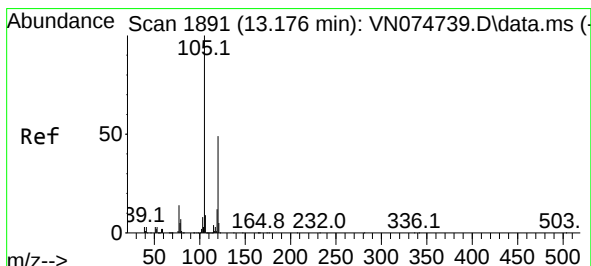
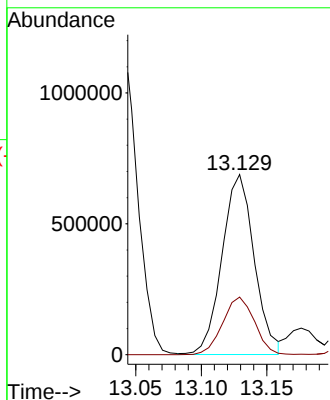
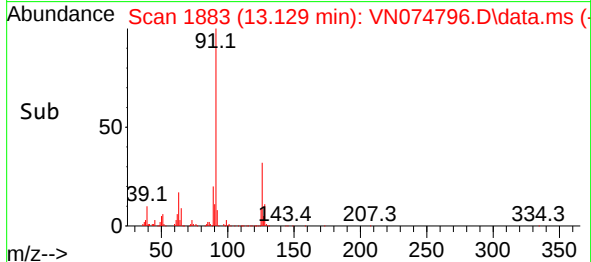
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



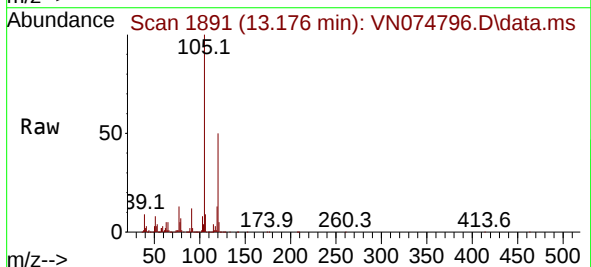
Tgt Ion: 91 Resp: 1175909
Ion Ratio Lower Upper
91 100
126 31.7 15.7 47.0

Manual Integrations
APPROVED

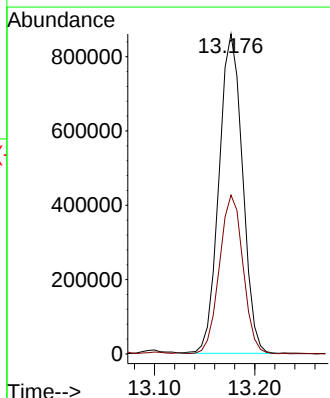
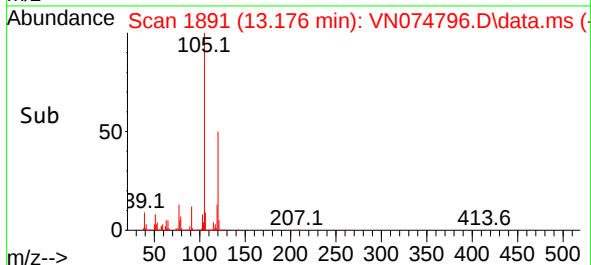
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

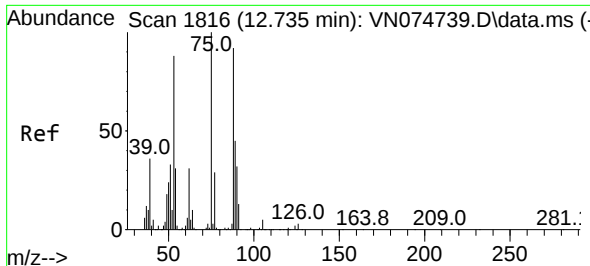


#80
1,3,5-Trimethylbenzene
Concen: 48.519 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



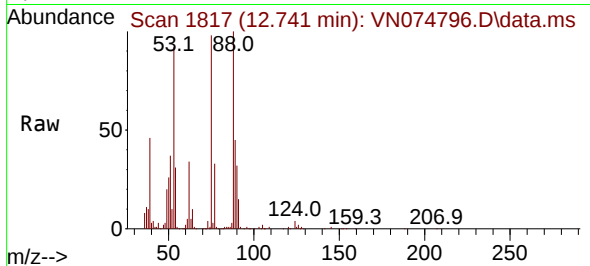
Tgt Ion:105 Resp: 1401656
Ion Ratio Lower Upper
105 100
120 49.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 39.846 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

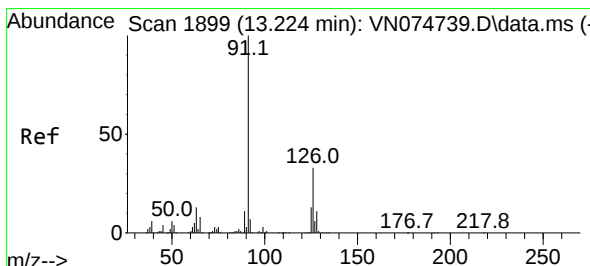
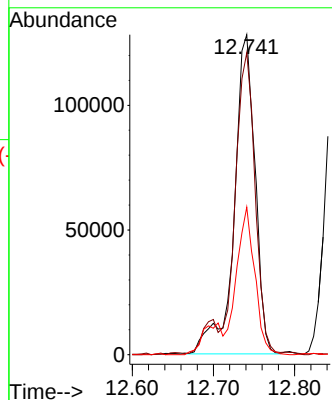
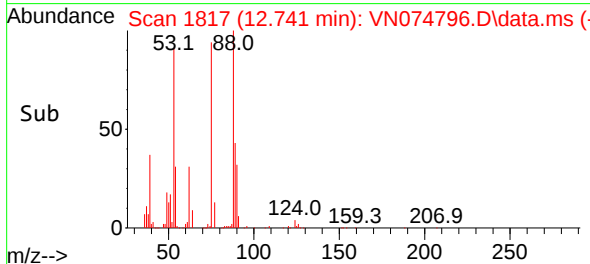
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 22977
Ion Ratio Lower Upper
75 100
53 89.2 71.4 107.0
89 40.4 32.1 48.1

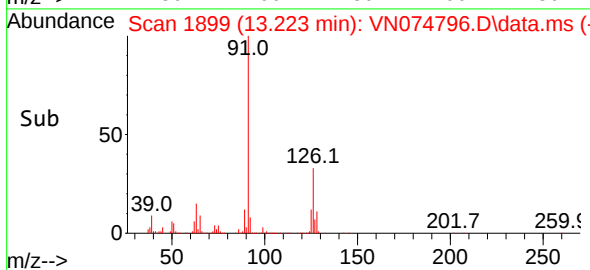
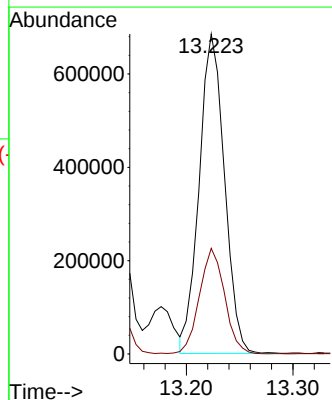
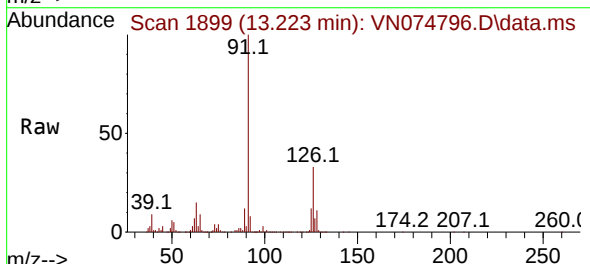
Manual Integrations
APPROVED

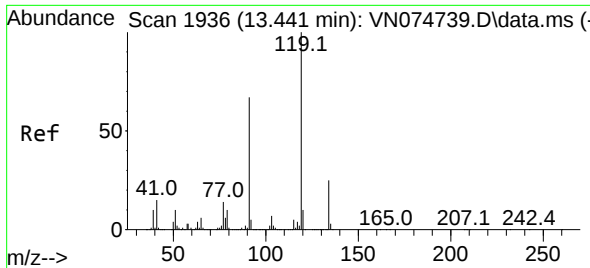
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#82
4-Chlorotoluene
Concen: 48.129 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

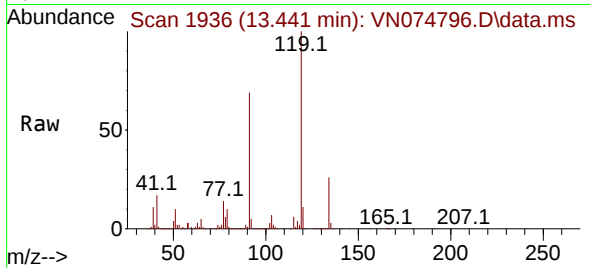
Tgt Ion: 91 Resp: 1128820
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.2





#83
tert-Butylbenzene
Concen: 48.588 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

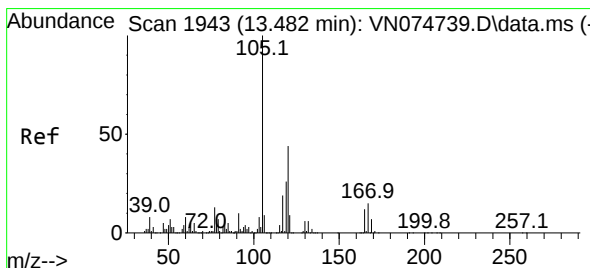
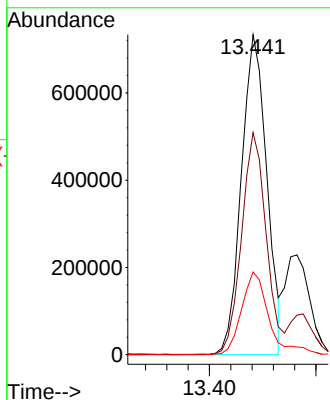
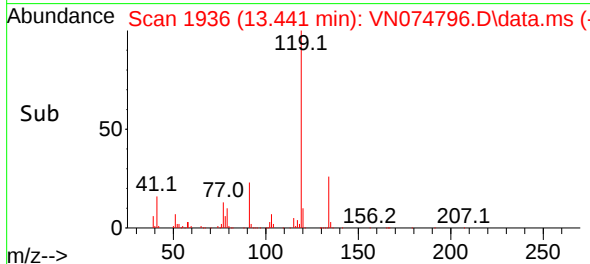
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



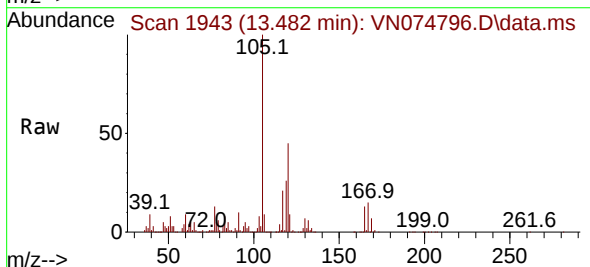
Tgt Ion:119 Resp: 1212949
Ion Ratio Lower Upper
119 100
91 67.8 33.0 98.9
134 27.9 13.2 39.5

Manual Integrations
APPROVED

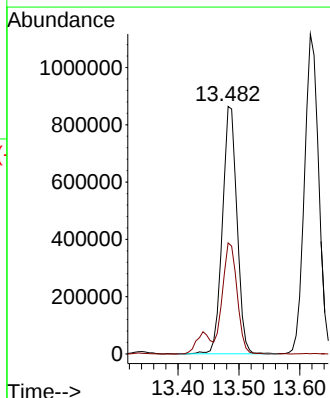
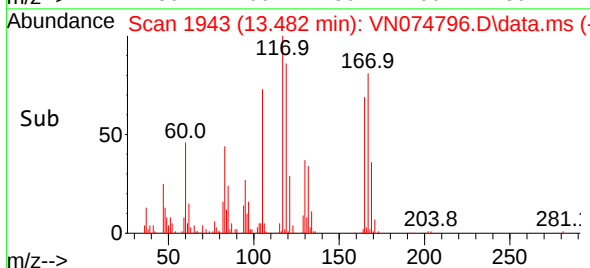
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

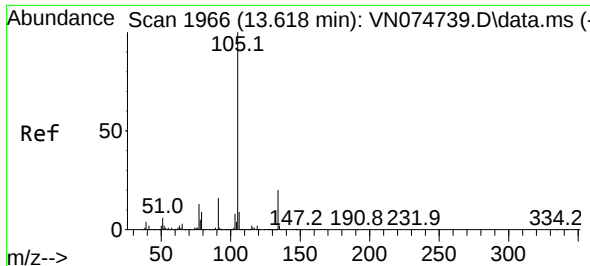


#84
1,2,4-Trimethylbenzene
Concen: 49.100 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



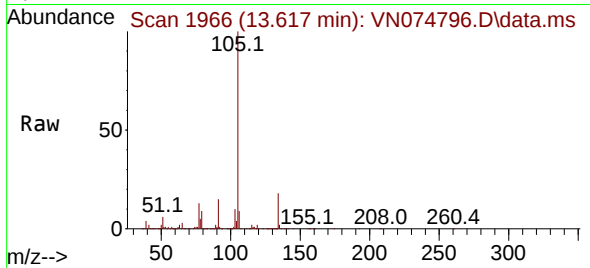
Tgt Ion:105 Resp: 1434256
Ion Ratio Lower Upper
105 100
120 44.9 21.7 65.1





#85
 sec-Butylbenzene
 Concen: 50.020 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074796.D
 Acq: 06 Oct 2022 20:17

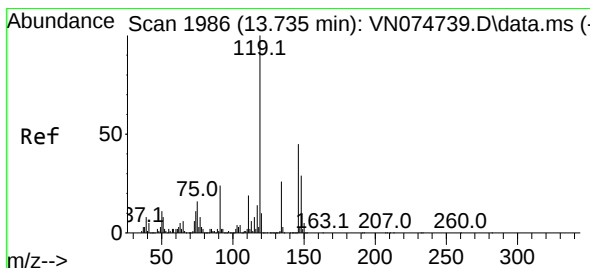
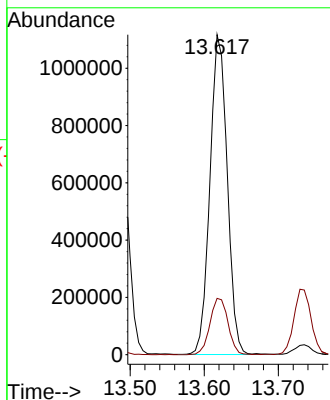
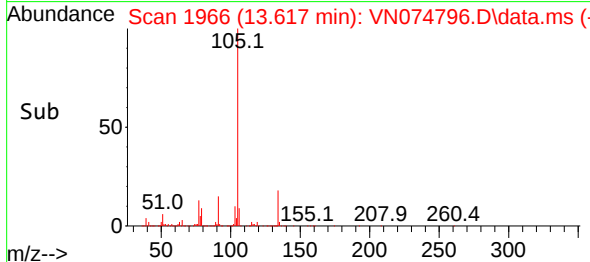
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 181458
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.4 28.2

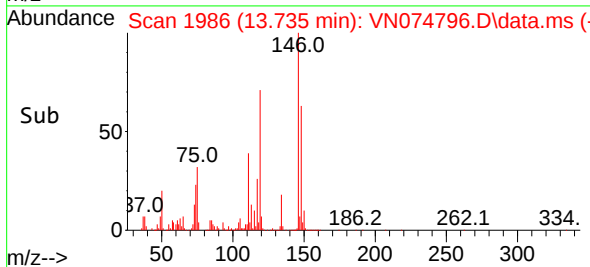
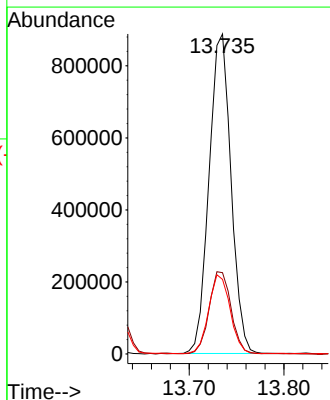
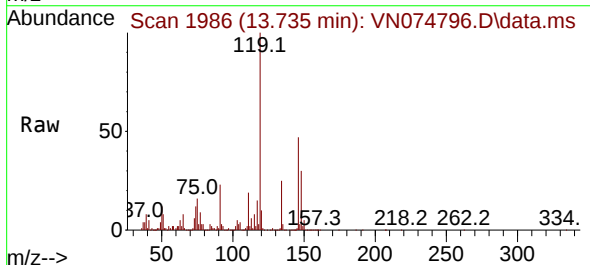
Manual Integrations
 APPROVED

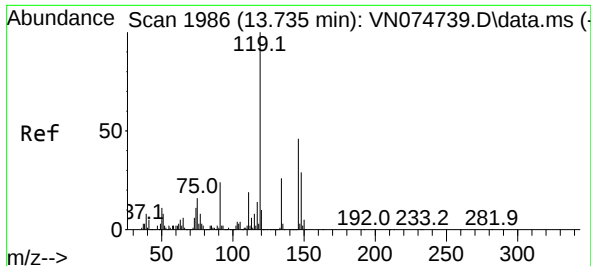
Reviewed By :John Carlone 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#86
 p-Isopropyltoluene
 Concen: 51.069 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN074796.D
 Acq: 06 Oct 2022 20:17

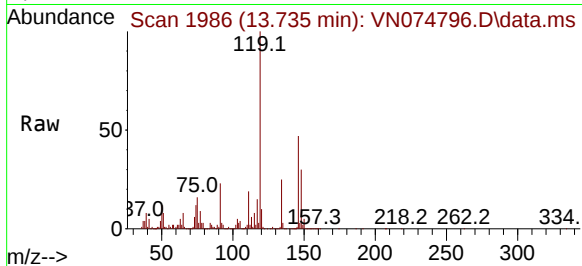
Tgt Ion:119 Resp: 1429689
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 24.1 12.0 36.0





#87
 1,3-Dichlorobenzene
 Concen: 47.651 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN074796.D
 Acq: 06 Oct 2022 20:17

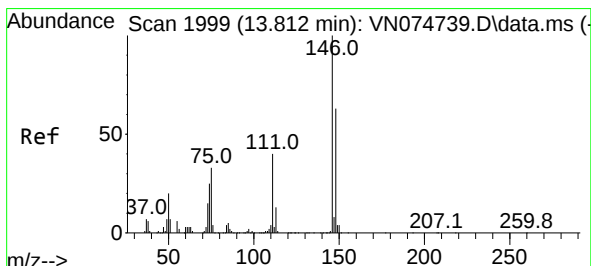
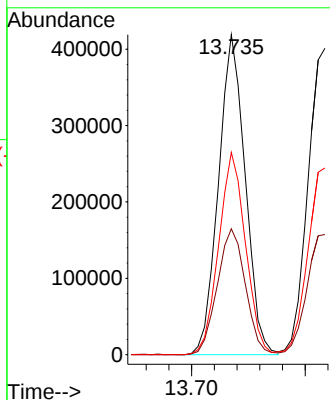
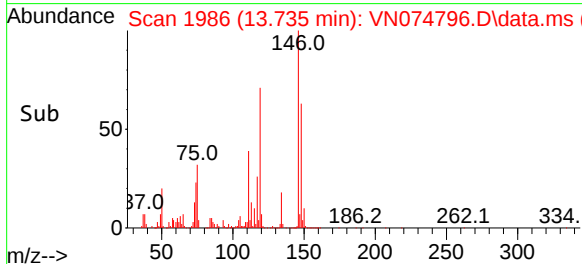
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 ClientSampleId :
 VSTDCCC050EC



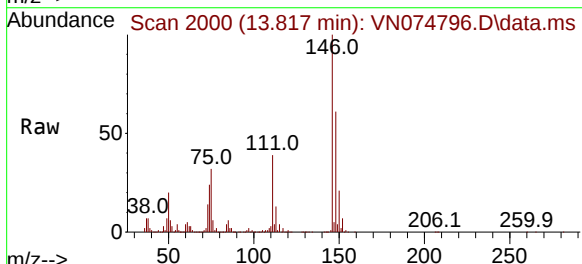
Tgt Ion:146 Resp: 684549
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.2
 148 63.3 31.5 94.5

Manual Integrations
 APPROVED

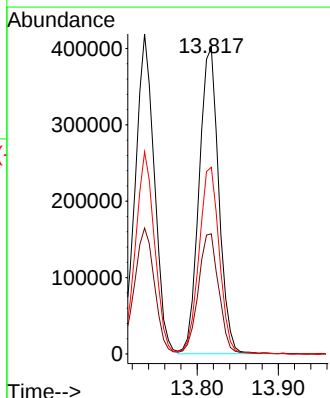
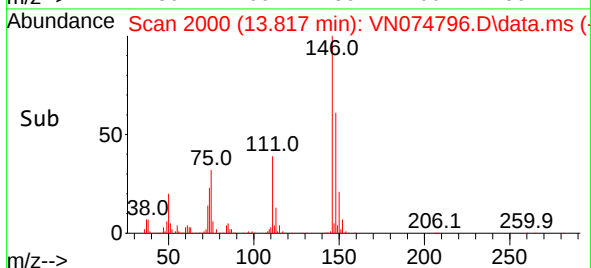
Reviewed By :John Carlone 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

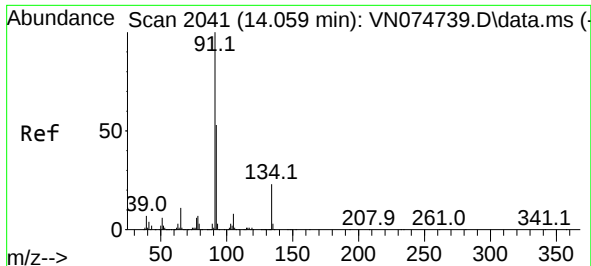


#88
 1,4-Dichlorobenzene
 Concen: 49.803 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN074796.D
 Acq: 06 Oct 2022 20:17



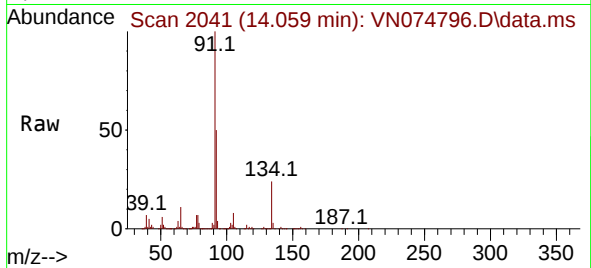
Tgt Ion:146 Resp: 675782
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.9 59.6
 148 62.1 31.8 95.4





#89
n-Butylbenzene
Concen: 51.506 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

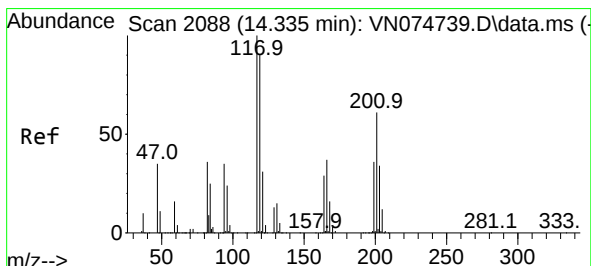
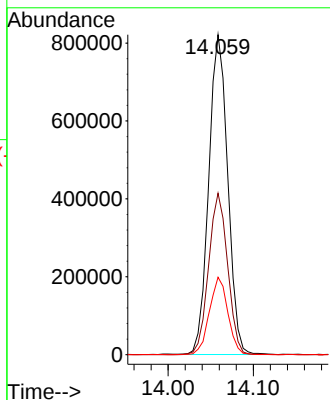
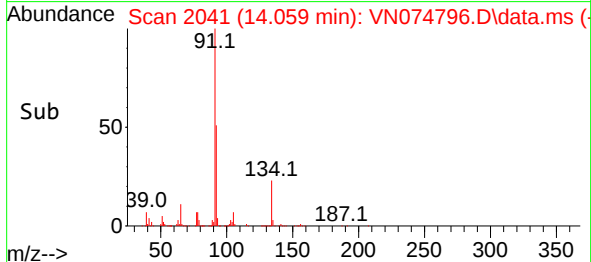
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 127093
Ion Ratio Lower Upper
91 100
92 50.7 26.7 80.0
134 23.7 11.9 35.5

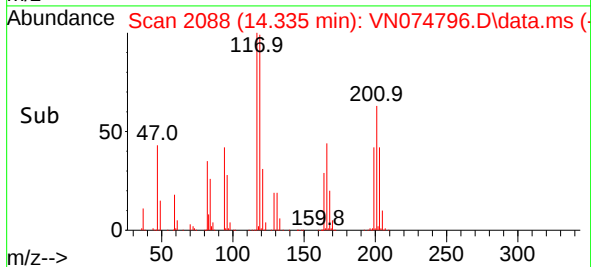
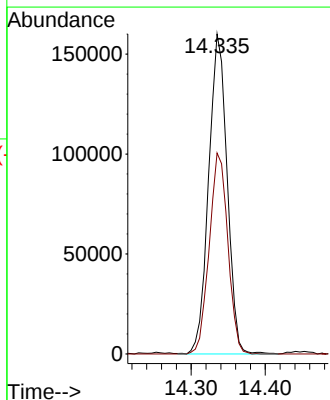
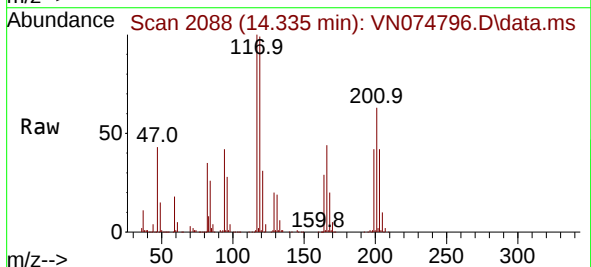
Manual Integrations
APPROVED

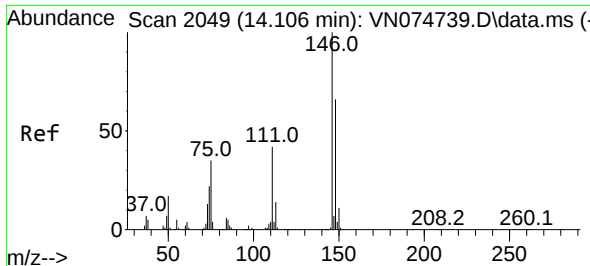
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#90
Hexachloroethane
Concen: 44.260 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

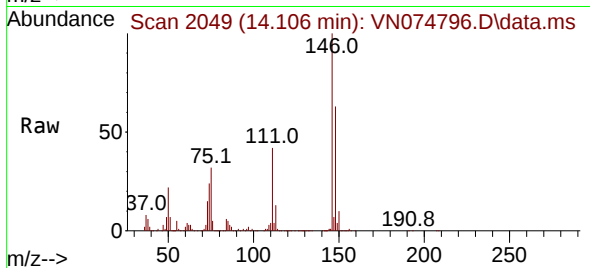
Tgt Ion:117 Resp: 277043
Ion Ratio Lower Upper
117 100
201 63.1 30.3 90.8





#91
1,2-Dichlorobenzene
Concen: 49.573 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

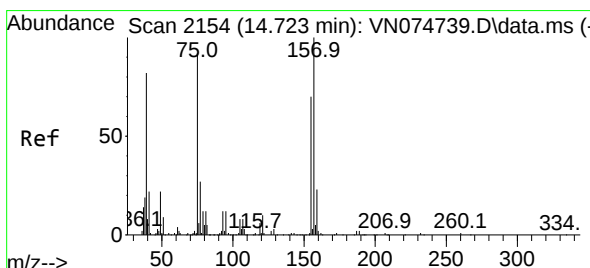
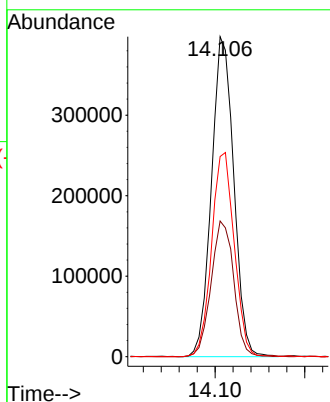
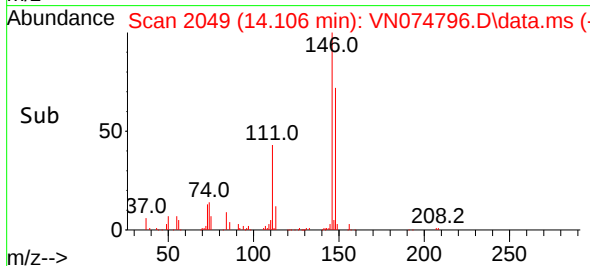
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



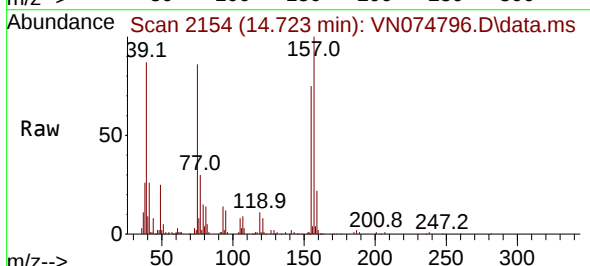
Tgt Ion:146 Resp: 685818
Ion Ratio Lower Upper
146 100
111 43.1 21.5 64.5
148 64.8 31.9 95.9

Manual Integrations
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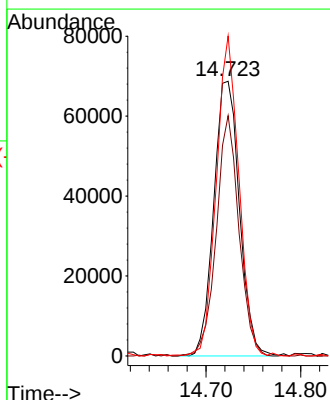
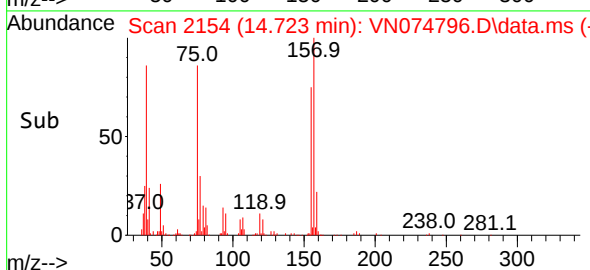
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

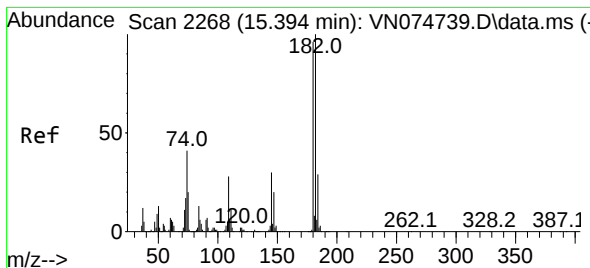


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.134 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17



Tgt Ion: 75 Resp: 129504
Ion Ratio Lower Upper
75 100
155 77.2 40.3 120.8
157 102.4 51.3 153.9





#93

1,2,4-Trichlorobenzene

Concen: 51.153 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN074796.D

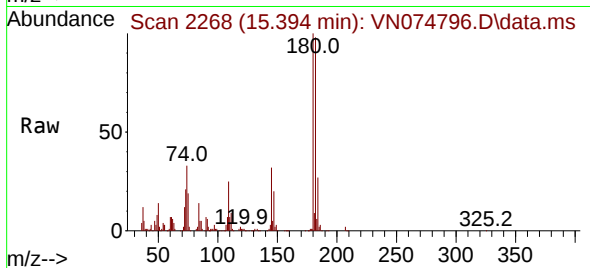
Acq: 06 Oct 2022 20:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 30955

Ion Ratio Lower Upper

180 100

182 97.2 48.5 145.5

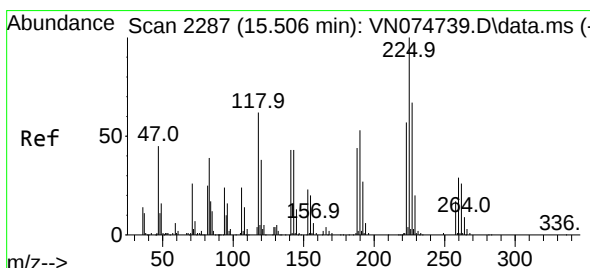
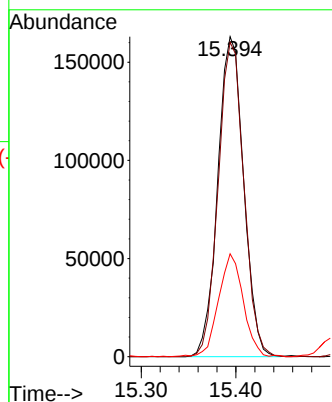
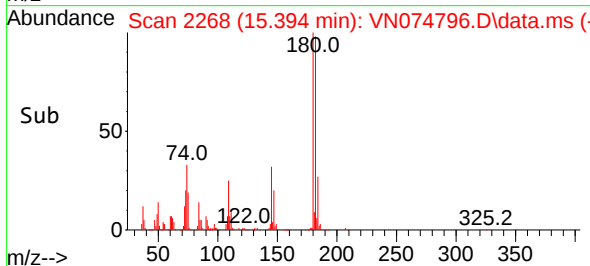
145 30.8 16.1 48.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#94

Hexachlorobutadiene

Concen: 47.385 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN074796.D

Acq: 06 Oct 2022 20:17

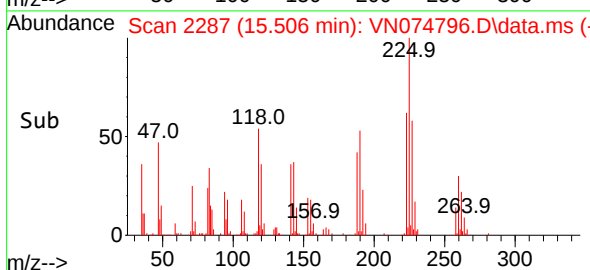
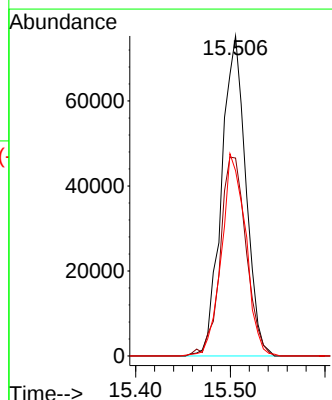
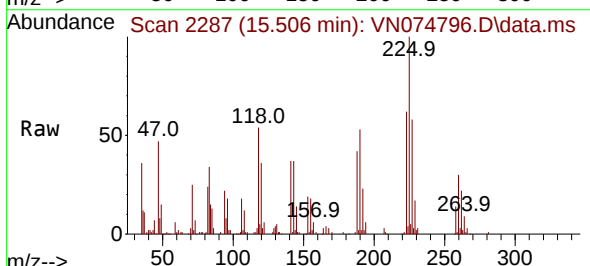
Tgt Ion:225 Resp: 134142

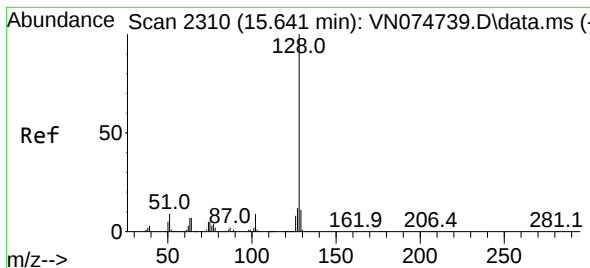
Ion Ratio Lower Upper

225 100

223 66.4 31.7 95.1

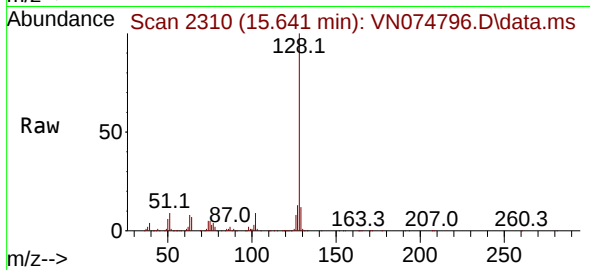
227 62.9 31.2 93.6





#95
Naphthalene
Concen: 54.036 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

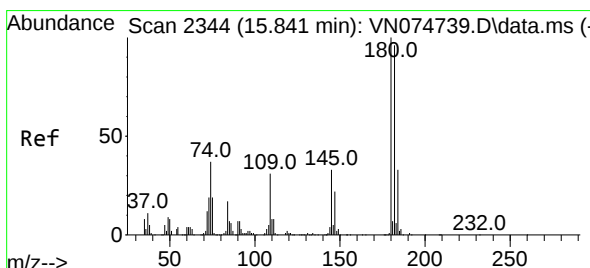
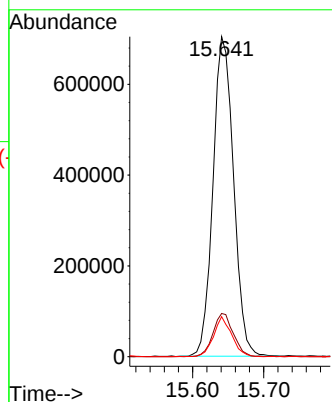
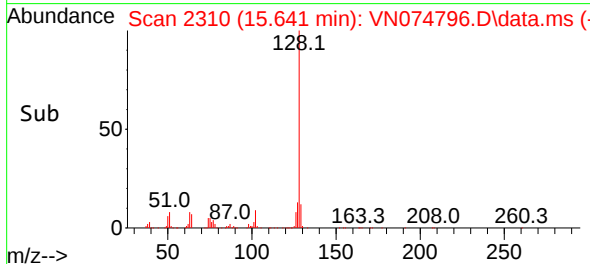
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 141370
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 11.1 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.980 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074796.D
Acq: 06 Oct 2022 20:17

Tgt Ion:180 Resp: 310667
Ion Ratio Lower Upper
180 100
182 97.2 47.3 142.0
145 32.1 17.1 51.2

