

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080922\
 Data File : VN073791.D
 Acq On : 09 Aug 2022 17:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 09 21:09:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2022
 Supervised By : Mahesh Dadoda 08/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	374082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	582524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	551965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	284784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	219125	48.066	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.140%		
35) Dibromofluoromethane	7.951	113	188821	51.620	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.240%		
50) Toluene-d8	10.380	98	724207	50.312	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.620%		
62) 4-Bromofluorobenzene	12.669	95	247661	51.250	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	156255	43.065	ug/l	97
3) Chloromethane	2.263	50	199967	45.636	ug/l	97
4) Vinyl Chloride	2.404	62	248365	39.139	ug/l	97
5) Bromomethane	2.775	94	115909	31.494	ug/l	97
6) Chloroethane	2.940	64	182361	49.238	ug/l	97
7) Trichlorofluoromethane	3.299	101	382423	58.475	ug/l	99
8) Diethyl Ether	3.757	74	118533	48.269	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.122	101	182473	50.430	ug/l	99
10) Methyl Iodide	4.334	142	162801	44.258	ug/l	99
11) Tert butyl alcohol	5.293	59	258642	263.069	ug/l	99
12) 1,1-Dichloroethene	4.098	96	167191	47.107	ug/l	94
13) Acrolein	3.969	56	253450	260.027	ug/l	97
14) Allyl chloride	4.746	41	266820	47.022	ug/l	99
15) Acrylonitrile	5.469	53	707355	260.093	ug/l	99
16) Acetone	4.216	43	577830	235.987	ug/l	99
17) Carbon Disulfide	4.446	76	401772	42.693	ug/l	99
18) Methyl Acetate	4.769	43	343370	56.367	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	632174	52.138	ug/l	99
20) Methylene Chloride	5.004	84	215963	54.729	ug/l	99
21) trans-1,2-Dichloroethene	5.504	96	186825	48.627	ug/l	93
22) Diisopropyl ether	6.404	45	614486	50.194	ug/l	98
23) Vinyl Acetate	6.345	43	2671077	260.240	ug/l	100
24) 1,1-Dichloroethane	6.298	63	358125	47.551	ug/l	99
25) 2-Butanone	7.257	43	967520	254.439	ug/l	100
26) 2,2-Dichloropropane	7.239	77	275851	47.606	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	238113	50.302	ug/l	93
28) Bromochloromethane	7.581	49	154109	48.734	ug/l	99
29) Tetrahydrofuran	7.604	42	621449	258.488	ug/l	100
30) Chloroform	7.739	83	384409	48.989	ug/l	98
31) Cyclohexane	8.016	56	301215	44.381	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	324696	49.835	ug/l	99
36) 1,1-Dichloropropene	8.145	75	268671	51.535	ug/l	99
37) Ethyl Acetate	7.334	43	358458	52.209	ug/l	99
38) Carbon Tetrachloride	8.134	117	278937	52.680	ug/l	99
39) Methylcyclohexane	9.392	83	334157	53.638	ug/l	98
40) Benzene	8.386	78	863658	51.016	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	160127	51.541	ug/l	96
42) 1,2-Dichloroethane	8.463	62	284033	49.782	ug/l	99
43) Isopropyl Acetate	8.492	43	506389	54.606	ug/l	100
44) Trichloroethene	9.151	130	218884	50.985	ug/l	95
45) 1,2-Dichloropropane	9.428	63	217754	51.460	ug/l	99
46) Dibromomethane	9.510	93	157825	53.739	ug/l	99
47) Bromodichloromethane	9.698	83	302694	53.700	ug/l	97
48) Methyl methacrylate	9.498	41	228661	56.331	ug/l	94
49) 1,4-Dioxane	9.504	88	139354	1217.849	ug/l	93
51) 4-Methyl-2-Pentanone	10.269	43	1872424	281.510	ug/l	100
52) Toluene	10.445	92	550432	53.230	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	315334	56.628	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	346576	55.231	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	235875	54.701	ug/l	99
56) Ethyl methacrylate	10.698	69	367187	61.783	ug/l	100
57) 1,3-Dichloropropane	10.986	76	394195	53.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	830082	263.383	ug/l	98
59) 2-Hexanone	11.027	43	1456012	288.929	ug/l	99
60) Dibromochloromethane	11.180	129	248326	57.887	ug/l	100
61) 1,2-Dibromoethane	11.286	107	241738	54.432	ug/l	98
64) Tetrachloroethene	10.916	164	211204	48.147	ug/l	95
65) Chlorobenzene	11.710	112	610396	52.063	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	230911	54.911	ug/l	99
67) Ethyl Benzene	11.786	91	1079775	54.591	ug/l	100
68) m/p-Xylenes	11.892	106	849823	112.652	ug/l	99
69) o-Xylene	12.222	106	416016	56.565	ug/l	99
70) Styrene	12.233	104	707389	60.084	ug/l	97
71) Bromoform	12.398	173	207391	59.750	ug/l	100
73) Isopropylbenzene	12.521	105	1096124	52.580	ug/l	100
74) N-amyl acetate	12.327	43	425448	54.014	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	382325	47.526	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	277364m	53.383	ug/l	
77) Bromobenzene	12.798	156	278018	51.211	ug/l	97
78) n-propylbenzene	12.863	91	1279008	54.526	ug/l	100
79) 2-Chlorotoluene	12.945	91	749928	51.224	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	915034	53.337	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	118234	53.803	ug/l	100
82) 4-Chlorotoluene	13.045	91	725998	52.323	ug/l	97
83) tert-Butylbenzene	13.263	119	816179	53.711	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	920806	54.585	ug/l	100
85) sec-Butylbenzene	13.439	105	1175326	55.962	ug/l	98
86) p-Isopropyltoluene	13.557	119	973580	58.803	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	502733	50.733	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	499217	50.350	ug/l	98
89) n-Butylbenzene	13.880	91	795151	59.025	ug/l	99
90) Hexachloroethane	14.151	117	176406	53.702	ug/l	98
91) 1,2-Dichlorobenzene	13.927	146	509575	50.746	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	82158	50.831	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	294037	58.965	ug/l	99
94) Hexachlorobutadiene	15.304	225	154386	56.949	ug/l	98
95) Naphthalene	15.433	128	963297	59.529	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	305194	58.151	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

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

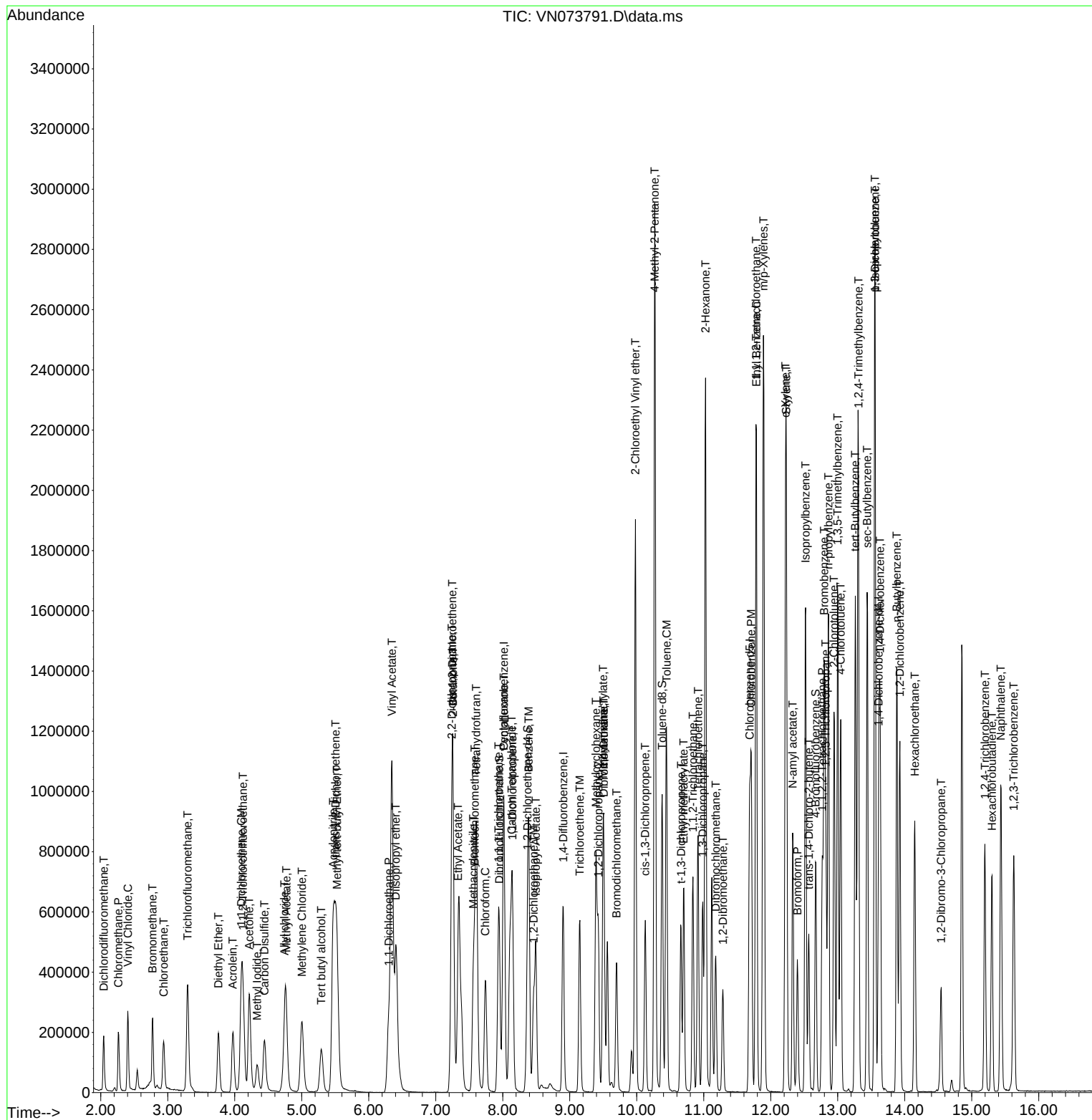
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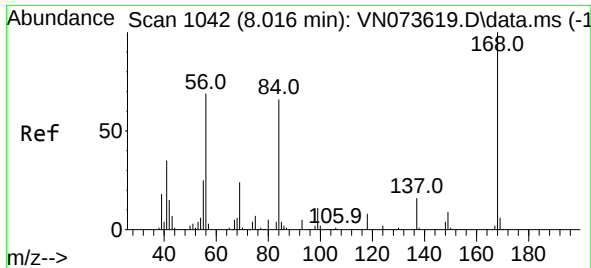
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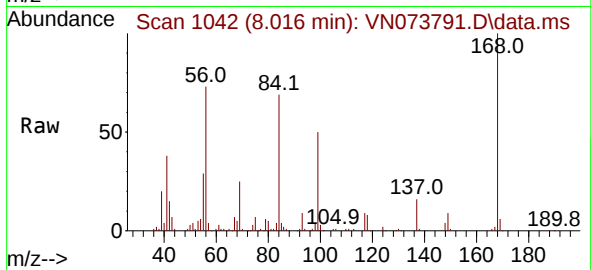
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

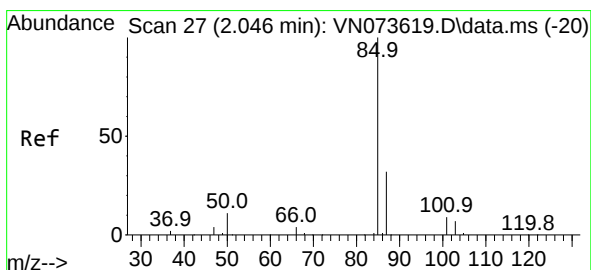
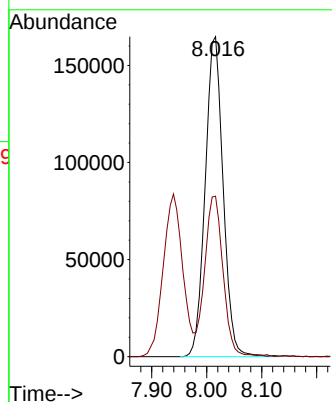
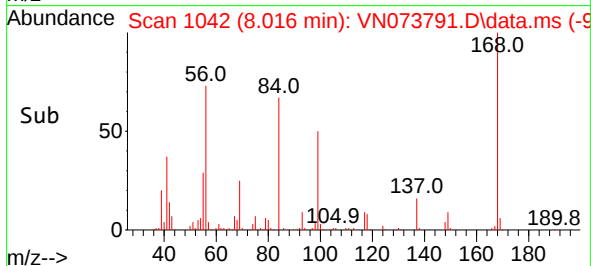
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 374082
Ion Ratio Lower Upper
168 100
99 49.9 42.3 63.5

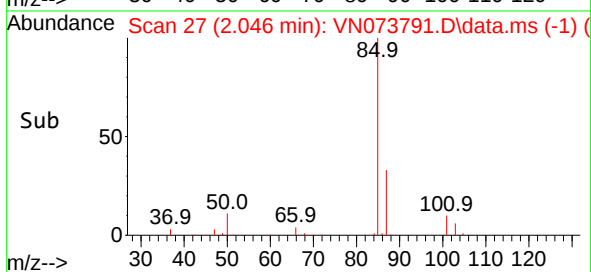
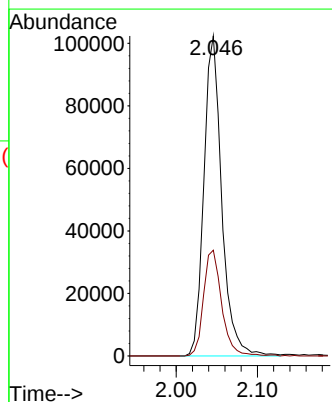
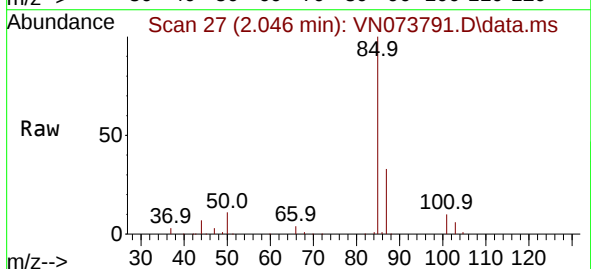
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#2
Dichlorodifluoromethane
Concen: 43.065 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

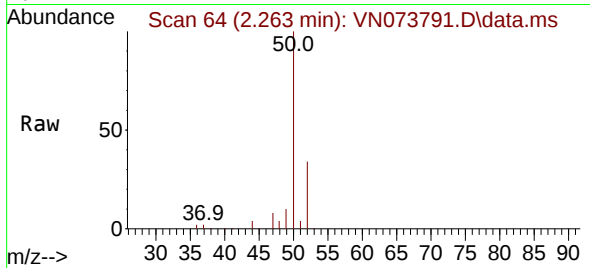
Tgt Ion: 85 Resp: 156255
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.1





#3
Chloromethane
Concen: 45.636 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

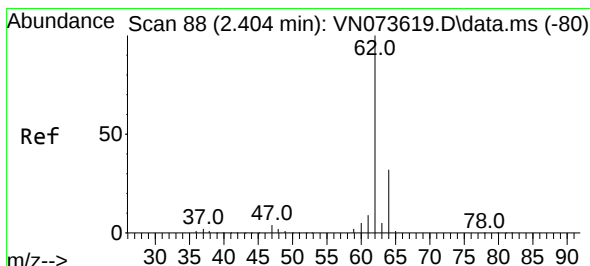
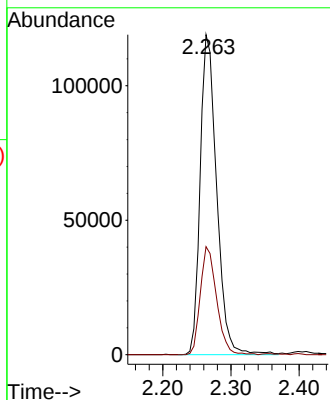
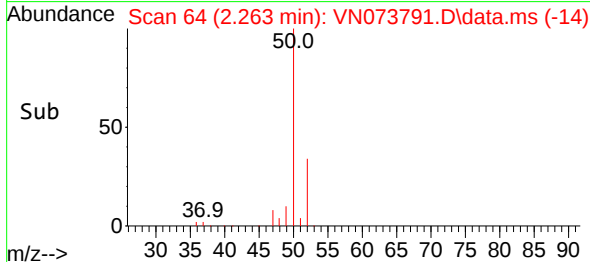
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 19996
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5

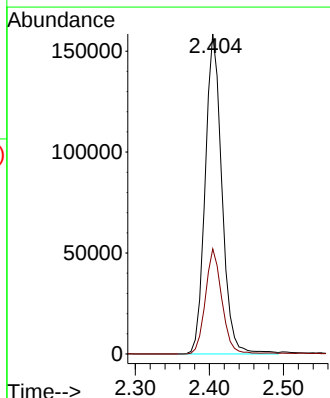
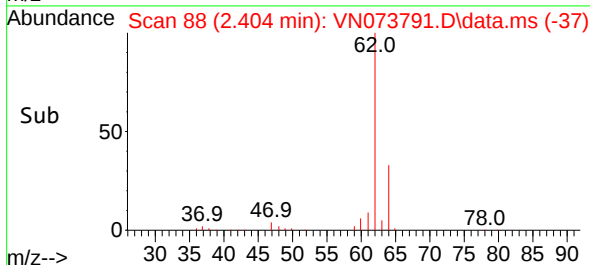
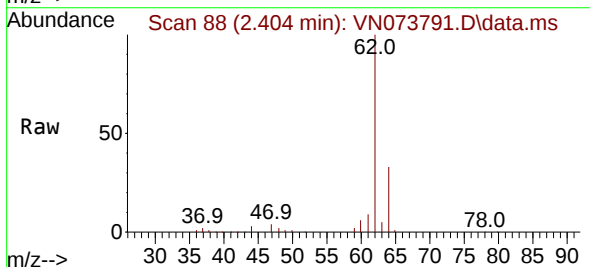
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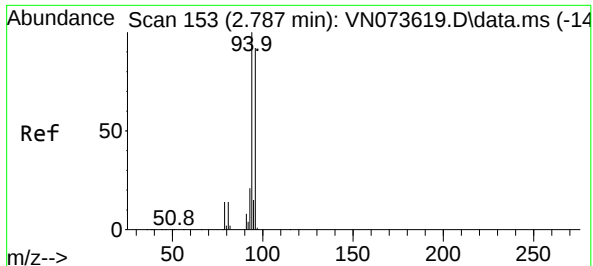
Reviewed By :John Carlone 08/10/2022
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#4
Vinyl Chloride
Concen: 39.139 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

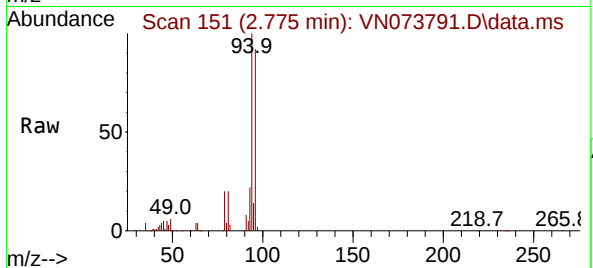
Tgt Ion: 62 Resp: 248365
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.4





#5
Bromomethane
Concen: 31.494 ug/l
RT: 2.775 min Scan# 115909
Delta R.T. -0.012 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

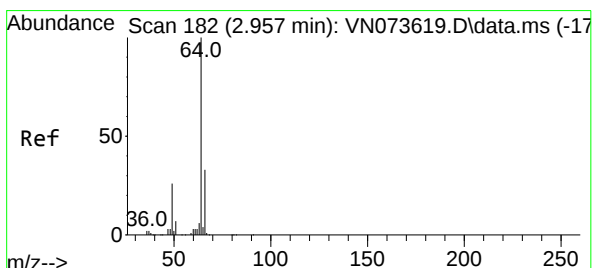
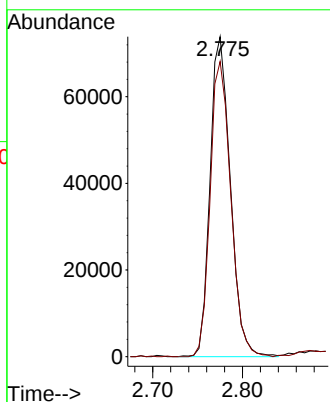
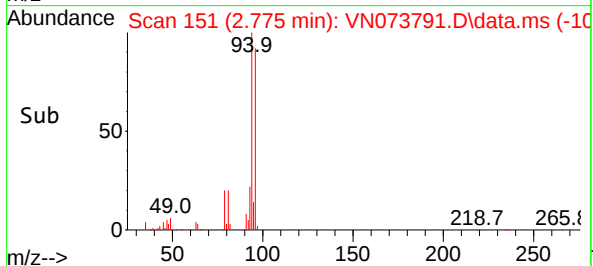
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Tgt Ion: 94 Resp: 115909
Ion Ratio Lower Upper
94 100
96 92.3 76.0 114.0

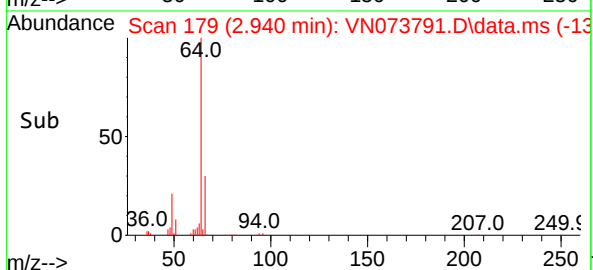
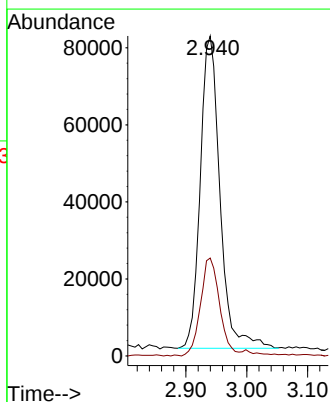
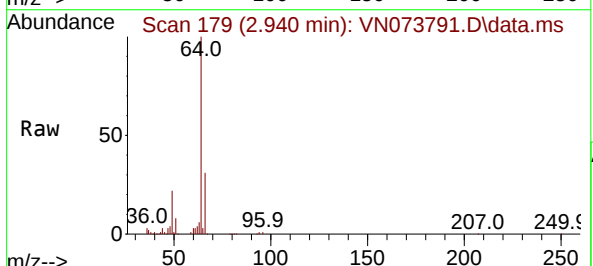
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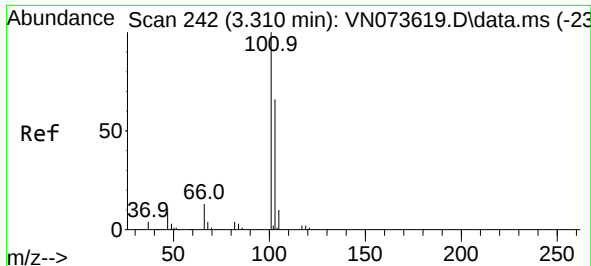
Reviewed By :John Carlone 08/10/2022
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#6
Chloroethane
Concen: 49.238 ug/l
RT: 2.940 min Scan# 179
Delta R.T. -0.017 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

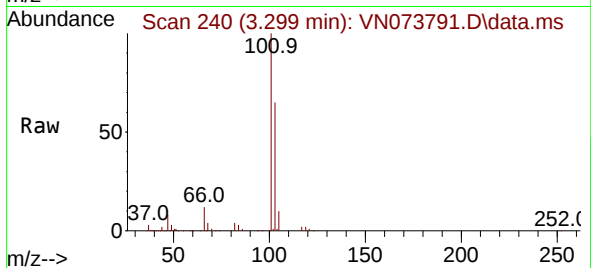
Tgt Ion: 64 Resp: 182361
Ion Ratio Lower Upper
64 100
66 31.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 58.475 ug/l
RT: 3.299 min Scan# 242
Delta R.T. -0.012 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

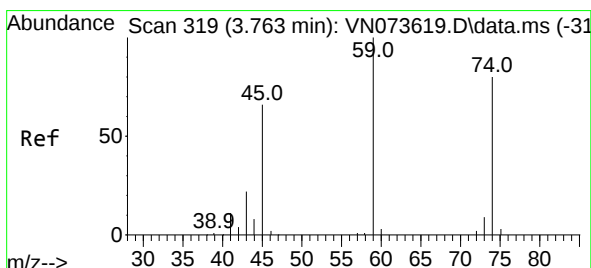
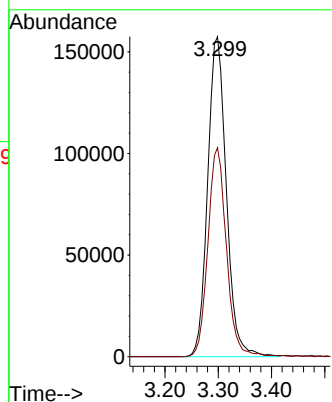
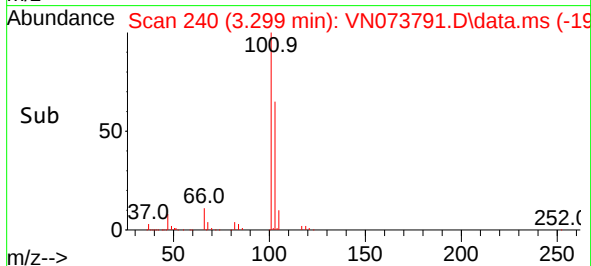
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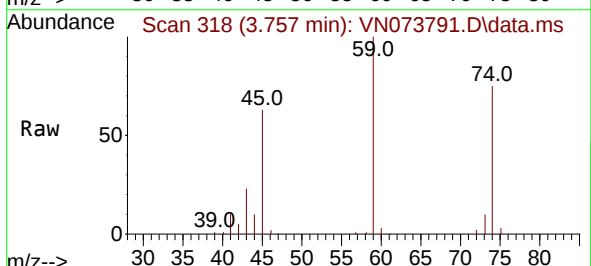
Tgt Ion:101 Resp: 38242
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

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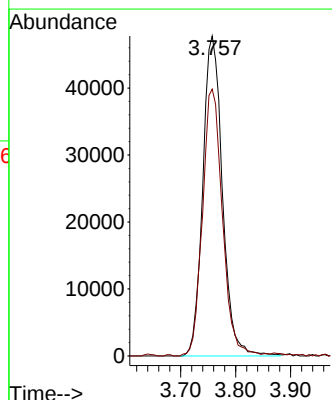
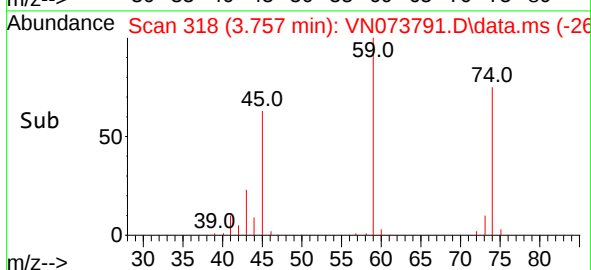
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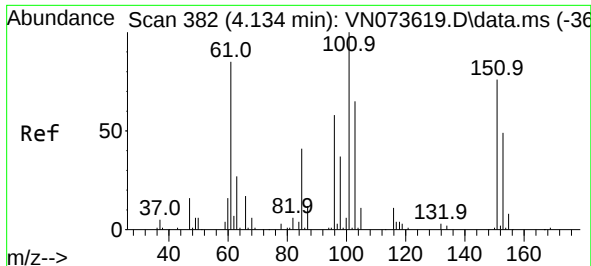


#8
Diethyl Ether
Concen: 48.269 ug/l
RT: 3.757 min Scan# 318
Delta R.T. -0.006 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07



Tgt Ion: 74 Resp: 118533
Ion Ratio Lower Upper
74 100
45 84.6 42.9 128.5





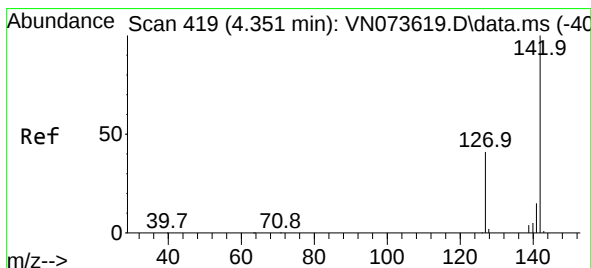
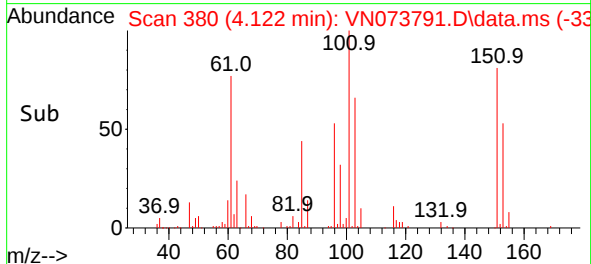
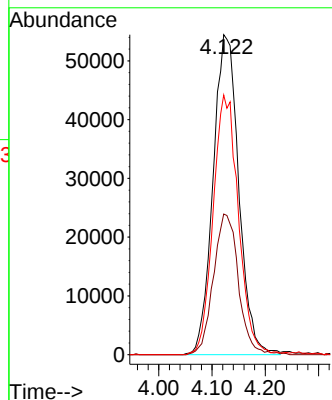
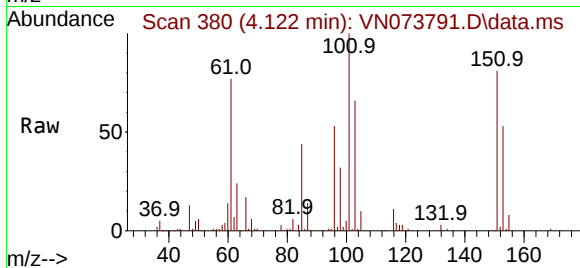
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.430 ug/l
RT: 4.122 min Scan# 380
Delta R.T. -0.012 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 18247
Ion Ratio Lower Upper
101 100
85 42.8 34.7 52.1
151 79.8 63.0 94.4

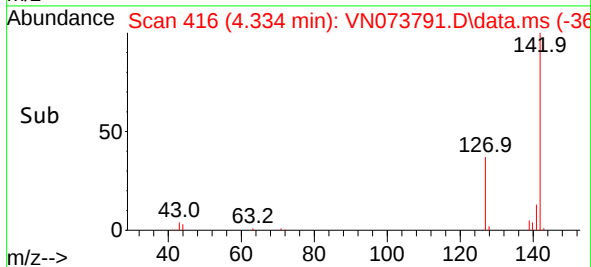
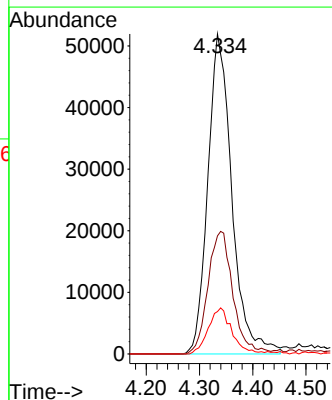
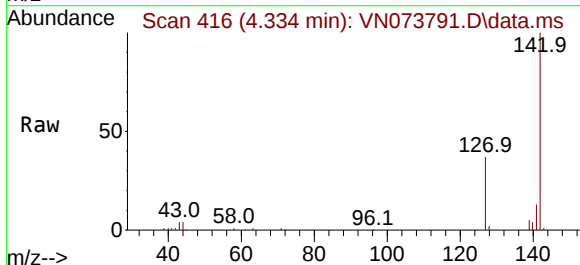
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#10
Methyl Iodide
Concen: 44.258 ug/l
RT: 4.334 min Scan# 416
Delta R.T. -0.018 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

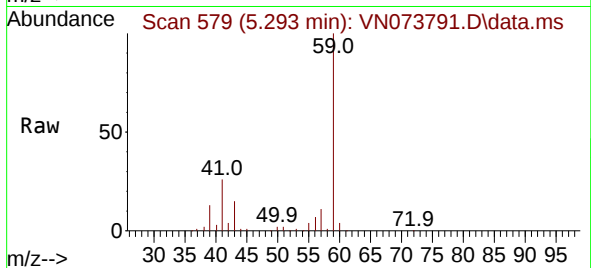
Tgt Ion:142 Resp: 162801
Ion Ratio Lower Upper
142 100
127 39.7 31.3 46.9
141 13.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 263.069 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.001 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

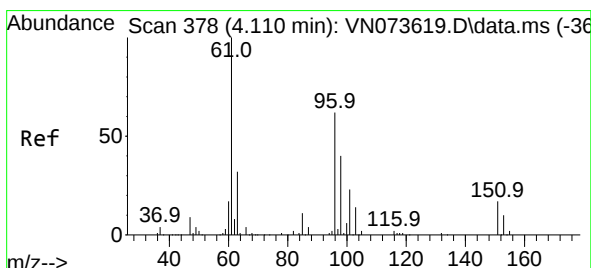
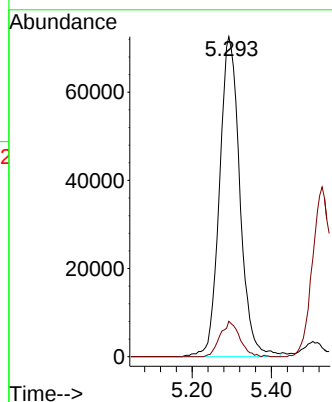
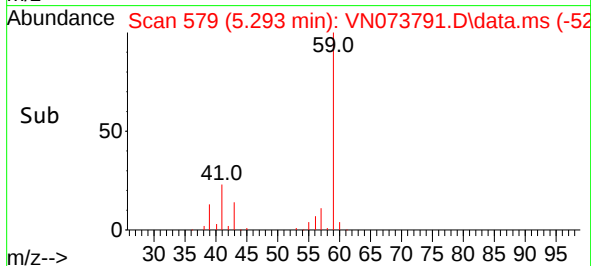
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 25864
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

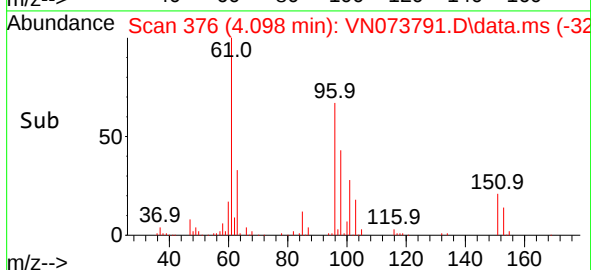
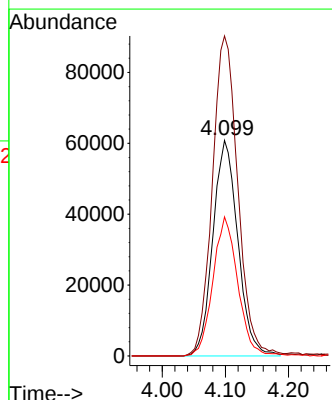
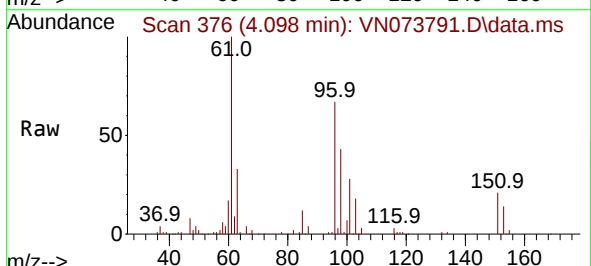
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#12
1,1-Dichloroethene
Concen: 47.107 ug/l
RT: 4.098 min Scan# 376
Delta R.T. -0.012 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

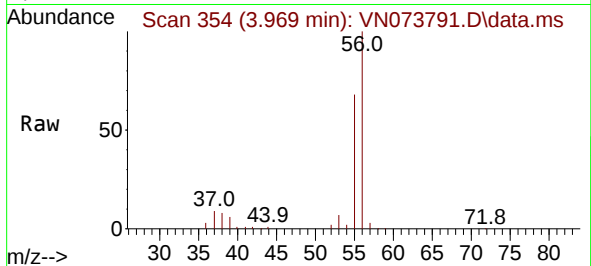
Tgt Ion: 96 Resp: 167191
Ion Ratio Lower Upper
96 100
61 148.4 127.6 191.4
98 64.5 51.2 76.8





#13
Acrolein
Concen: 260.027 ug/l
RT: 3.969 min Scan# 354
Delta R.T. -0.012 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

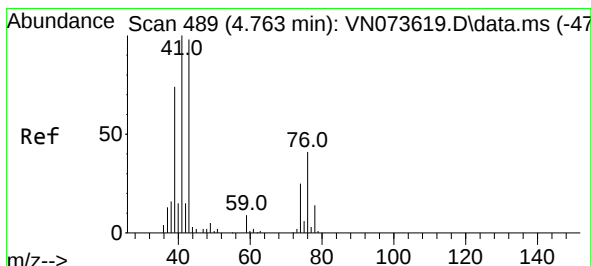
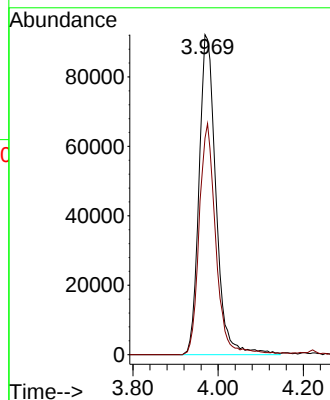
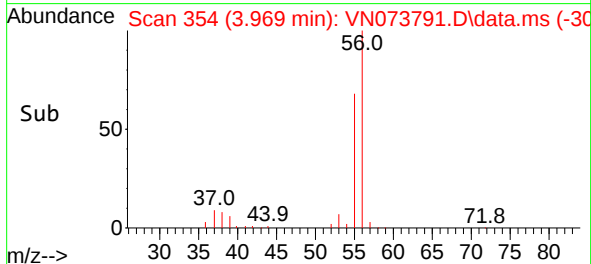
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 253450
Ion Ratio Lower Upper
56 100
55 71.2 54.8 82.2

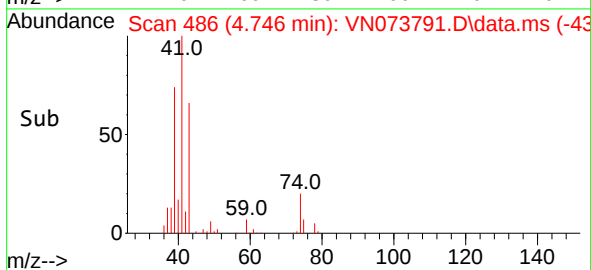
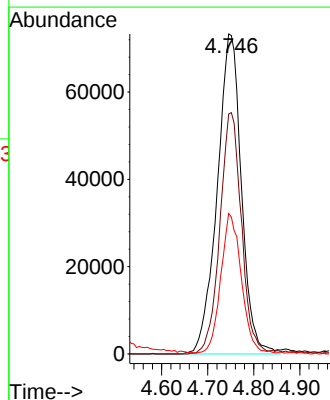
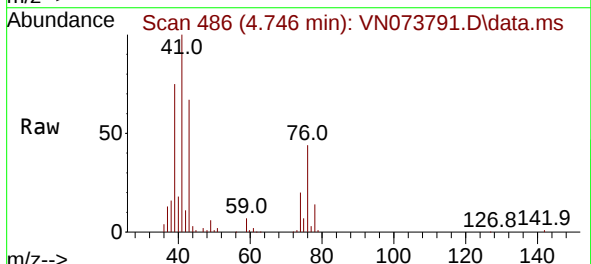
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#14
Allyl chloride
Concen: 47.022 ug/l
RT: 4.746 min Scan# 486
Delta R.T. -0.018 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

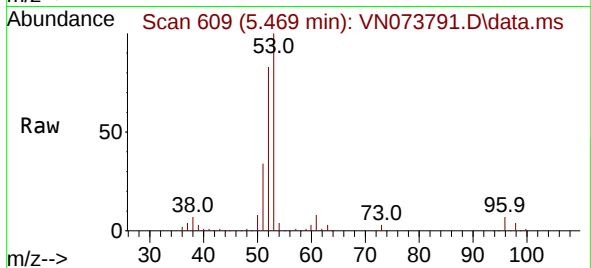
Tgt Ion: 41 Resp: 266820
Ion Ratio Lower Upper
41 100
39 67.2 53.2 79.8
76 36.9 29.9 44.9





#15
Acrylonitrile
Concen: 260.093 ug/l
RT: 5.469 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

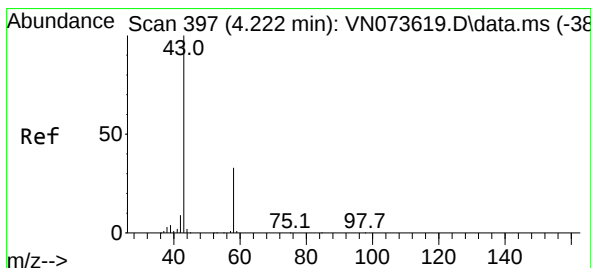
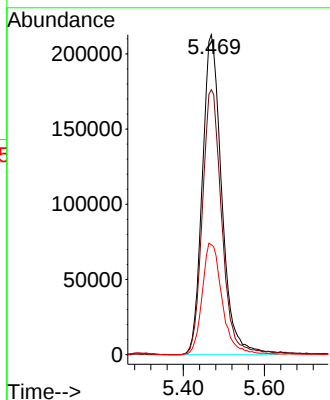
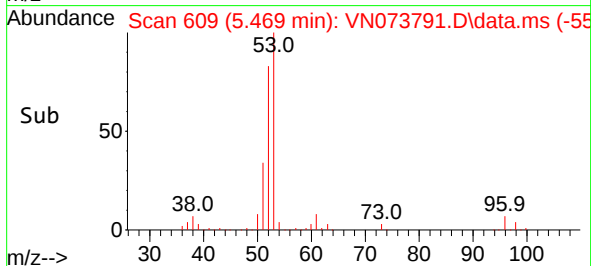
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 70735
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 35.7 28.5 42.7

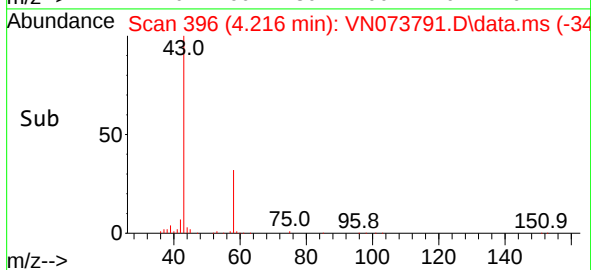
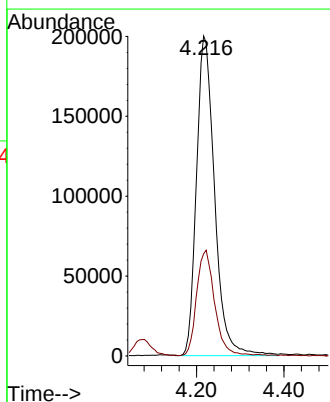
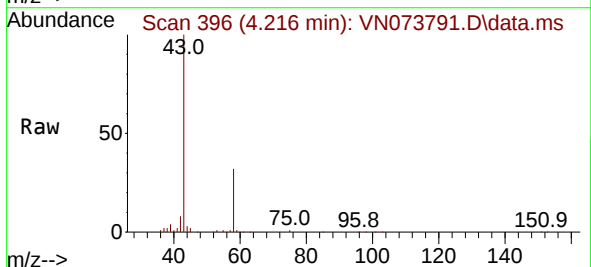
Manual Integrations
APPROVED

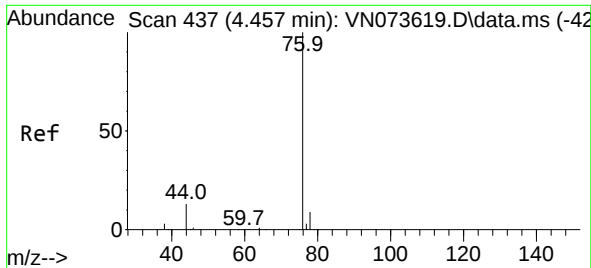
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#16
Acetone
Concen: 235.987 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

Tgt Ion: 43 Resp: 577830
Ion Ratio Lower Upper
43 100
58 31.9 26.0 39.0





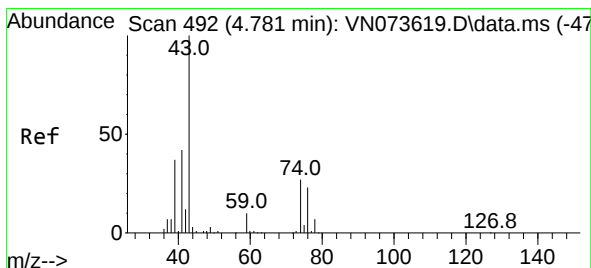
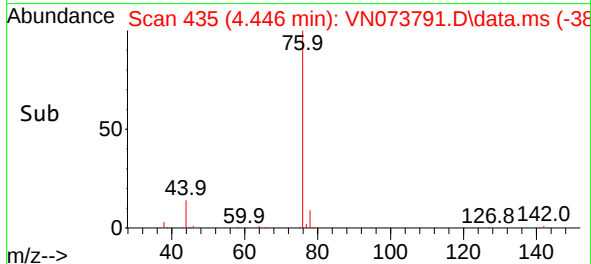
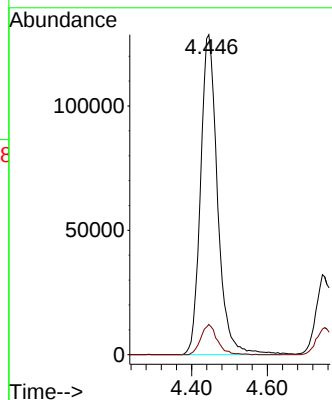
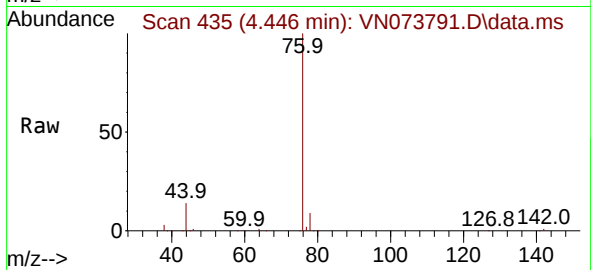
#17
Carbon Disulfide
Concen: 42.693 ug/l
RT: 4.446 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 401772
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

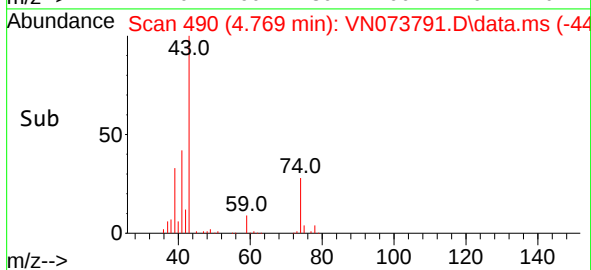
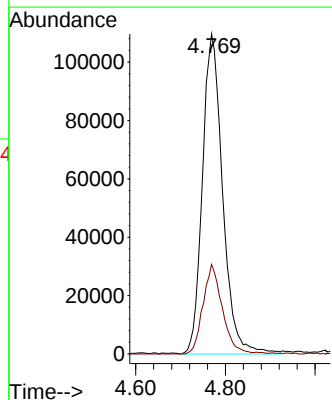
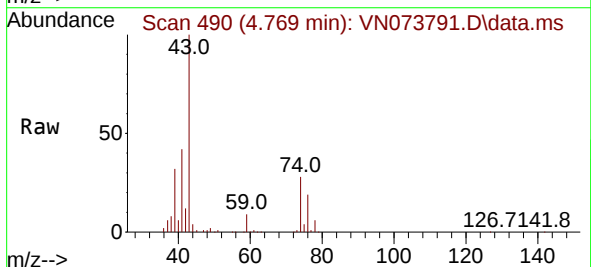
Manual Integrations
APPROVED

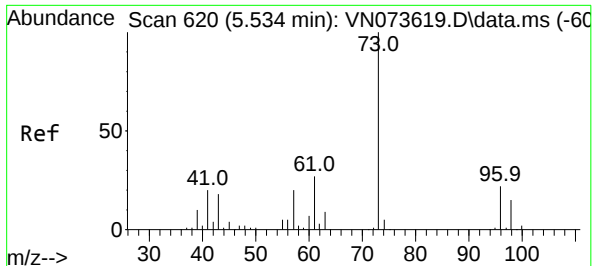
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#18
Methyl Acetate
Concen: 56.367 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.012 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

Tgt Ion: 43 Resp: 343370
Ion Ratio Lower Upper
43 100
74 26.5 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 52.138 ug/l

RT: 5.528 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN073791.D

Acq: 09 Aug 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 632174

Ion Ratio Lower Upper

73 100

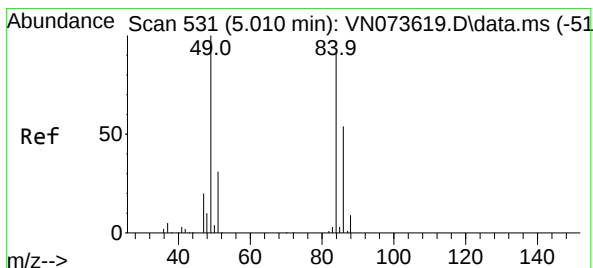
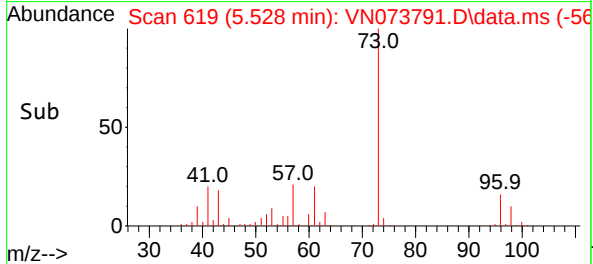
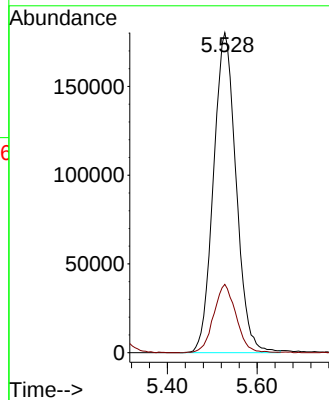
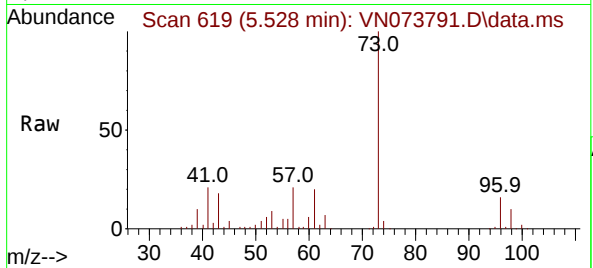
57 21.4 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#20

Methylene Chloride

Concen: 54.729 ug/l

RT: 5.004 min Scan# 530

Delta R.T. -0.006 min

Lab File: VN073791.D

Acq: 09 Aug 2022 17:07

Tgt Ion: 84 Resp: 215963

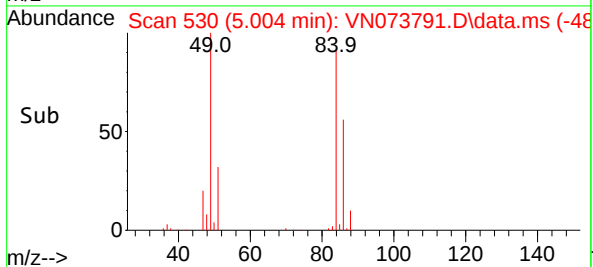
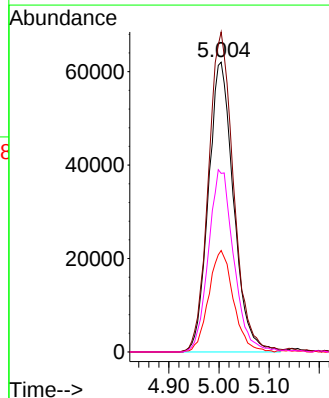
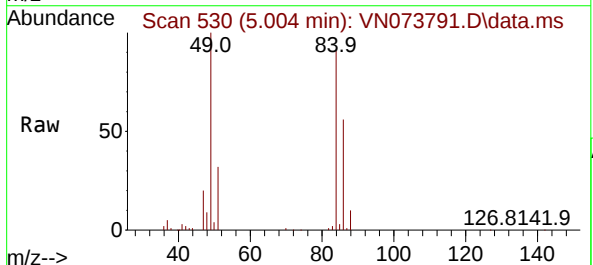
Ion Ratio Lower Upper

84 100

49 110.4 88.3 132.5

51 35.0 28.2 42.2

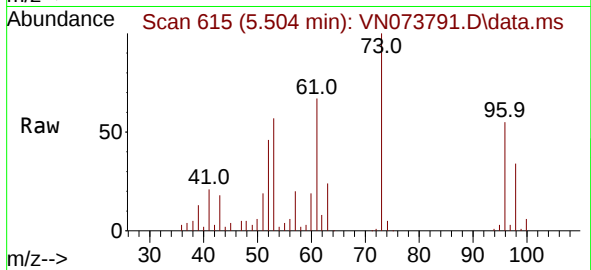
86 61.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 48.627 ug/l
RT: 5.504 min Scan# 615
Delta R.T. -0.012 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

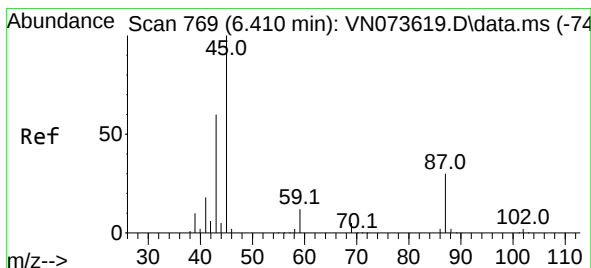
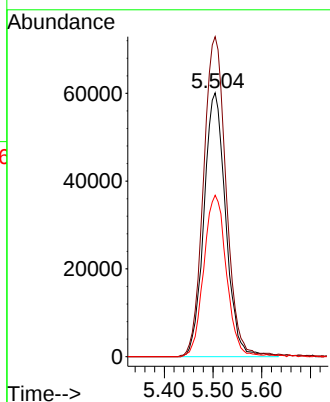
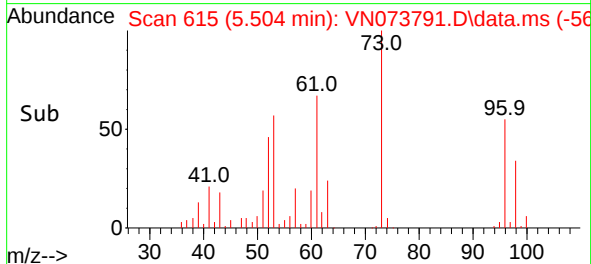
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



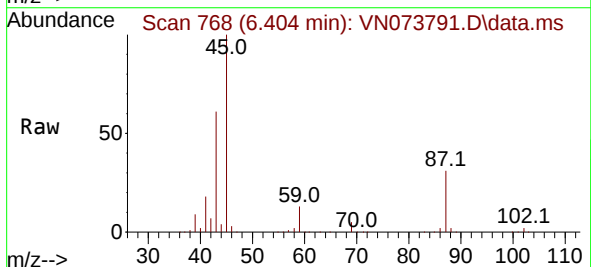
Tgt Ion: 96 Resp: 186825
Ion Ratio Lower Upper
96 100
61 121.3 105.8 158.8
98 61.2 50.3 75.5

Manual Integrations
APPROVED

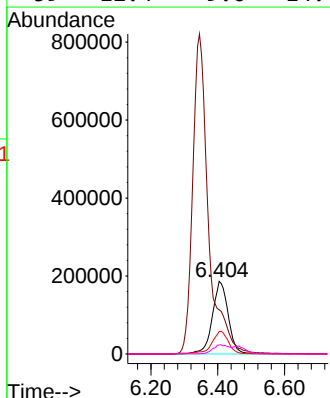
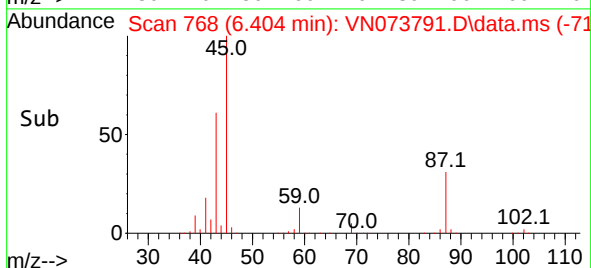
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

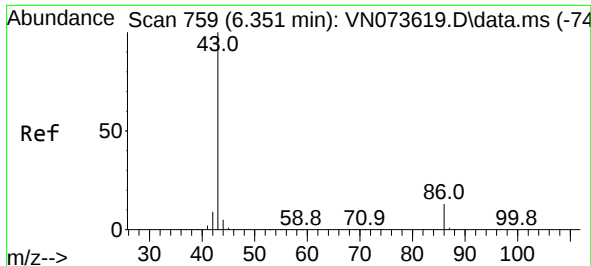


#22
Diisopropyl ether
Concen: 50.194 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07



Tgt Ion: 45 Resp: 614486
Ion Ratio Lower Upper
45 100
43 60.0 46.6 70.0
87 30.6 24.3 36.5
59 12.4 9.6 14.4





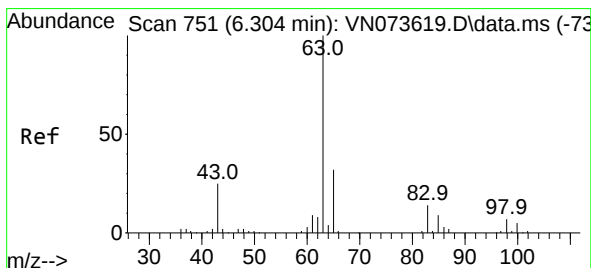
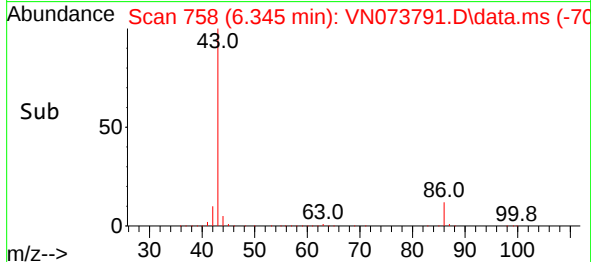
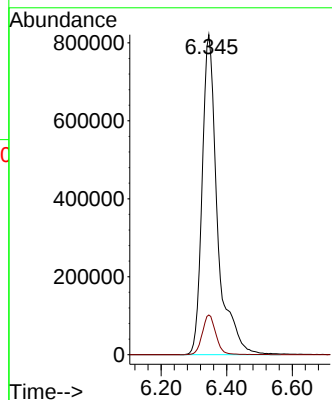
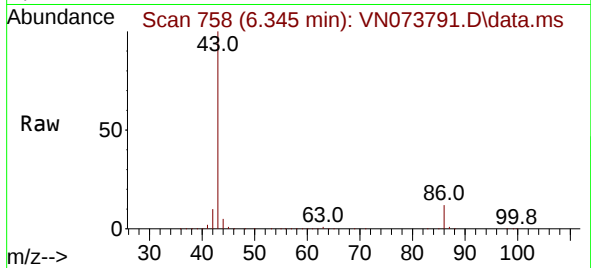
#23
 Vinyl Acetate
 Concen: 260.240 ug/l
 RT: 6.345 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN073791.D
 Acq: 09 Aug 2022 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 267107
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.0 15.0

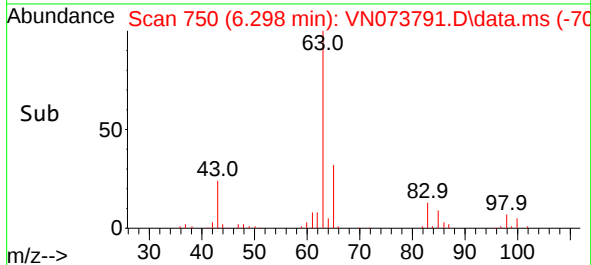
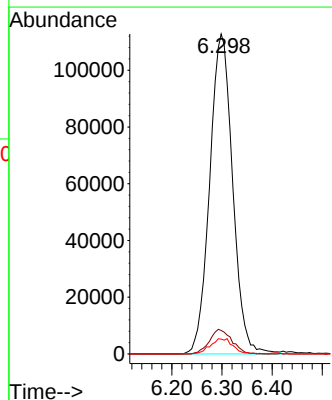
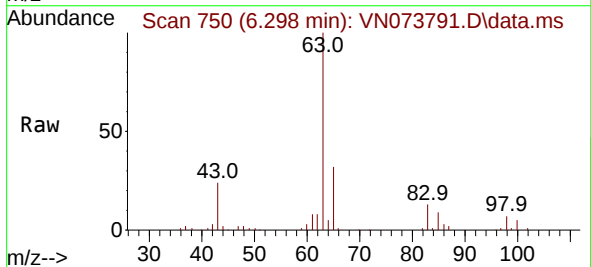
Manual Integrations
 APPROVED

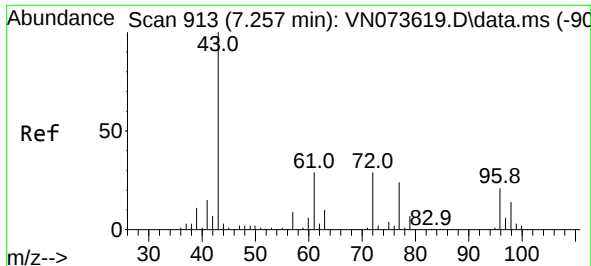
Reviewed By :John Carlone 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#24
 1,1-Dichloroethane
 Concen: 47.551 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073791.D
 Acq: 09 Aug 2022 17:07

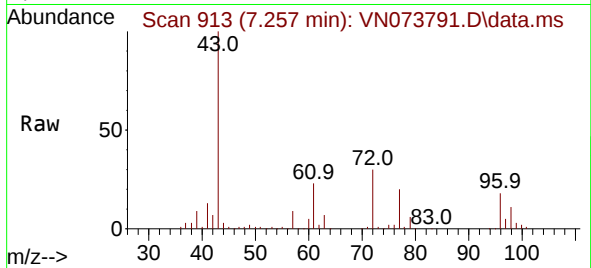
Tgt Ion: 63 Resp: 358125
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.7 2.3 6.8





#25
2-Butanone
Concen: 254.439 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

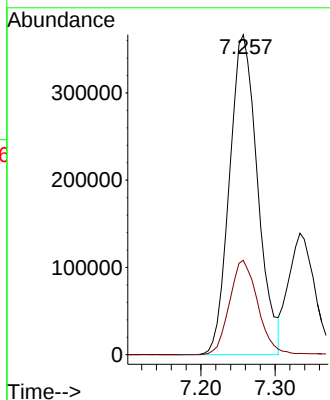
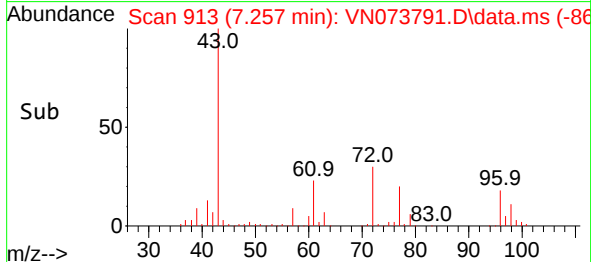
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



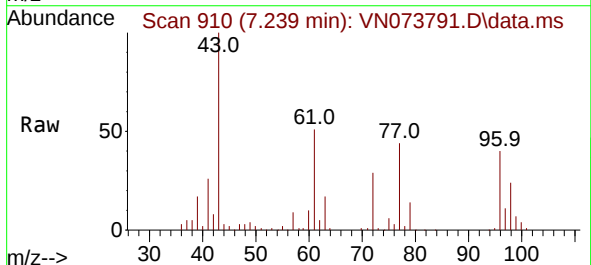
Tgt Ion: 43 Resp: 967520
Ion Ratio Lower Upper
43 100
72 29.5 23.7 35.5

Manual Integrations
APPROVED

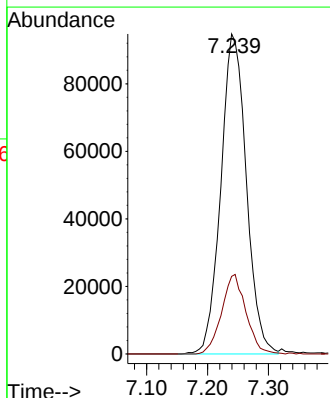
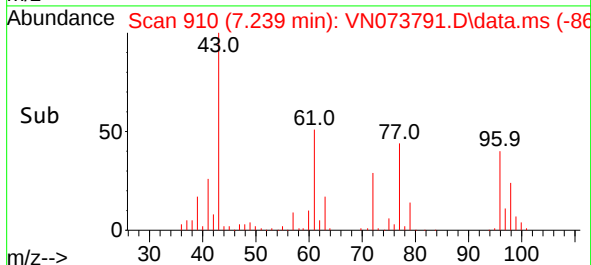
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#26
2,2-Dichloropropane
Concen: 47.606 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.012 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07



Tgt Ion: 77 Resp: 275851
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.2





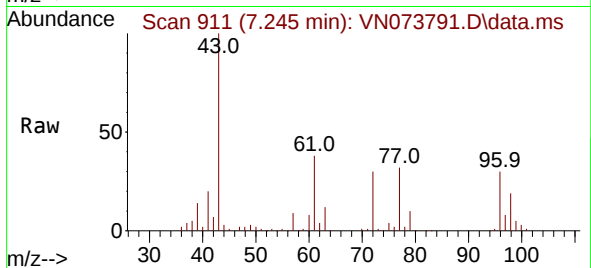
#27
 cis-1,2-Dichloroethene
 Concen: 50.302 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073791.D
 Acq: 09 Aug 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



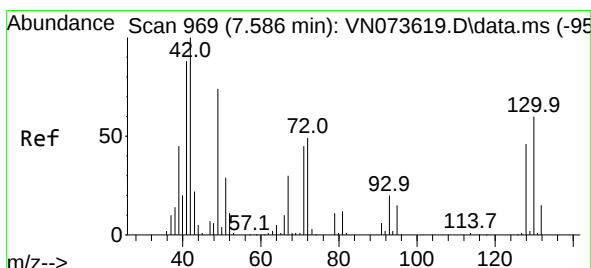
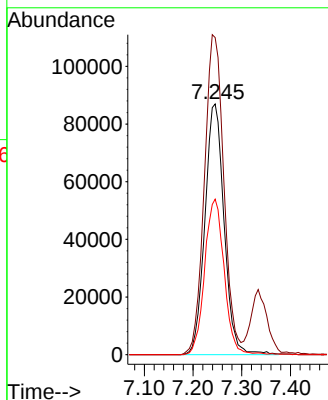
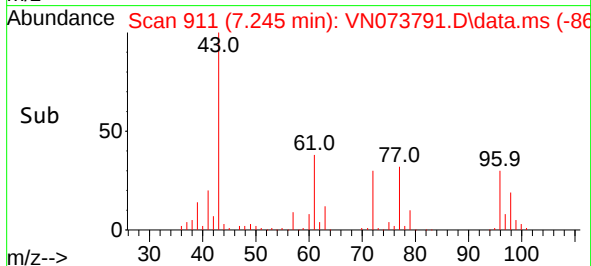
Tgt Ion: 96 Resp: 23811
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 280.6
 98 62.5 0.0 128.4

Manual Integrations

APPROVED

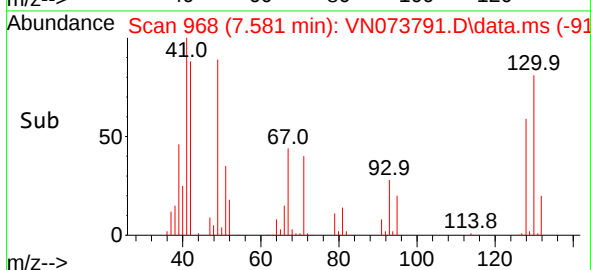
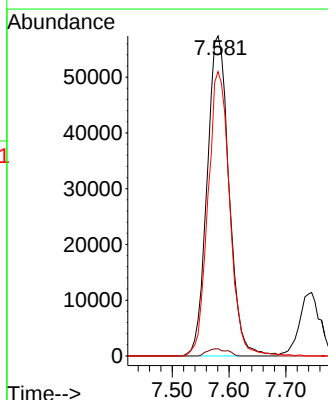
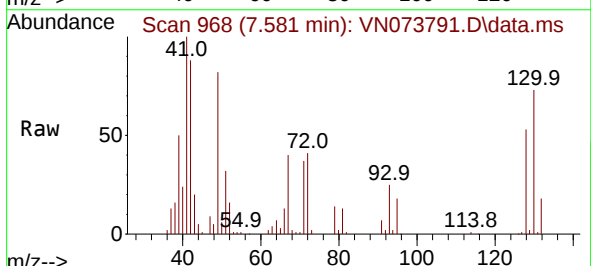
Reviewed By :John Carlone 08/10/2022

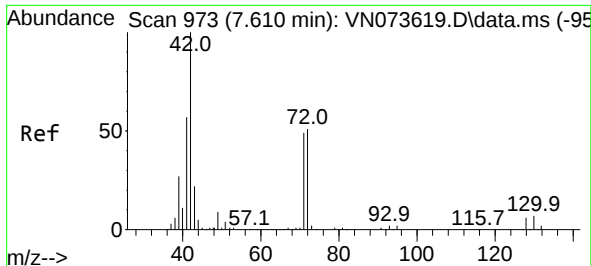
Supervised By :Mahesh Dadoda 08/11/2022



#28
 Bromochloromethane
 Concen: 48.734 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073791.D
 Acq: 09 Aug 2022 17:07

Tgt Ion: 49 Resp: 154109
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 87.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 258.488 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073791.D

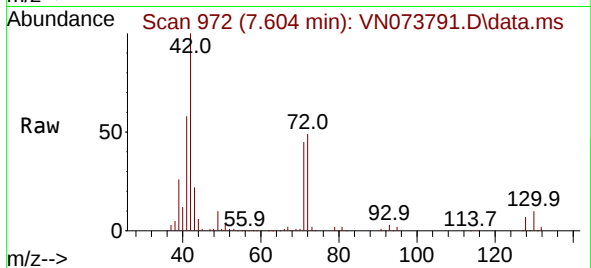
Acq: 09 Aug 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



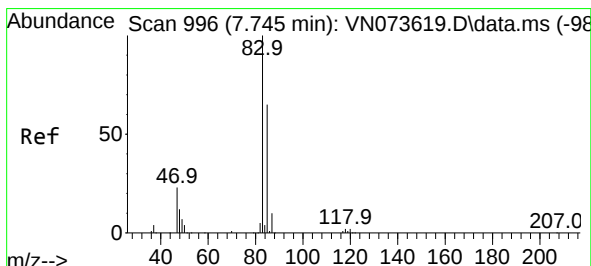
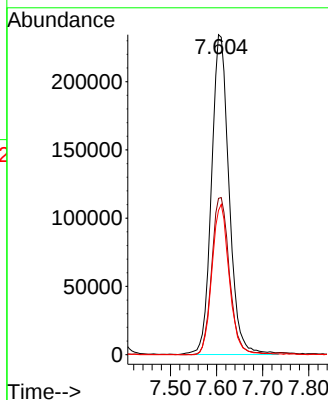
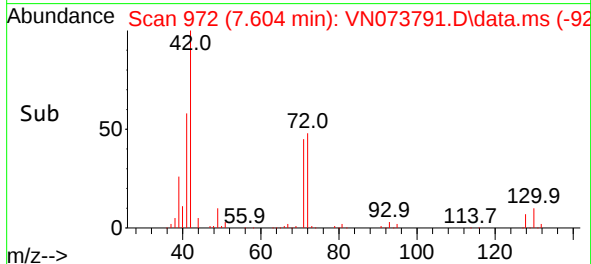
Tgt Ion:	42	Ratio	100	Lower	Upper
42	100				
72	49.8		39.7	59.5	
71	46.3		36.6	55.0	

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#30

Chloroform

Concen: 48.989 ug/l

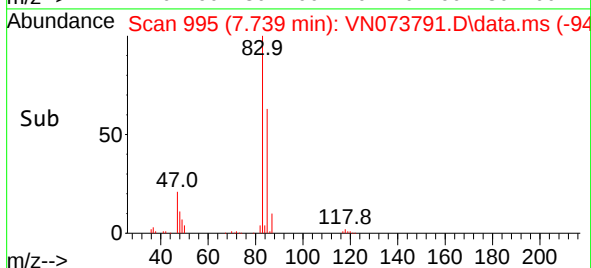
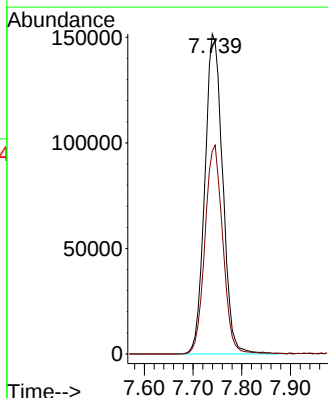
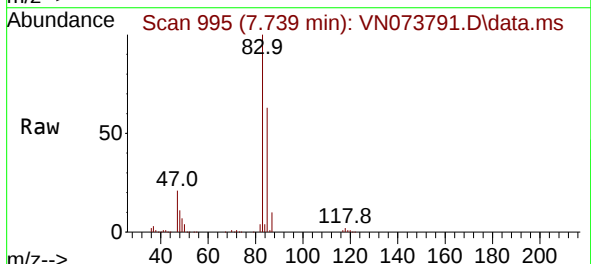
RT: 7.739 min Scan# 995

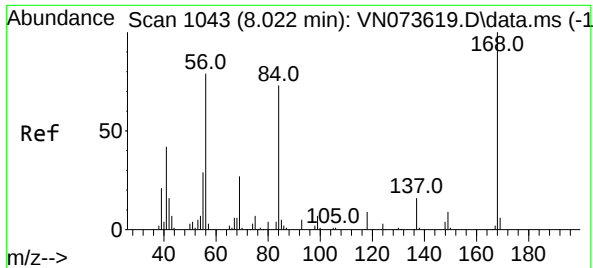
Delta R.T. -0.006 min

Lab File: VN073791.D

Acq: 09 Aug 2022 17:07

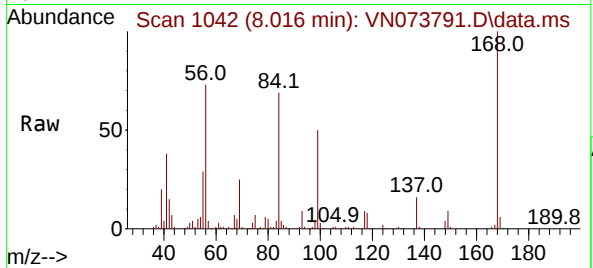
Tgt Ion:	83	Ratio	100	Lower	Upper
83	100				
85	63.4		51.8	77.8	





#31
Cyclohexane
Concen: 44.381 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

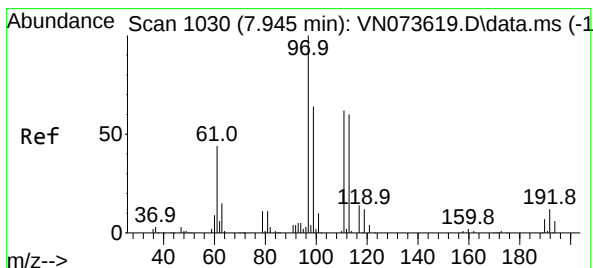
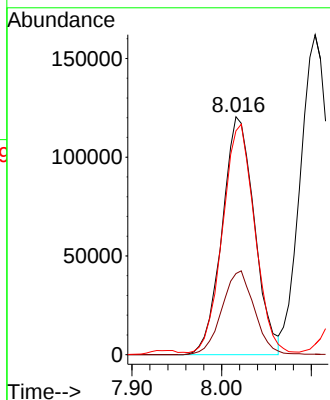
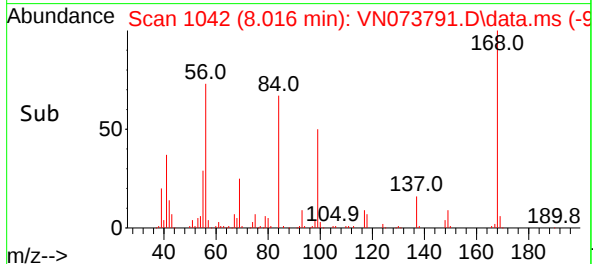
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



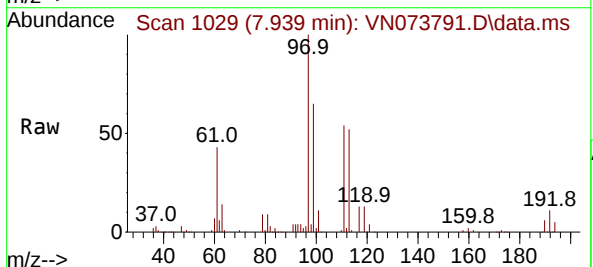
Tgt Ion: 56 Resp: 301215
Ion Ratio Lower Upper
56 100
69 34.1 27.8 41.8
84 93.1 76.9 115.3

Manual Integrations
APPROVED

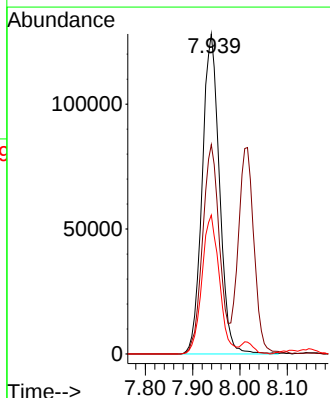
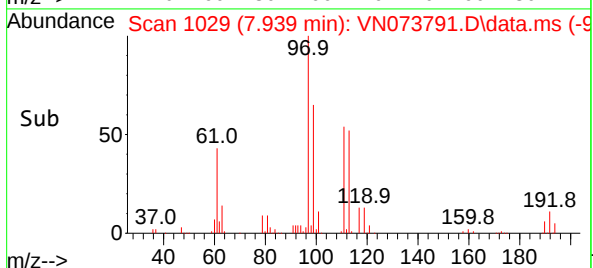
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

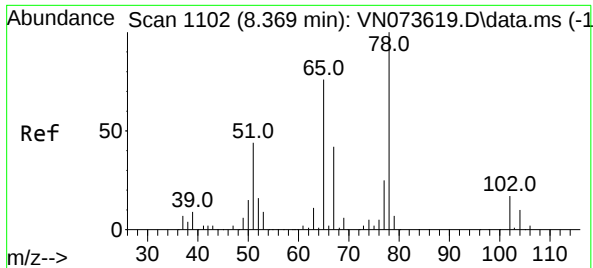


#32
1,1,1-Trichloroethane
Concen: 49.835 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07



Tgt Ion: 97 Resp: 324696
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 43.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 48.066 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073791.D

Acq: 09 Aug 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 21912

Ion Ratio Lower Upper

65 100

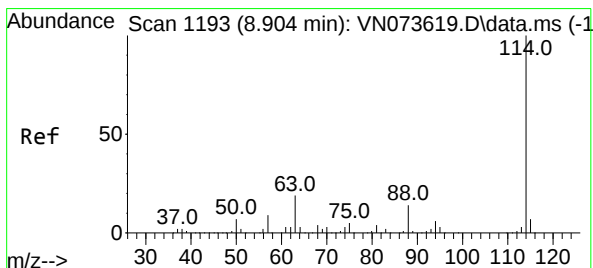
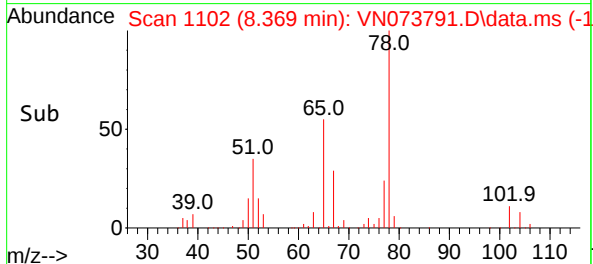
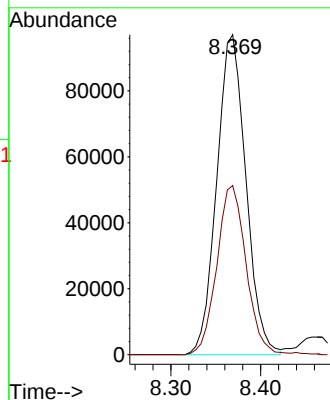
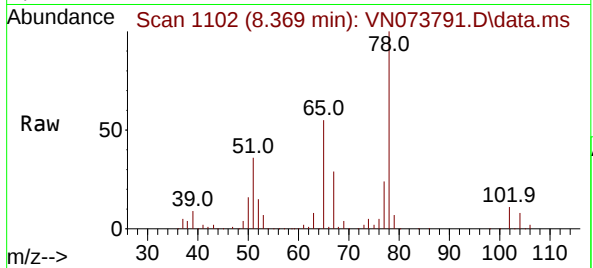
67 52.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073791.D

Acq: 09 Aug 2022 17:07

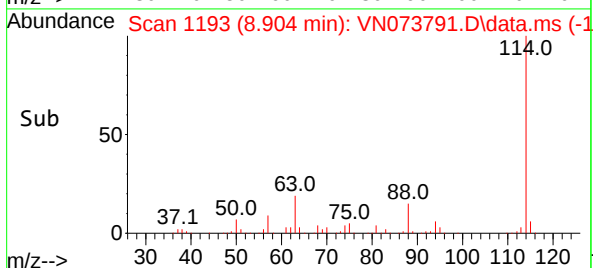
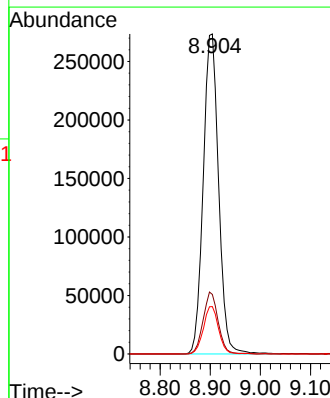
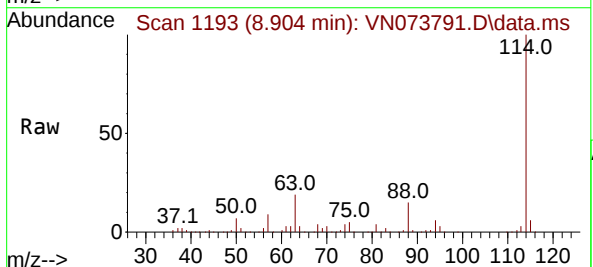
Tgt Ion:114 Resp: 582524

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.620 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073791.D

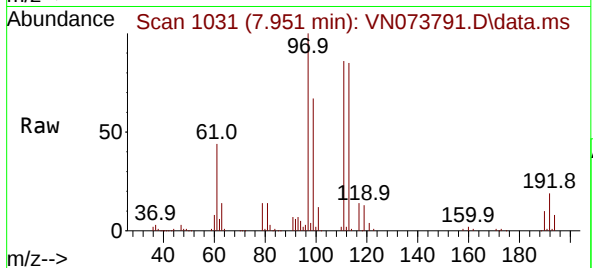
Acq: 09 Aug 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



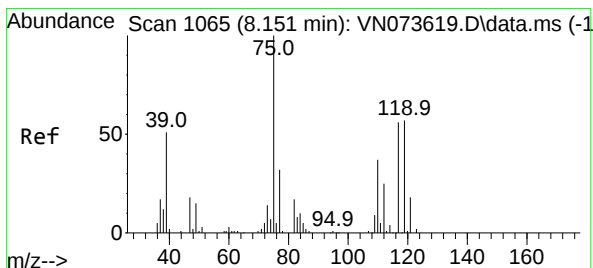
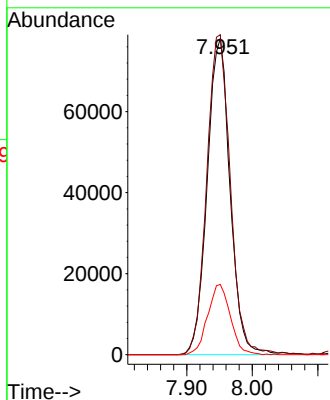
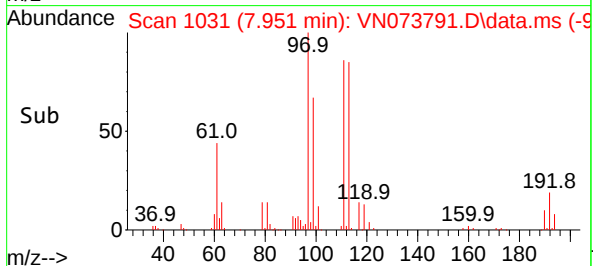
Tgt Ion:	113	Resp:	18882
Ion Ratio	100	Lower	Upper
113	100		
111	104.5	81.4	122.0
192	22.1	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#36

1,1-Dichloropropene

Concen: 51.535 ug/l

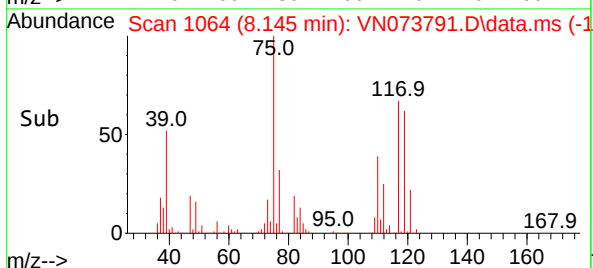
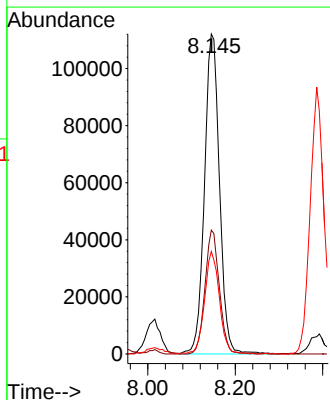
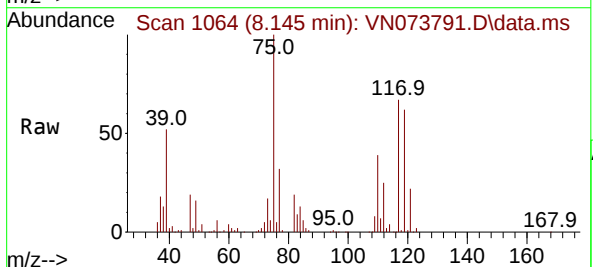
RT: 8.145 min Scan# 1064

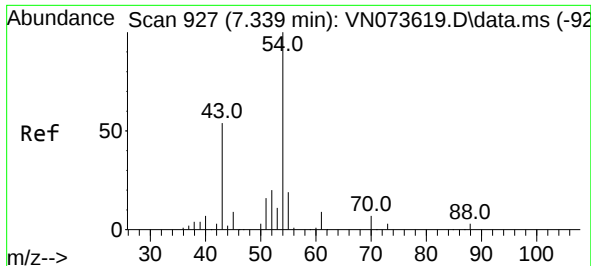
Delta R.T. -0.006 min

Lab File: VN073791.D

Acq: 09 Aug 2022 17:07

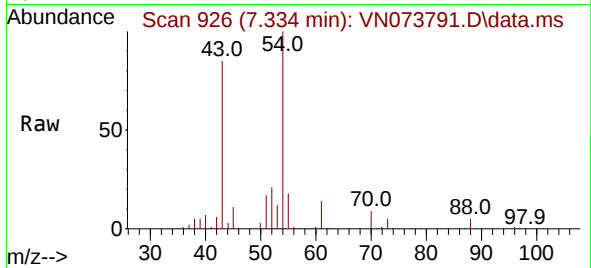
Tgt Ion:	75	Resp:	268671
Ion Ratio	100	Lower	Upper
75	100		
110	37.0	18.3	54.8
77	31.5	25.1	37.7





#37
Ethyl Acetate
Concen: 52.209 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

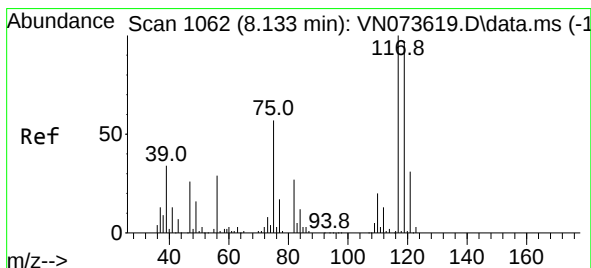
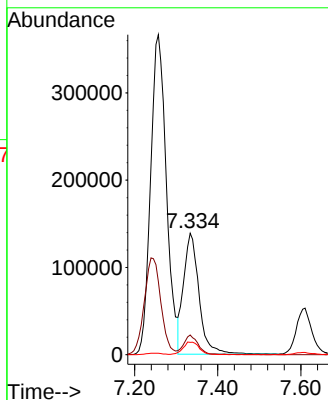
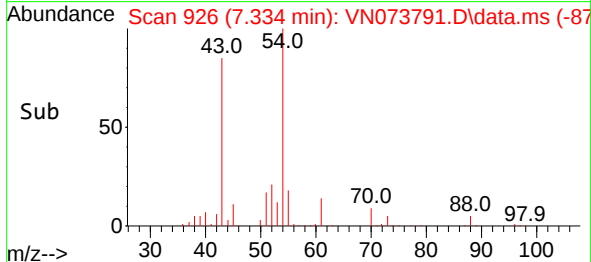
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 358458
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 11.0 9.3 13.9

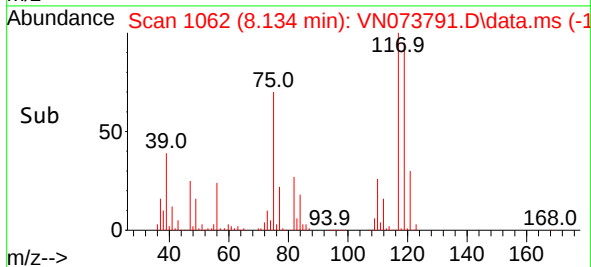
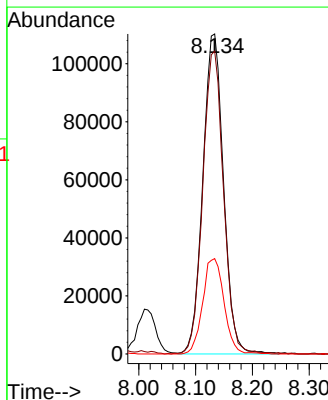
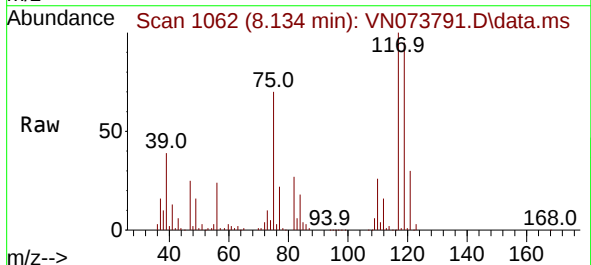
Manual Integrations
APPROVED

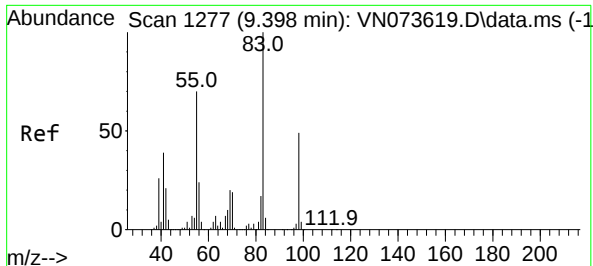
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#38
Carbon Tetrachloride
Concen: 52.680 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

Tgt Ion:117 Resp: 278937
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
121 29.8 24.6 37.0





#39

Methylcyclohexane

Concen: 53.638 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073791.D

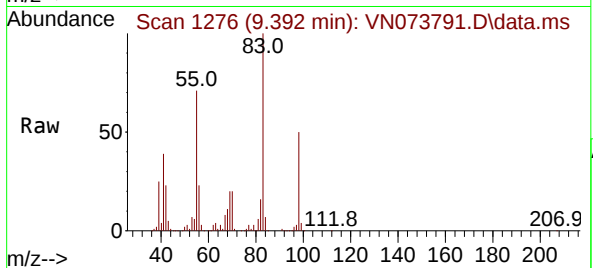
Acq: 09 Aug 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



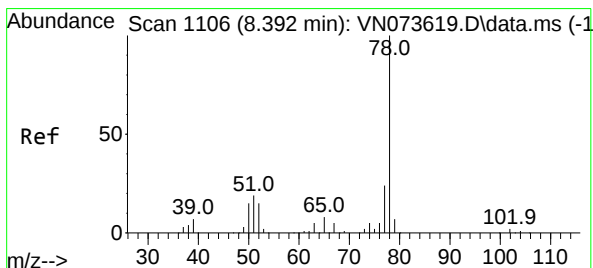
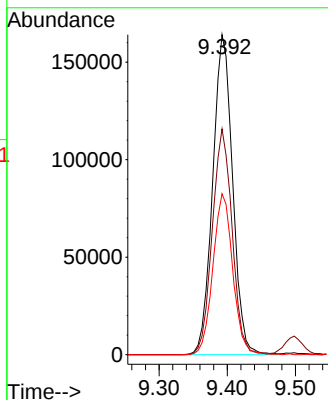
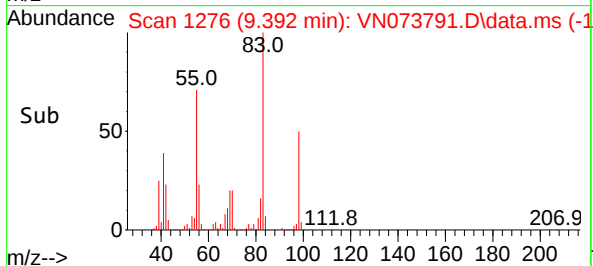
Tgt Ion:	83	Resp:	33415
Ion Ratio	Lower	Upper	
83	100		
55	70.5	57.8	86.8
98	50.3	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#40

Benzene

Concen: 51.016 ug/l

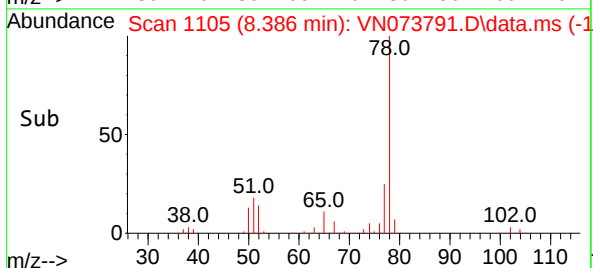
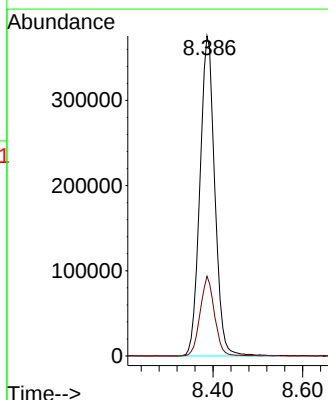
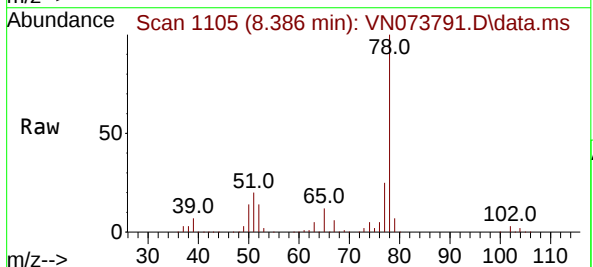
RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073791.D

Acq: 09 Aug 2022 17:07

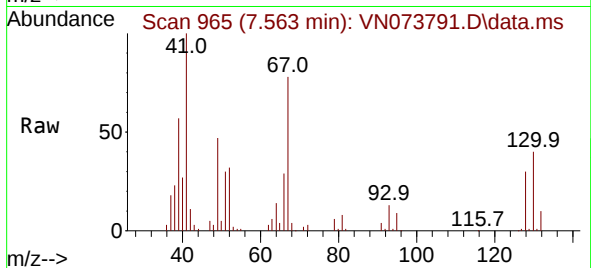
Tgt Ion:	78	Resp:	863658
Ion Ratio	Lower	Upper	
78	100		
77	24.9	19.4	29.0





#41
Methacrylonitrile
Concen: 51.541 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

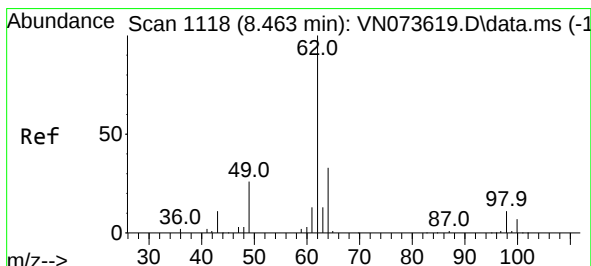
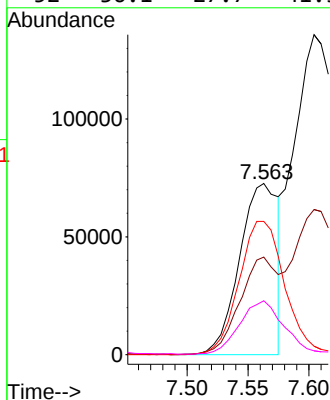
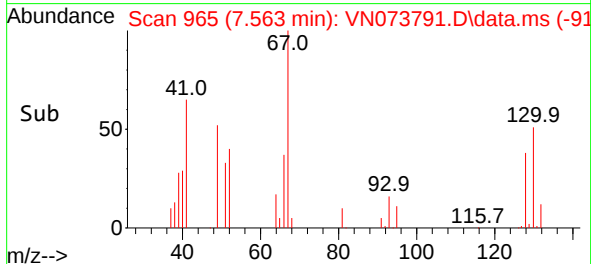
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 16012
Ion Ratio Lower Upper
41 100
39 55.1 48.6 73.0
67 93.5 73.4 110.2
52 36.1 27.7 41.5

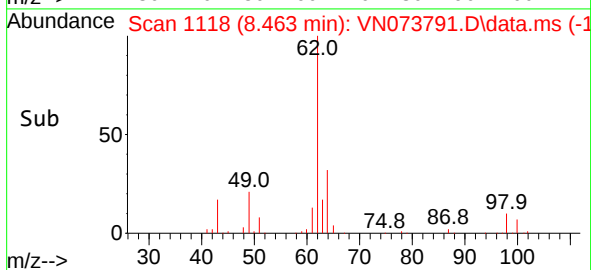
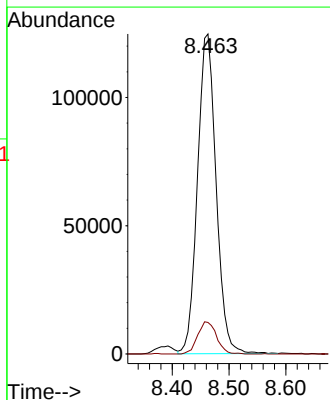
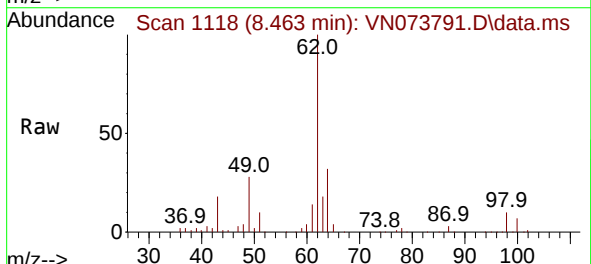
Manual Integrations
APPROVED

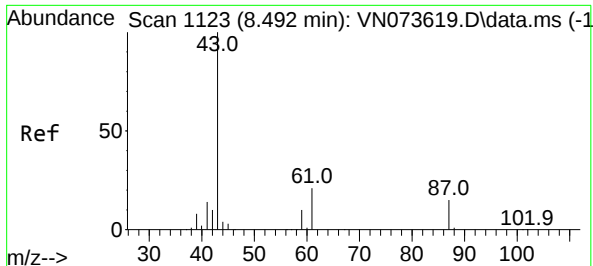
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#42
1,2-Dichloroethane
Concen: 49.782 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

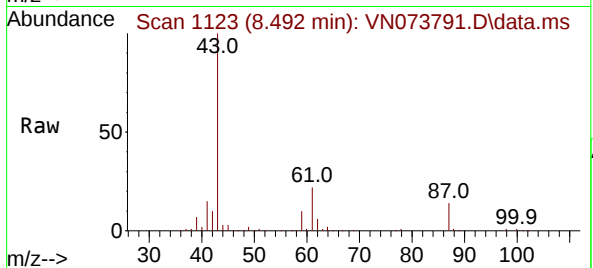
Tgt Ion: 62 Resp: 284033
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 54.606 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

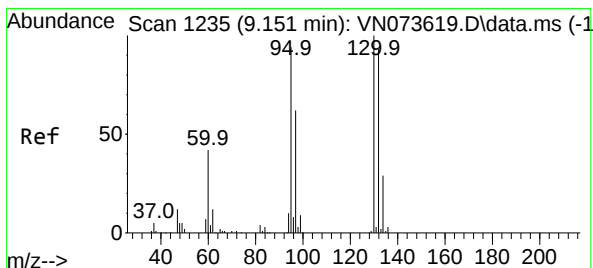
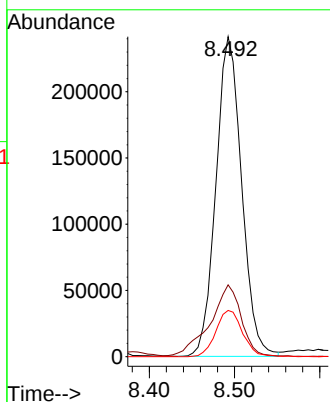
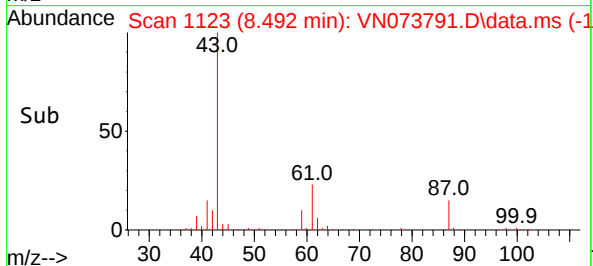
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 506389
Ion Ratio Lower Upper
43 100
61 27.3 21.9 32.9
87 15.0 12.0 18.0

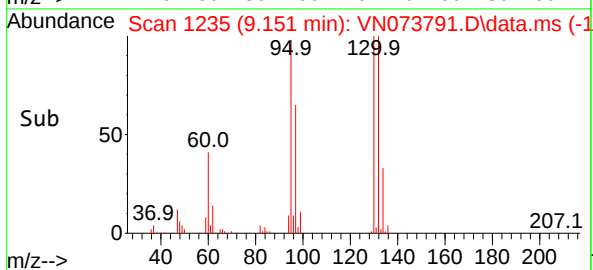
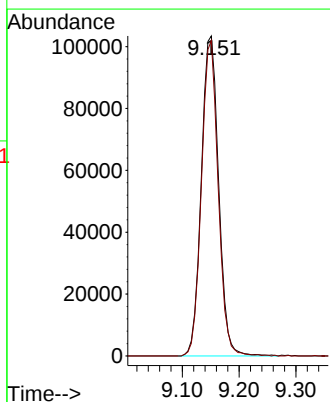
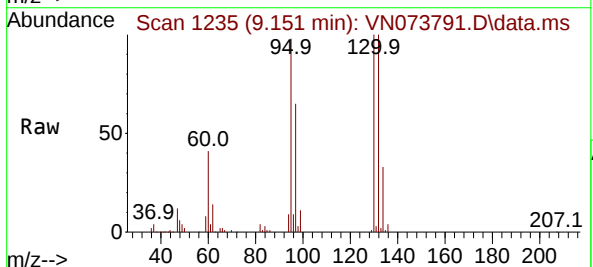
Manual Integrations
APPROVED

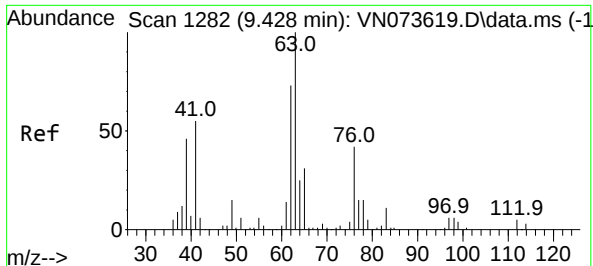
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#44
Trichloroethene
Concen: 50.985 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

Tgt Ion:130 Resp: 218884
Ion Ratio Lower Upper
130 100
95 98.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 51.460 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073791.D

Acq: 09 Aug 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 217754

Ion Ratio Lower Upper

63 100

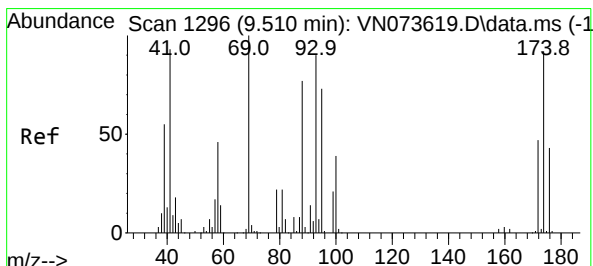
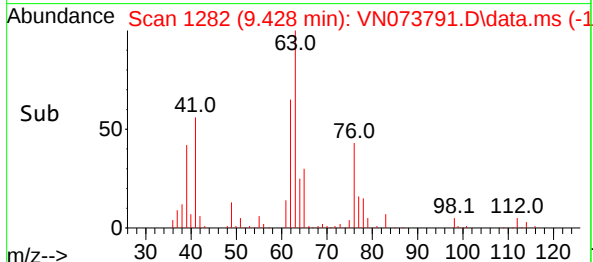
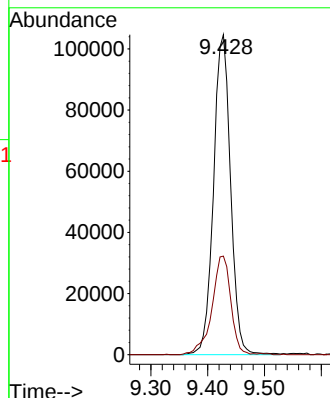
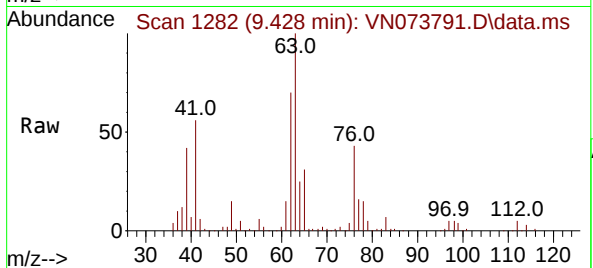
65 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#46

Dibromomethane

Concen: 53.739 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073791.D

Acq: 09 Aug 2022 17:07

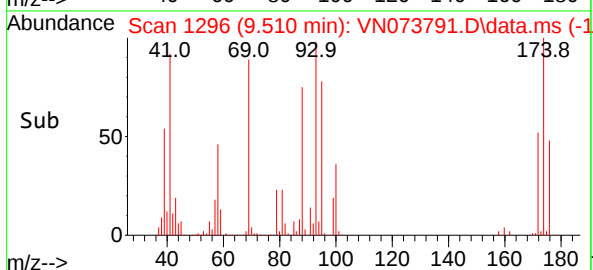
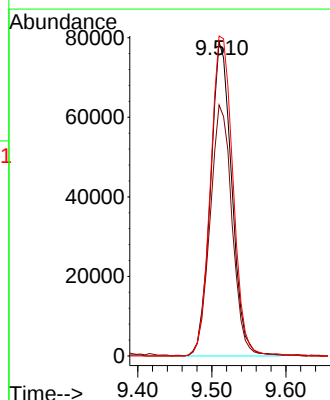
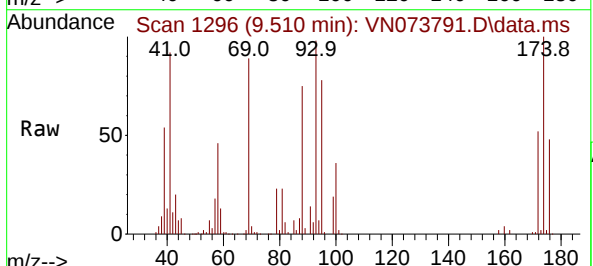
Tgt Ion: 93 Resp: 157825

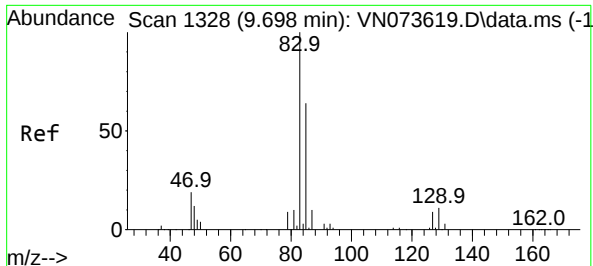
Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

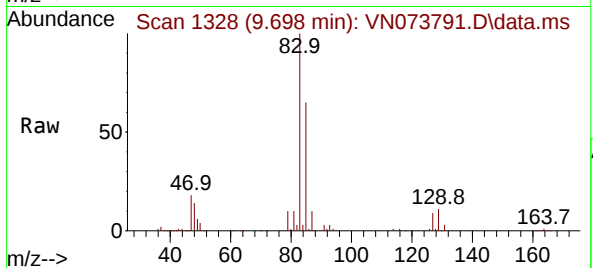
174 107.2 86.6 130.0





#47
Bromodichloromethane
Concen: 53.700 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

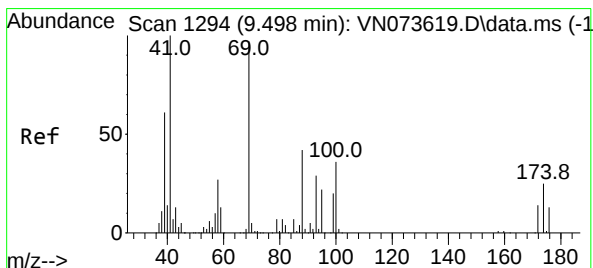
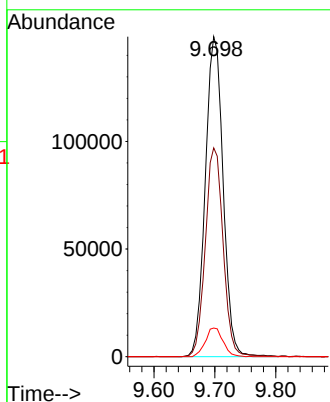
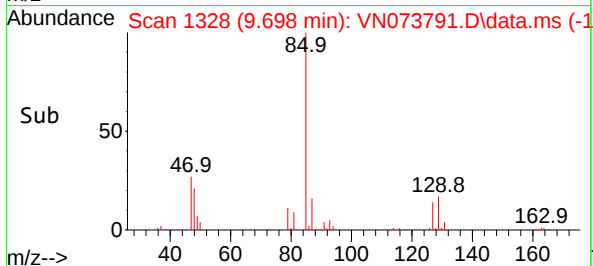
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



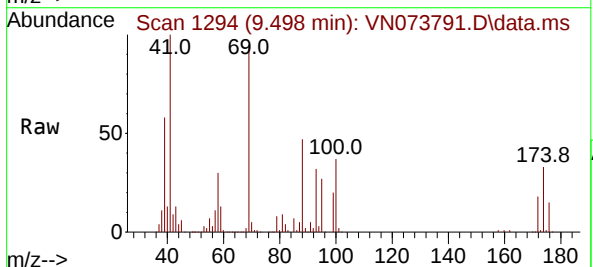
Tgt Ion: 83 Resp: 302694
Ion Ratio Lower Upper
83 100
85 65.2 50.5 75.7
127 9.0 6.8 10.2

Manual Integrations
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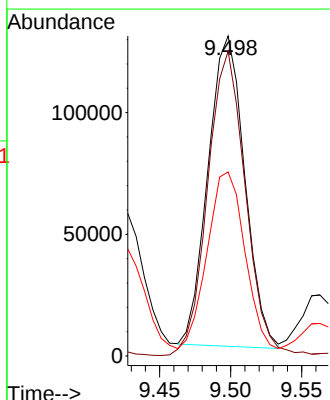
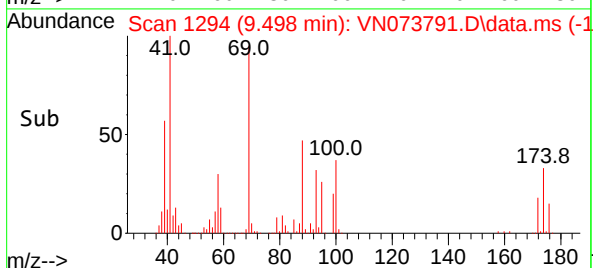
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

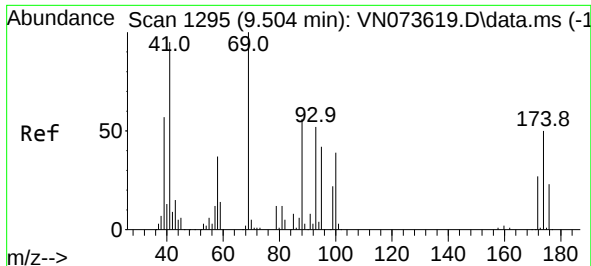


#48
Methyl methacrylate
Concen: 56.331 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07



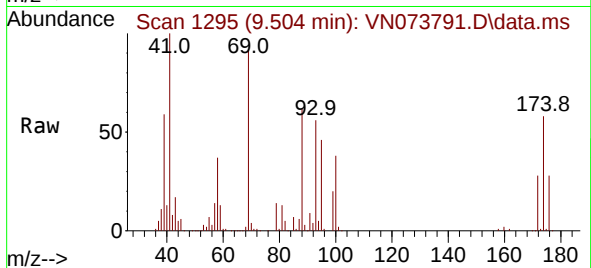
Tgt Ion: 41 Resp: 228661
Ion Ratio Lower Upper
41 100
69 101.6 74.7 112.1
39 58.7 45.6 68.4





#49
1,4-Dioxane
Concen: 1217.849 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

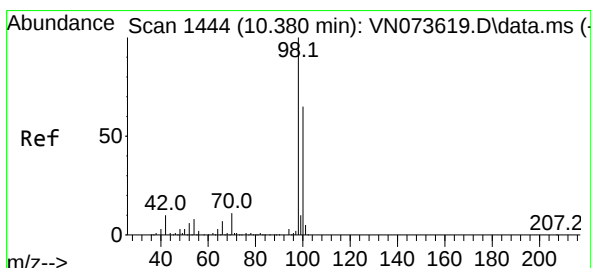
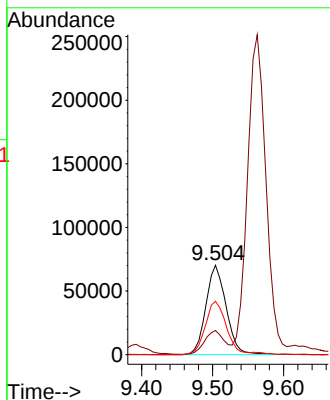
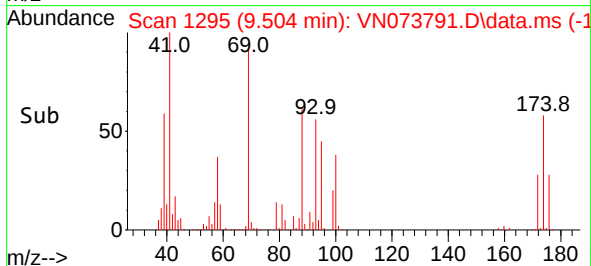
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



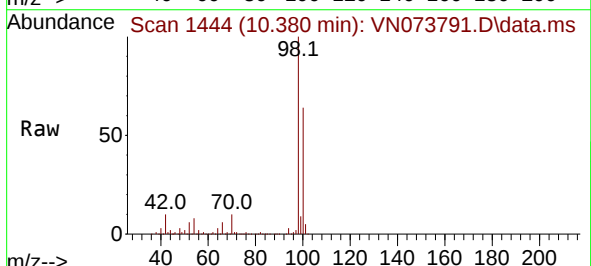
Tgt Ion: 88 Resp: 139354
Ion Ratio Lower Upper
88 100
43 26.9 20.2 30.4
58 61.5 54.2 81.4

Manual Integrations
APPROVED

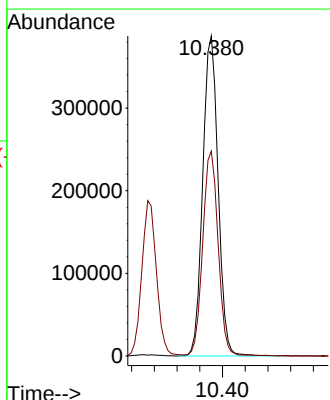
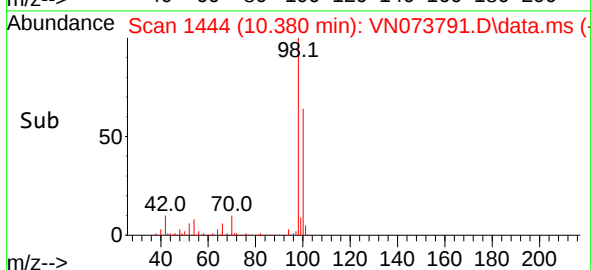
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

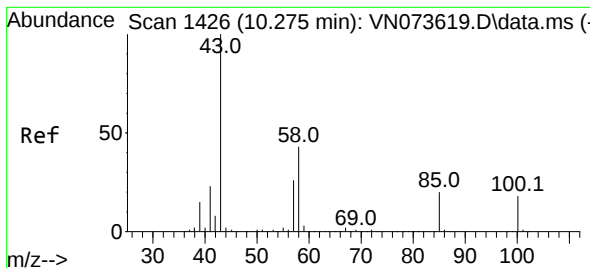


#50
Toluene-d8
Concen: 50.312 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07



Tgt Ion: 98 Resp: 724207
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8





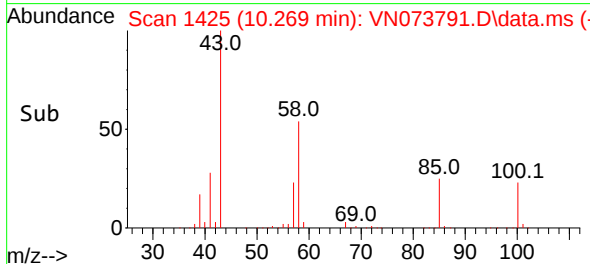
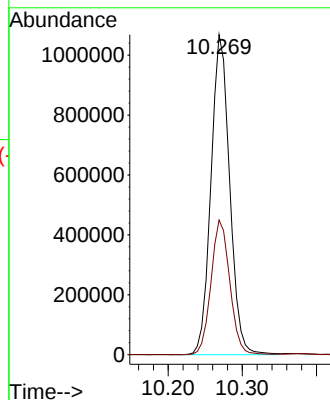
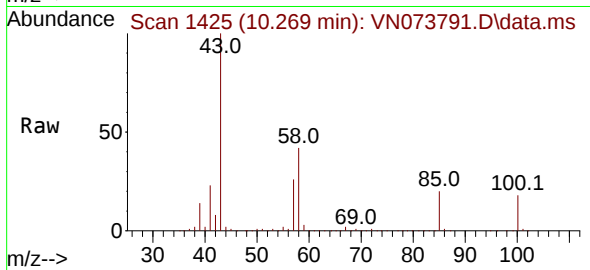
#51
4-Methyl-2-Pentanone
Concen: 281.510 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1872424
Ion Ratio Lower Upper
43 100
58 42.3 34.1 51.1

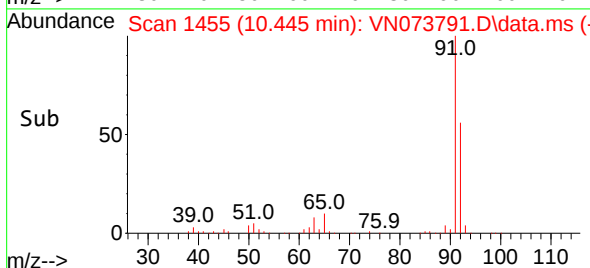
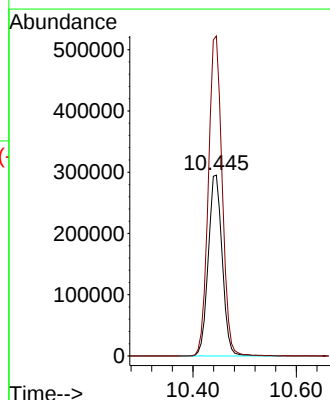
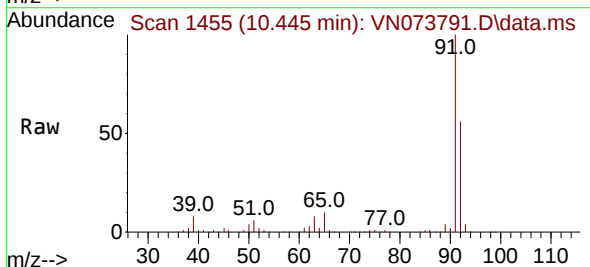
Manual Integrations
APPROVED

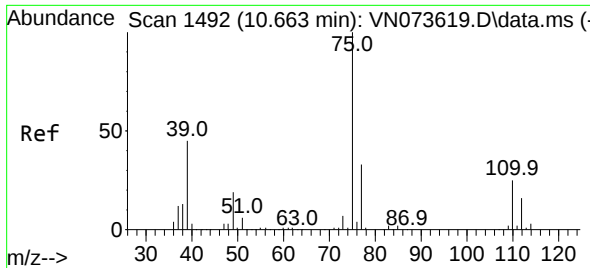
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#52
Toluene
Concen: 53.230 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

Tgt Ion: 92 Resp: 550432
Ion Ratio Lower Upper
92 100
91 176.1 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 56.628 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

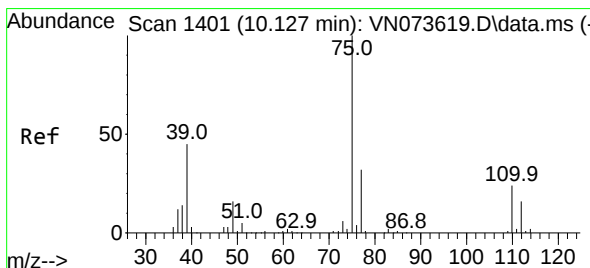
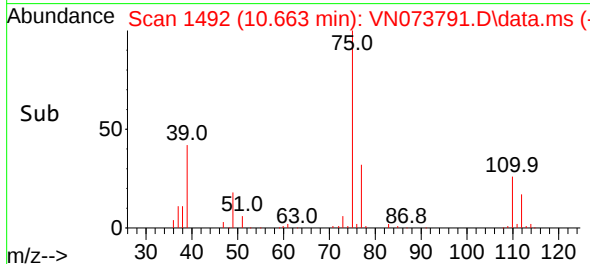
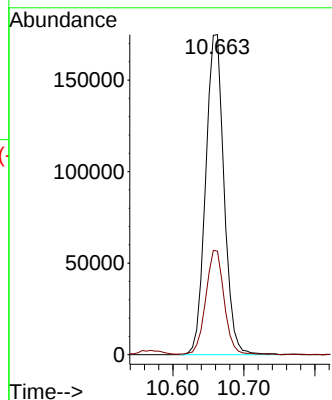
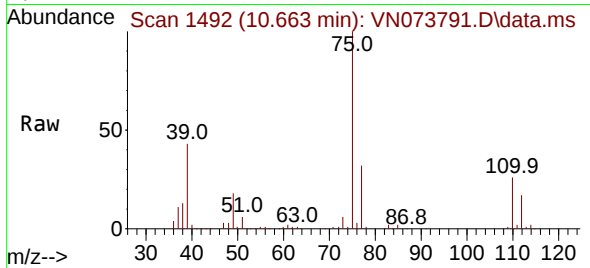
VSTDCCC050EC

Tgt Ion: 75 Resp: 315334
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4

Manual Integrations

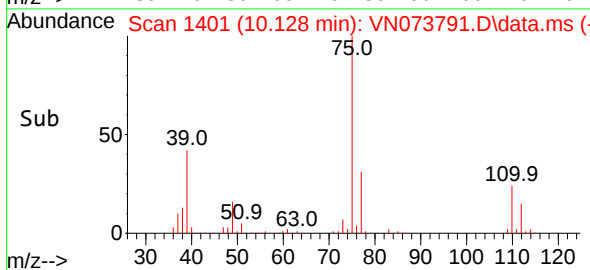
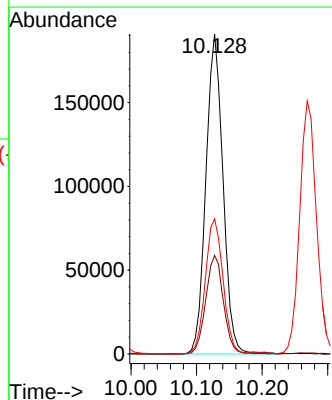
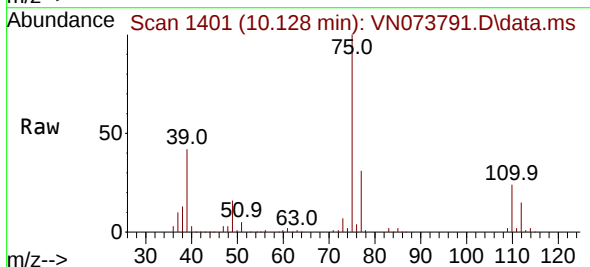
APPROVED

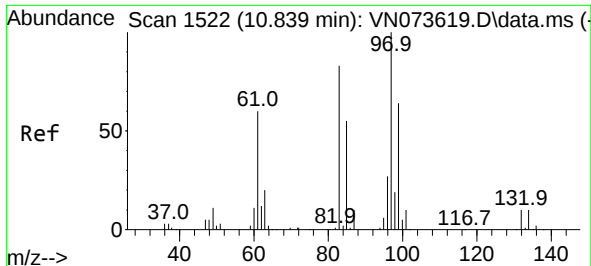
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#54
cis-1,3-Dichloropropene
Concen: 55.231 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

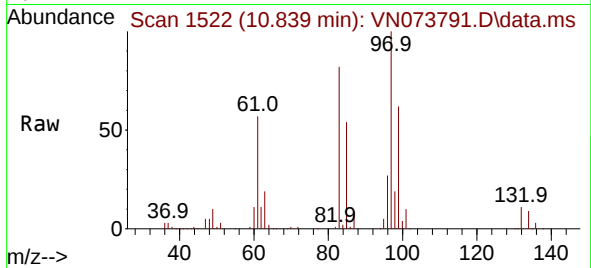
Tgt Ion: 75 Resp: 346576
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 42.1 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 54.701 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

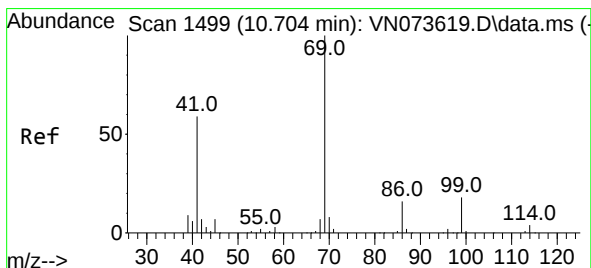
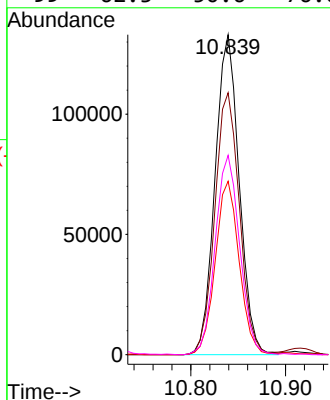
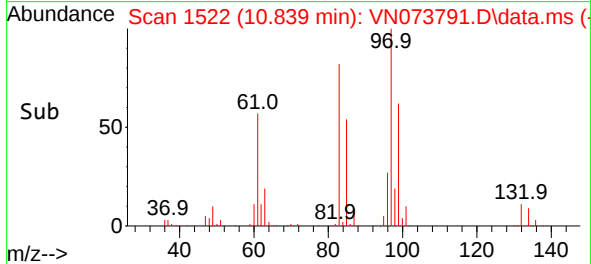


Tgt Ion: 97 Resp: 23587

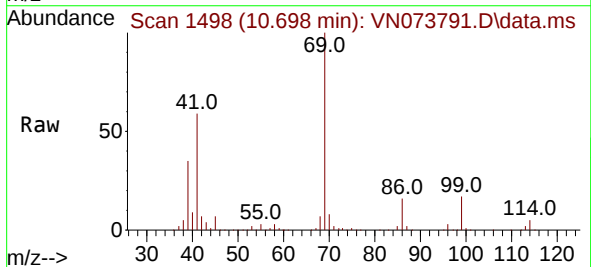
Ion	Ratio	Lower	Upper
97	100		
83	81.9	66.2	99.4
85	54.2	43.9	65.9
99	62.3	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

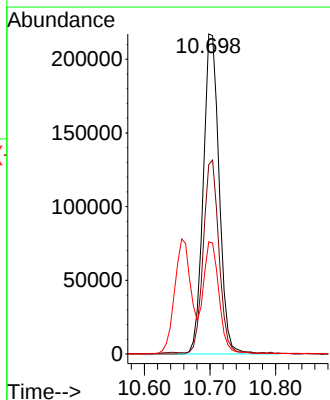
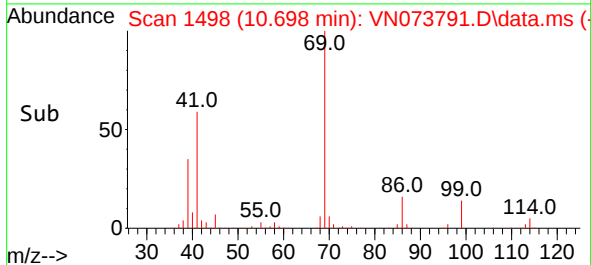


#56
Ethyl methacrylate
Concen: 61.783 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07



Tgt Ion: 69 Resp: 367187

Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.8	71.6
39	34.0	27.3	40.9





#57

1,3-Dichloropropane

Concen: 53.881 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN073791.D

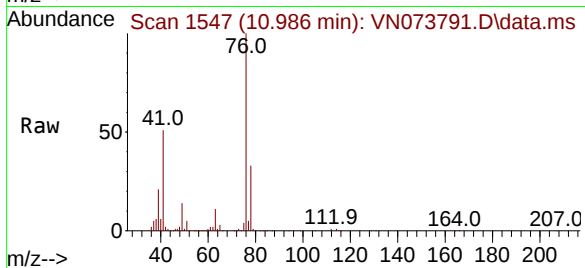
Acq: 09 Aug 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 39419

Ion Ratio Lower Upper

76 100

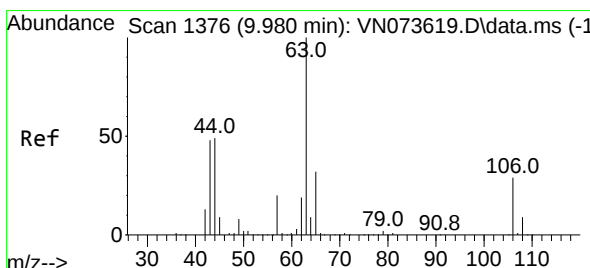
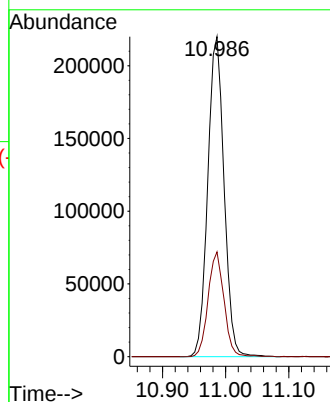
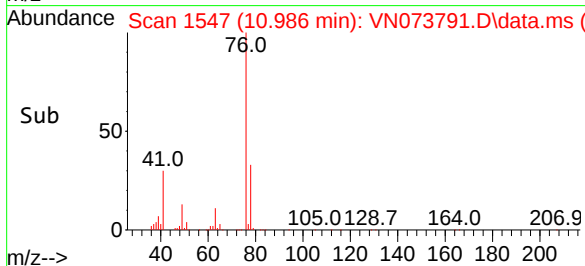
78 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#58

2-Chloroethyl Vinyl ether

Concen: 263.383 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073791.D

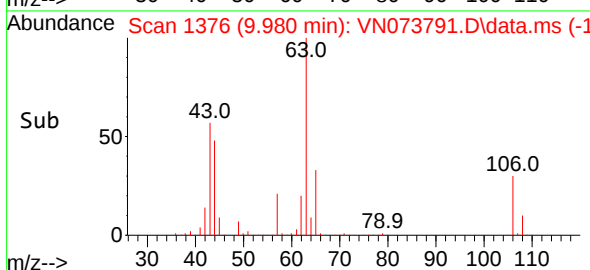
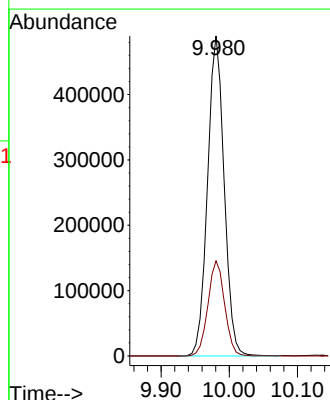
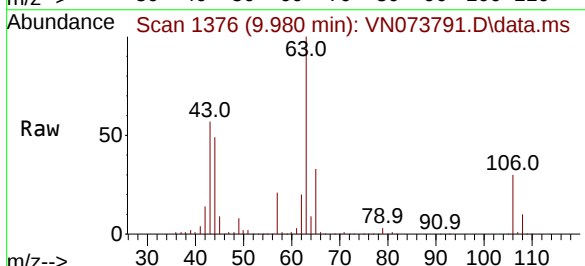
Acq: 09 Aug 2022 17:07

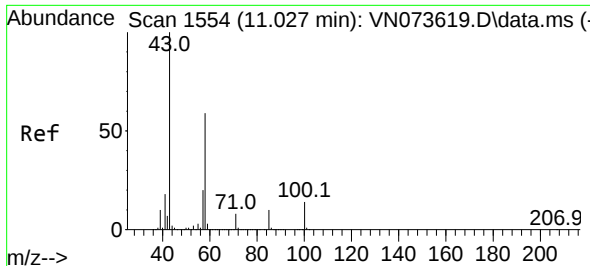
Tgt Ion: 63 Resp: 830082

Ion Ratio Lower Upper

63 100

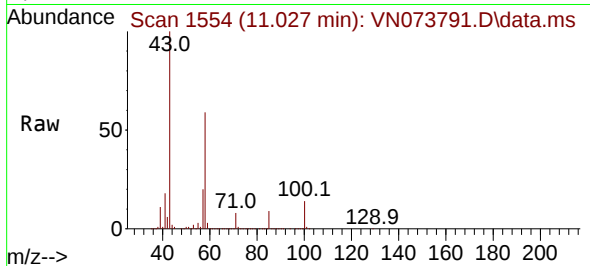
106 29.8 24.6 36.8





#59
2-Hexanone
Concen: 288.929 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

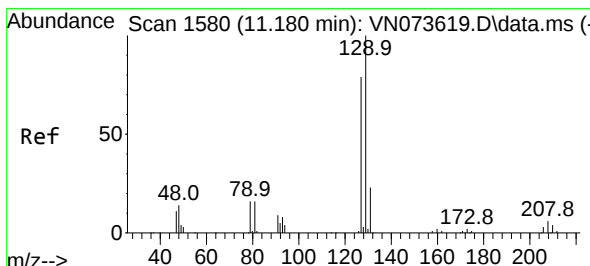
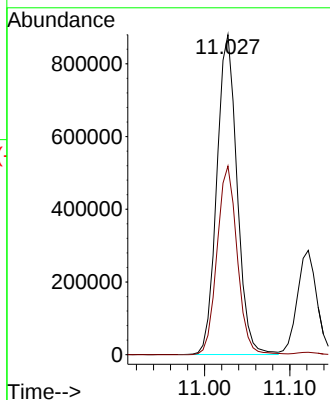
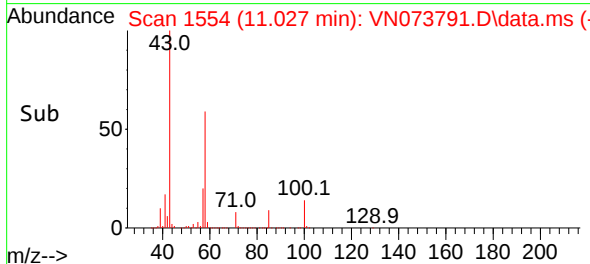
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 145601
Ion Ratio Lower Upper
43 100
58 58.7 29.7 89.1

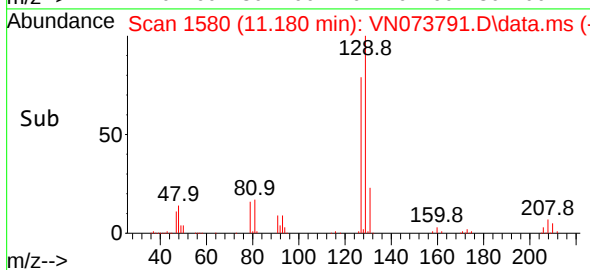
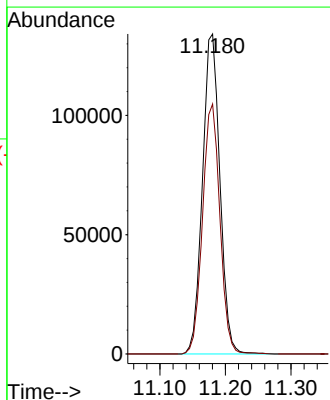
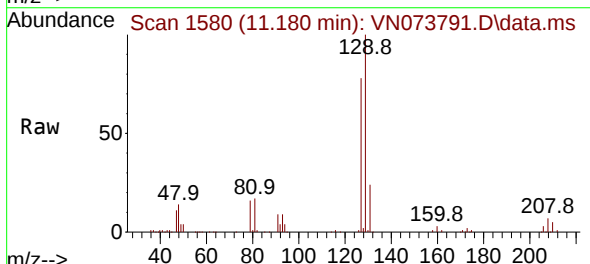
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#60
Dibromochloromethane
Concen: 57.887 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

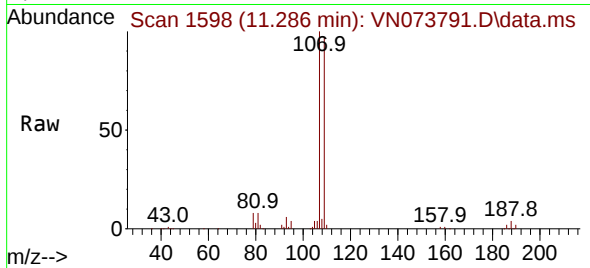
Tgt Ion:129 Resp: 248326
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.432 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

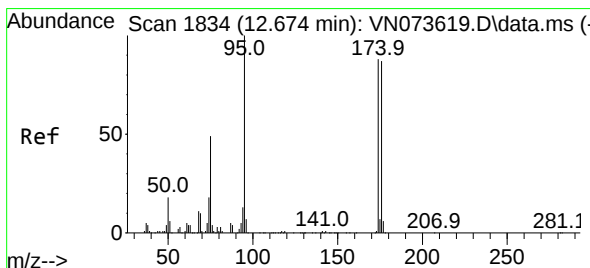
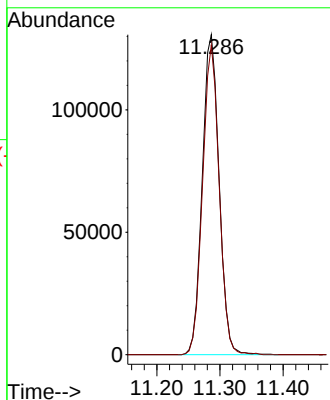
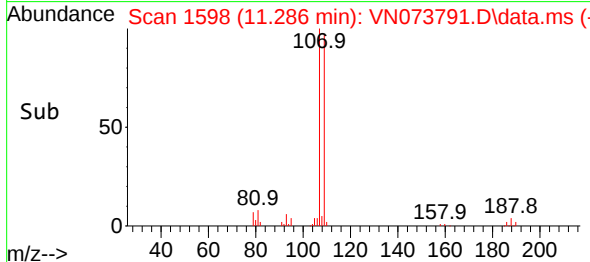
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



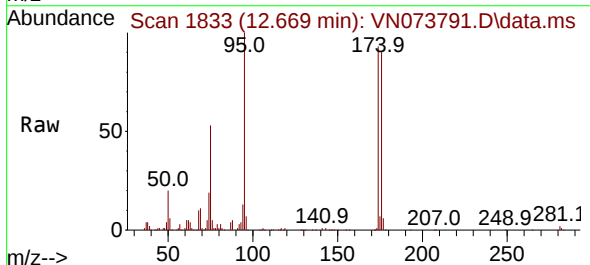
Tgt Ion:107 Resp: 241738
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.6

Manual Integrations
APPROVED

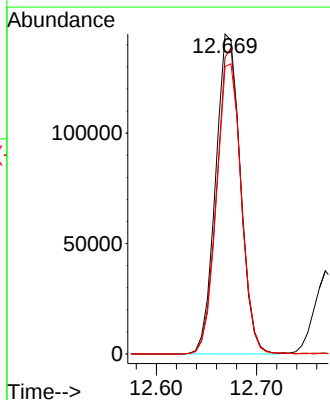
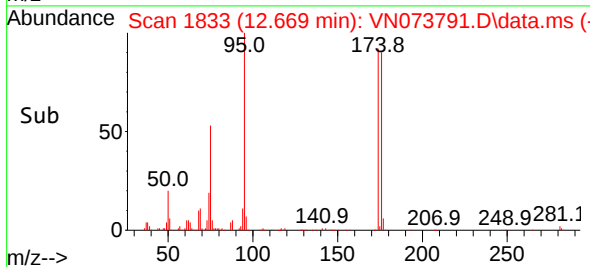
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

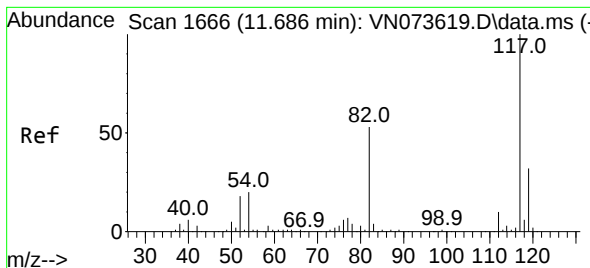


#62
4-Bromofluorobenzene
Concen: 51.250 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07



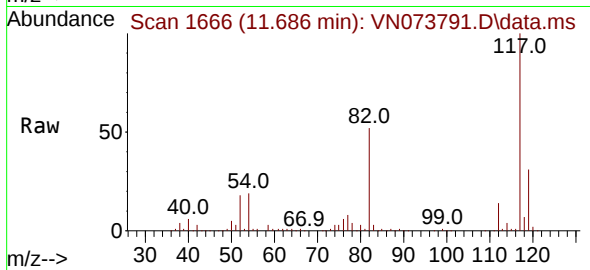
Tgt Ion: 95 Resp: 247661
Ion Ratio Lower Upper
95 100
174 94.1 0.0 167.6
176 90.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

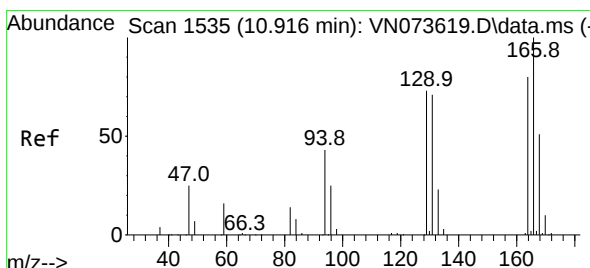
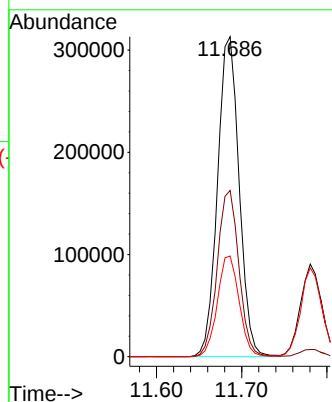
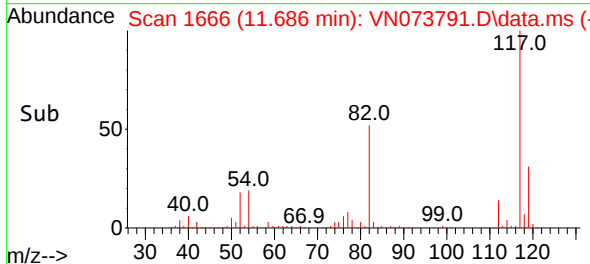
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



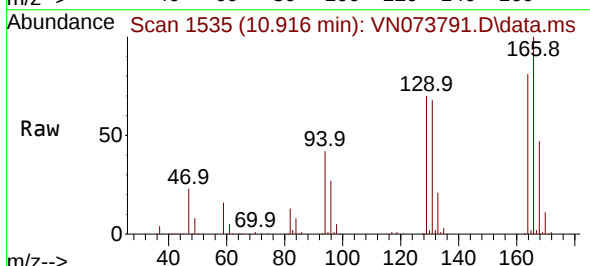
Tgt Ion:117 Resp: 55196
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.2
119 31.4 25.4 38.0

Manual Integrations
APPROVED

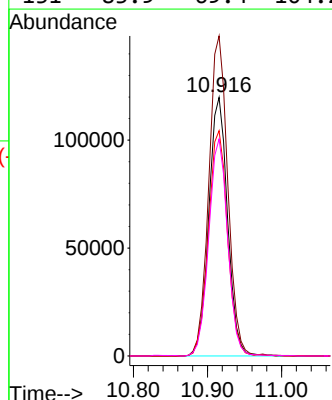
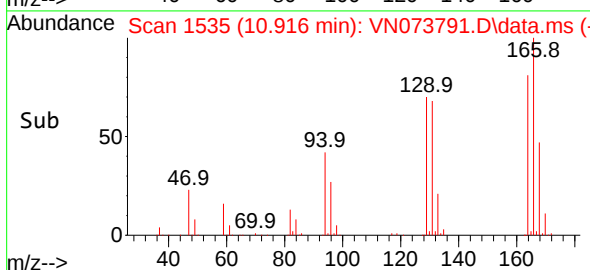
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

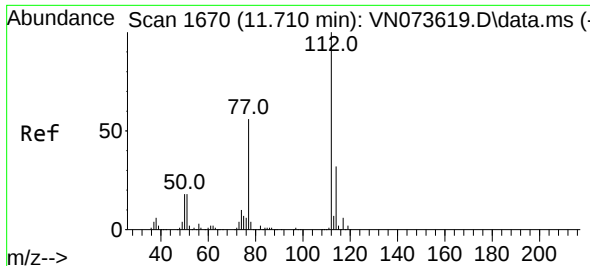


#64
Tetrachloroethene
Concen: 48.147 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07



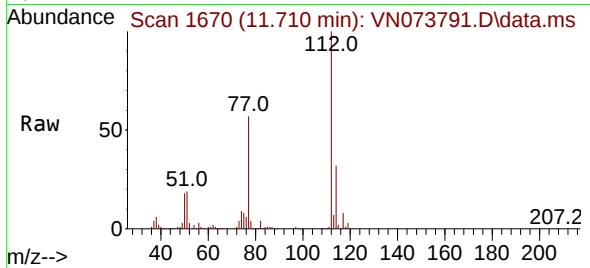
Tgt Ion:164 Resp: 211204
Ion Ratio Lower Upper
164 100
166 123.7 104.2 156.2
129 87.1 73.9 110.9
131 83.9 69.4 104.2





#65
Chlorobenzene
Concen: 52.063 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

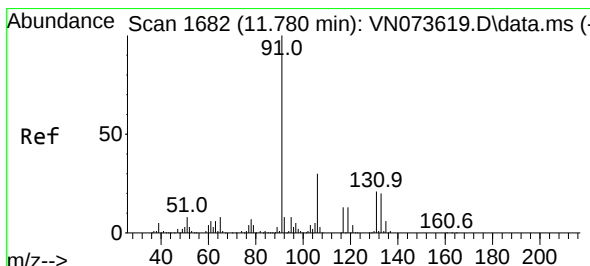
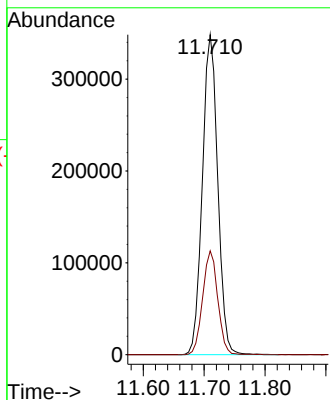
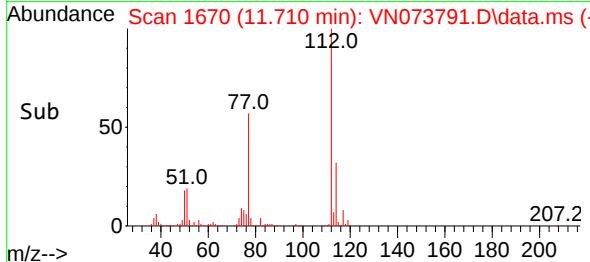
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 610390
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

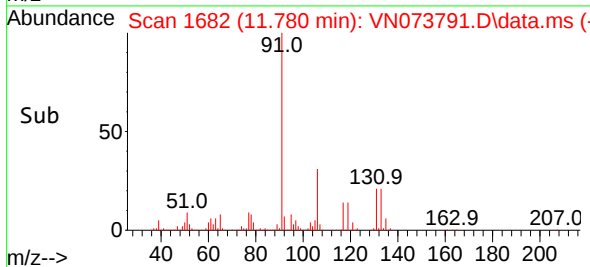
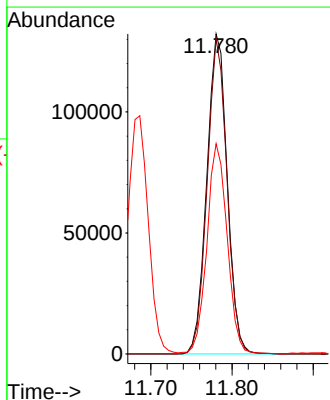
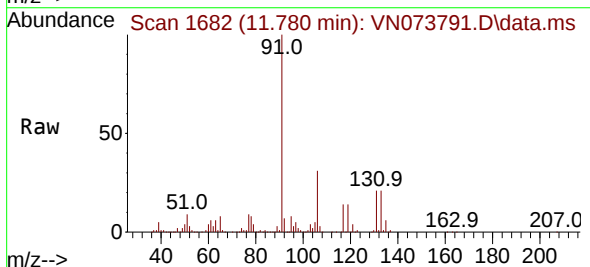
Manual Integrations
APPROVED

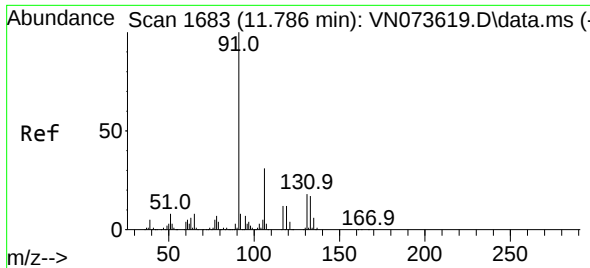
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 54.911 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

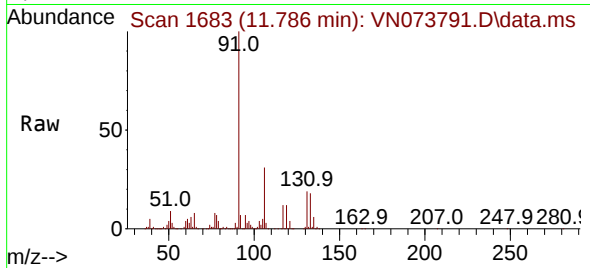
Tgt Ion:131 Resp: 230911
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 65.4 33.4 100.2





#67
Ethyl Benzene
Concen: 54.591 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

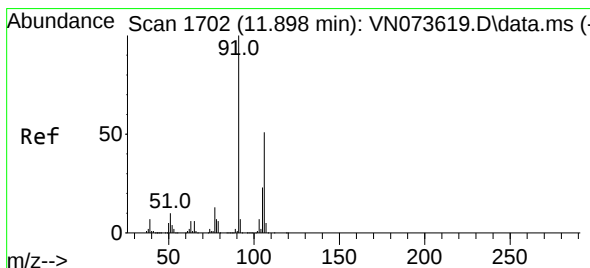
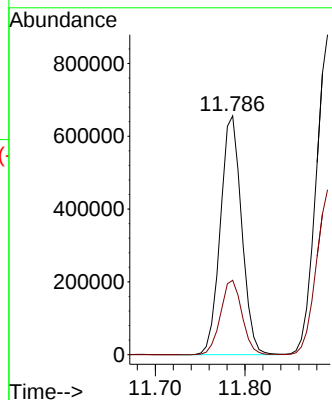
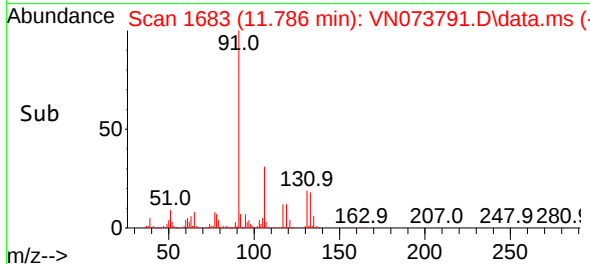
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



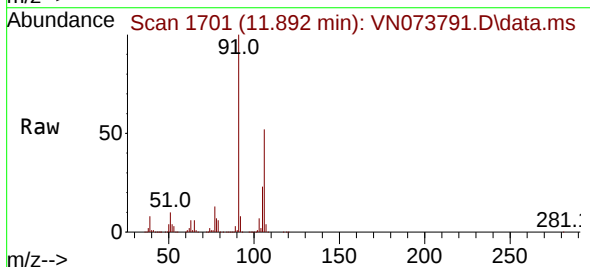
Tgt Ion: 91 Resp: 1079775
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

Manual Integrations
APPROVED

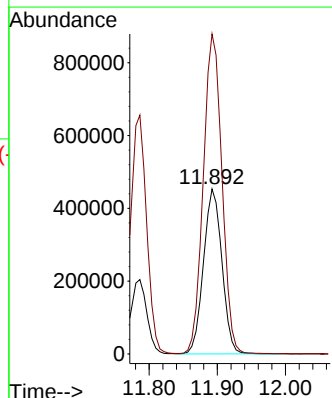
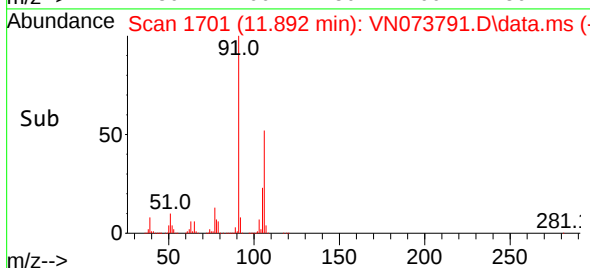
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

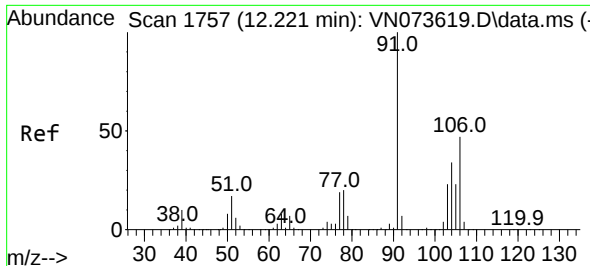


#68
m/p-Xylenes
Concen: 112.652 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07



Tgt Ion:106 Resp: 849823
Ion Ratio Lower Upper
106 100
91 197.3 158.9 238.3





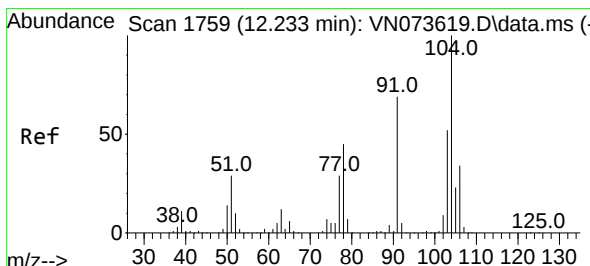
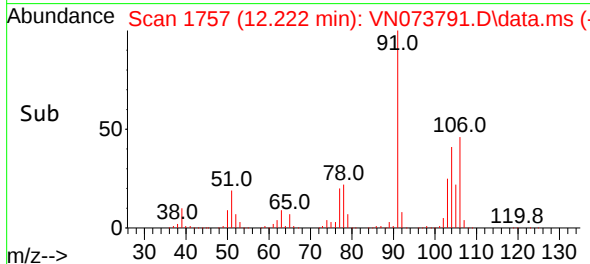
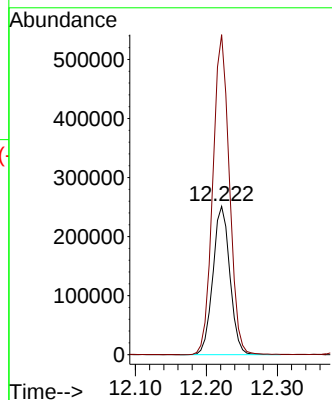
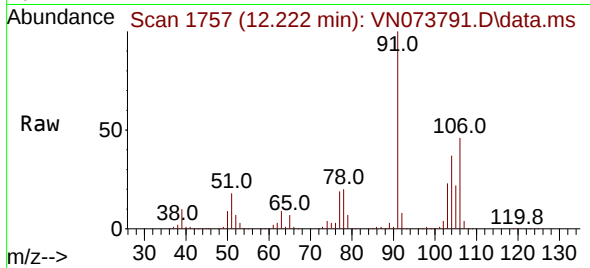
#69
o-Xylene
Concen: 56.565 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 416010
Ion Ratio Lower Upper
106 100
91 211.1 106.0 318.0

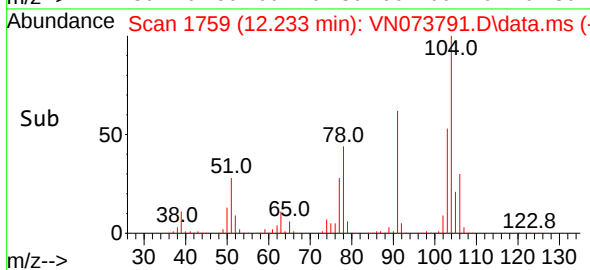
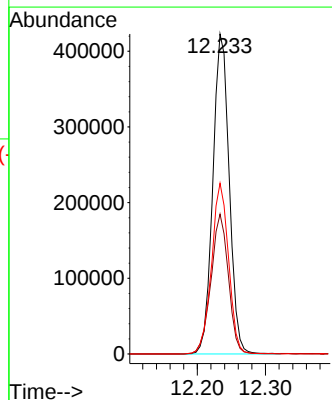
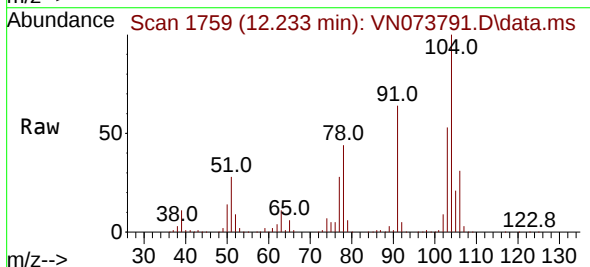
Manual Integrations
APPROVED

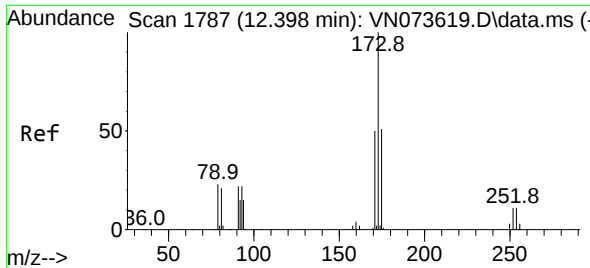
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#70
Styrene
Concen: 60.084 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

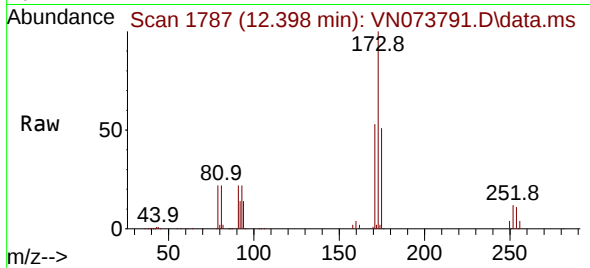
Tgt Ion:104 Resp: 707389
Ion Ratio Lower Upper
104 100
78 46.4 39.5 59.3
103 55.6 44.0 66.0





#71
Bromoform
Concen: 59.750 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

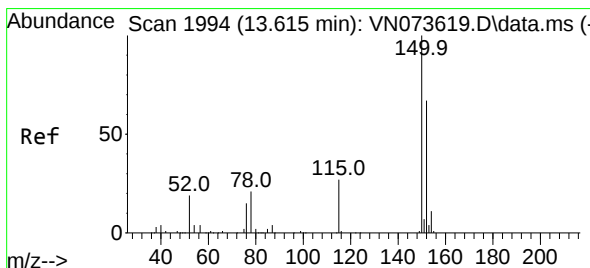
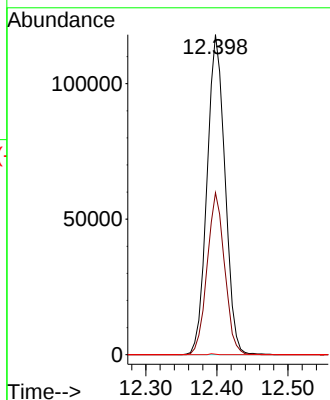
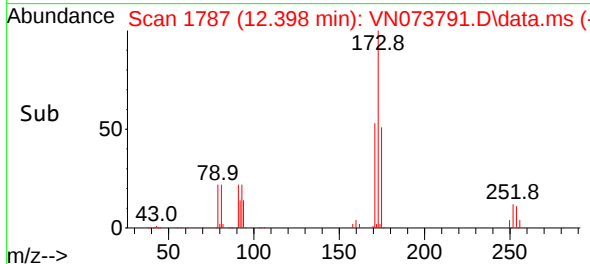
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



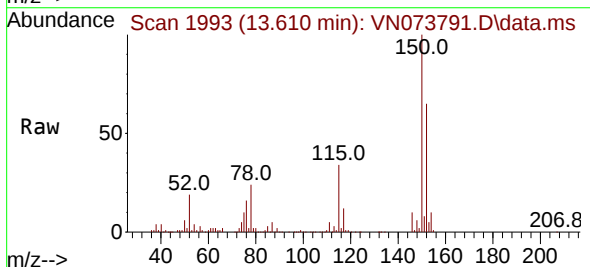
Tgt Ion:173 Resp: 207391
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

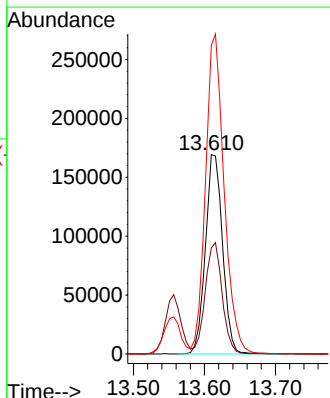
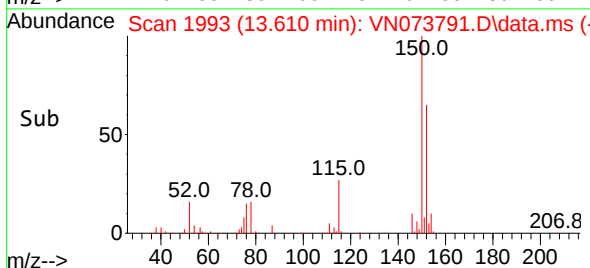
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.006 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07



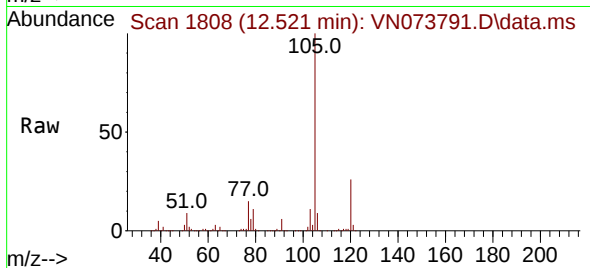
Tgt Ion:152 Resp: 284784
Ion Ratio Lower Upper
152 100
115 55.5 28.9 86.7
150 173.9 0.0 356.2





#73
Isopropylbenzene
Concen: 52.580 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

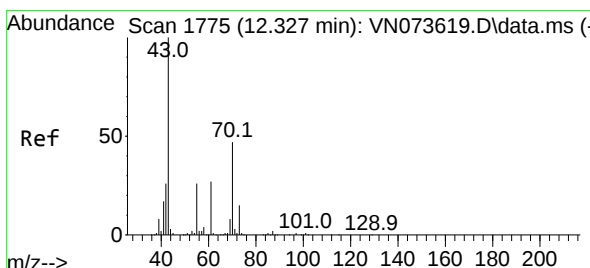
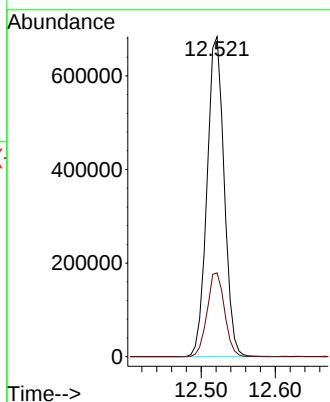
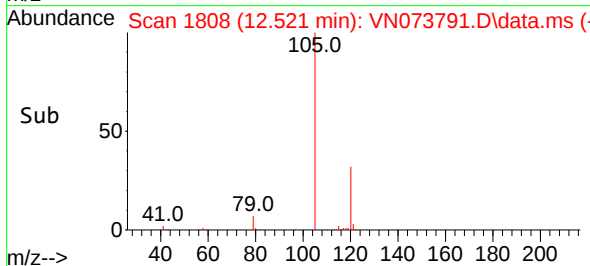
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1096124
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

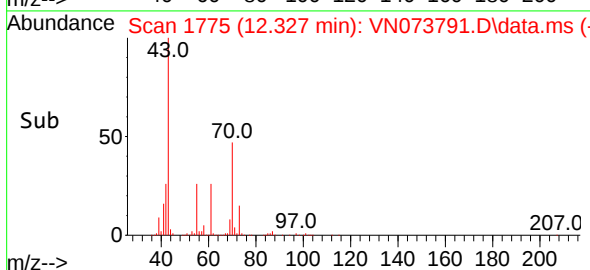
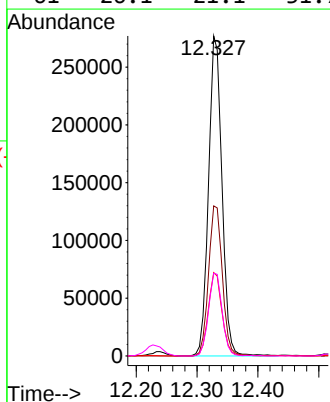
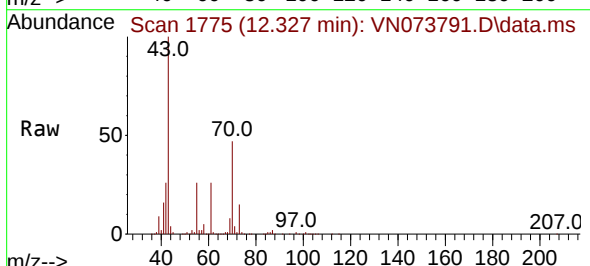
Manual Integrations
APPROVED

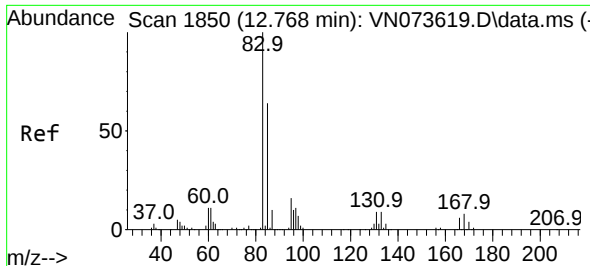
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#74
N-ethyl acetate
Concen: 54.014 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

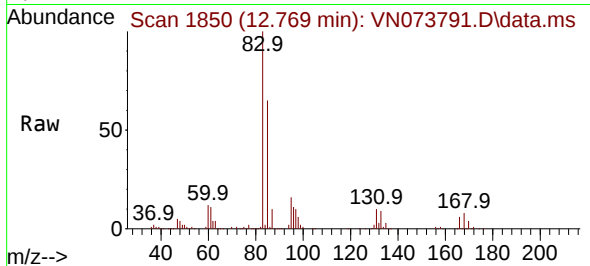
Tgt Ion: 43 Resp: 425448
Ion Ratio Lower Upper
43 100
70 48.1 39.0 58.4
55 26.7 21.1 31.7
61 26.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.526 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

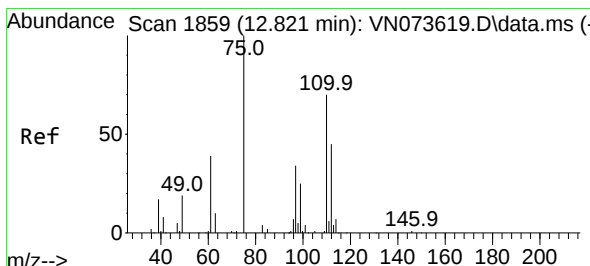
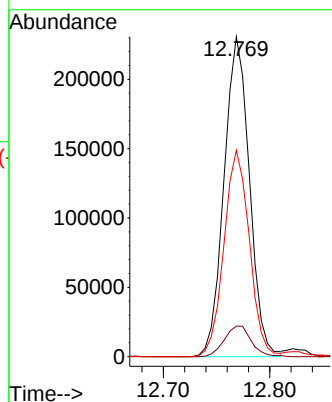
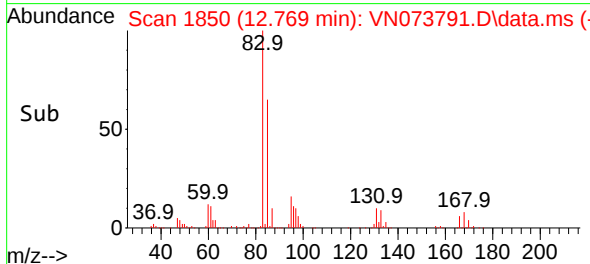
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 382325
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.9
85 64.5 32.3 96.9

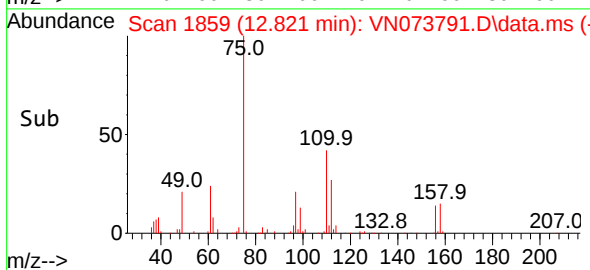
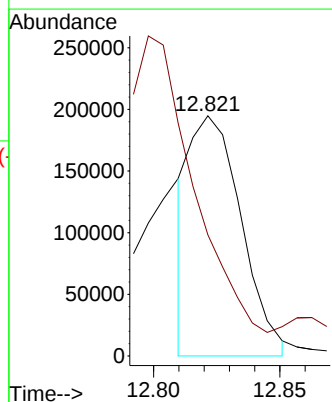
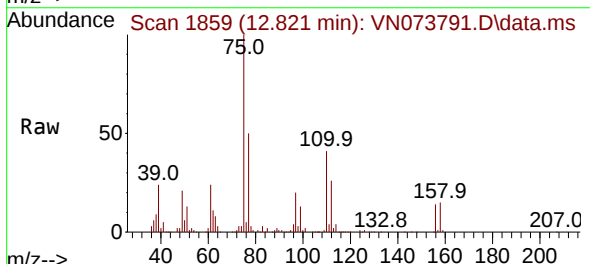
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#76
1,2,3-Trichloropropane
Concen: 53.383 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

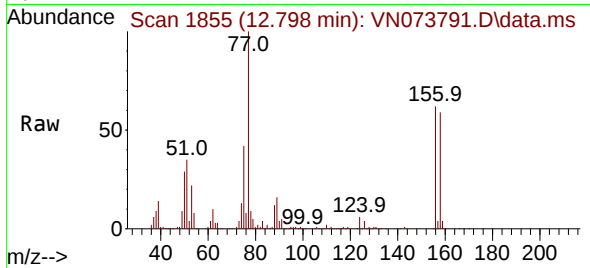
Tgt Ion: 75 Resp: 277364
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 51.211 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

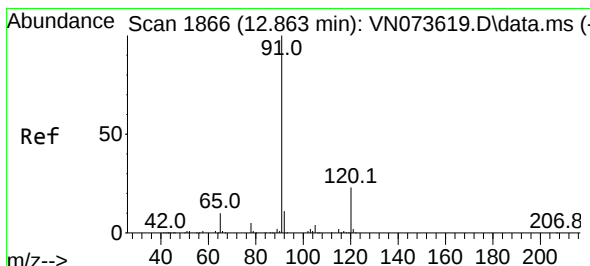
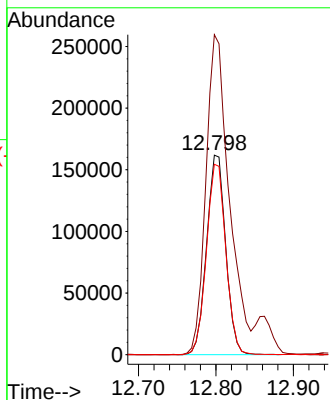
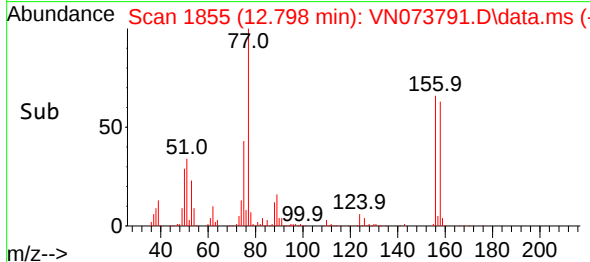
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



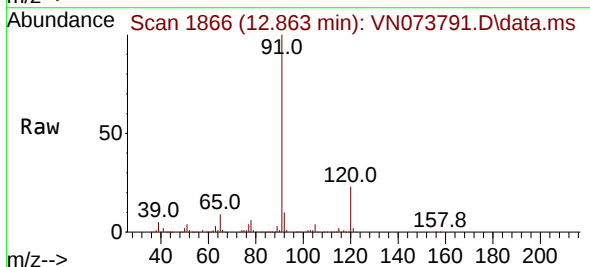
Tgt Ion: 156 Resp: 278018
Ion Ratio Lower Upper
156 100
77 194.7 100.5 301.5
158 96.9 48.9 146.6

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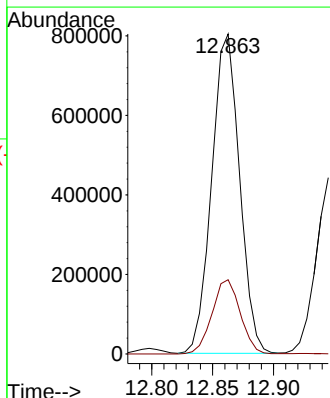
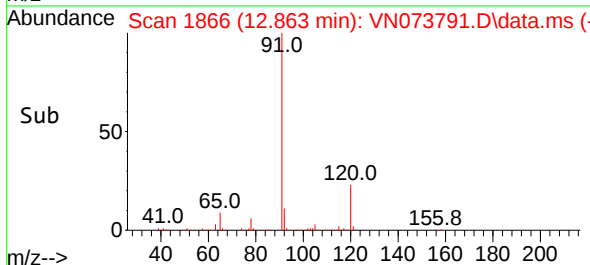
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#78
n-propylbenzene
Concen: 54.526 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07



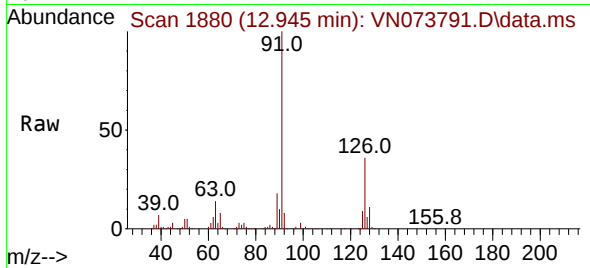
Tgt Ion: 91 Resp: 1279008
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





#79
2-Chlorotoluene
Concen: 51.224 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

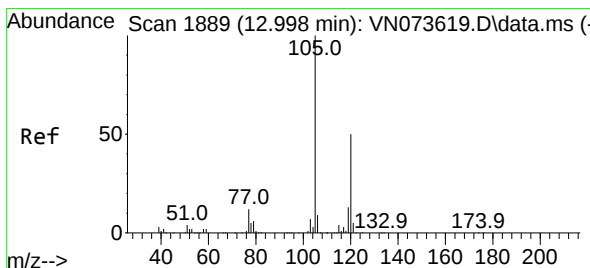
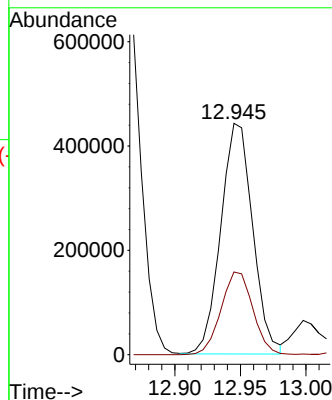
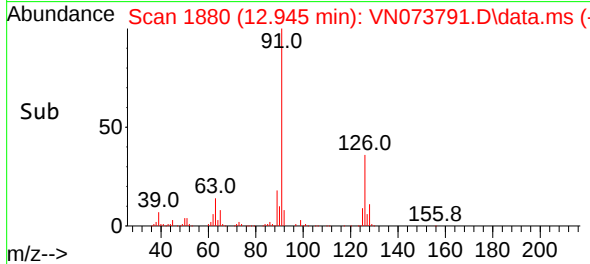
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 749928
Ion Ratio Lower Upper
91 100
126 35.8 17.3 51.9

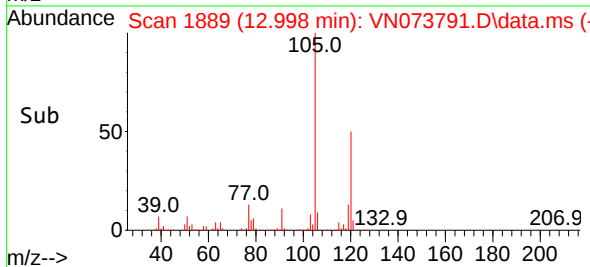
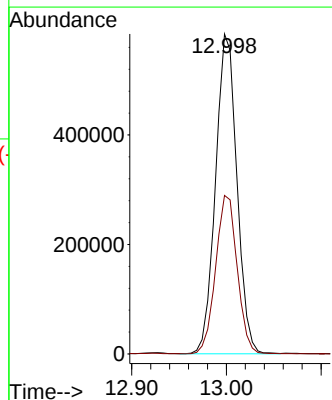
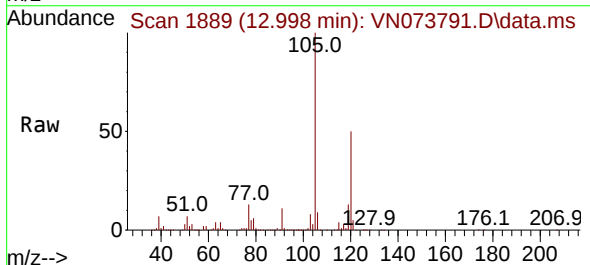
Manual Integrations
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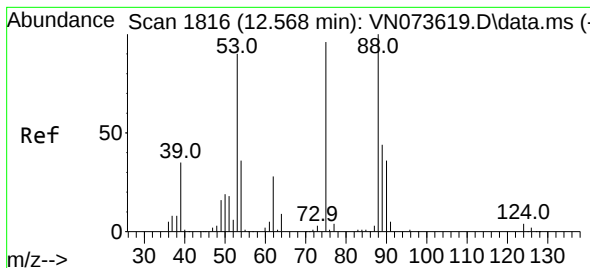
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.337 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

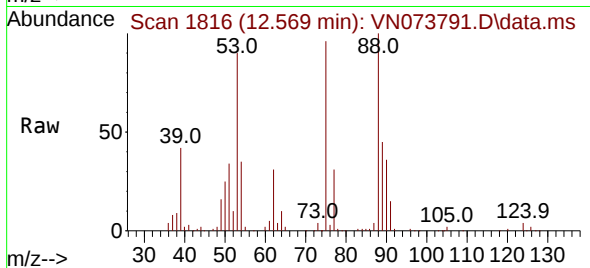
Tgt Ion:105 Resp: 915034
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 53.803 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

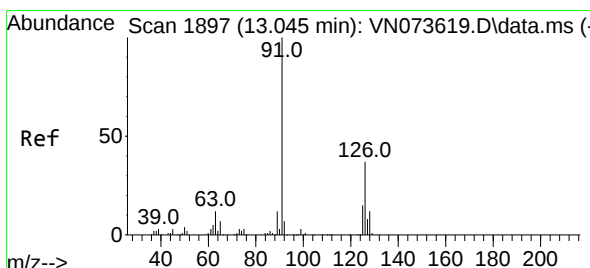
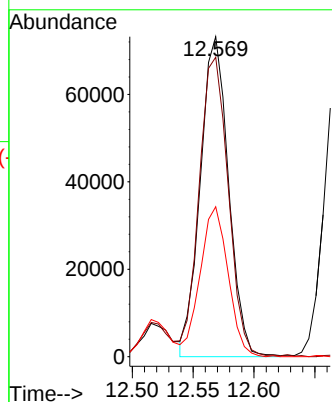
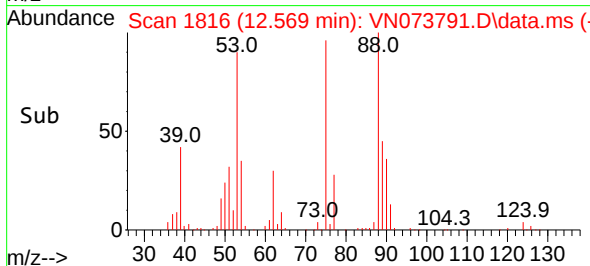
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 118234
Ion Ratio Lower Upper
75 100
53 96.8 78.0 117.0
89 46.5 37.2 55.8

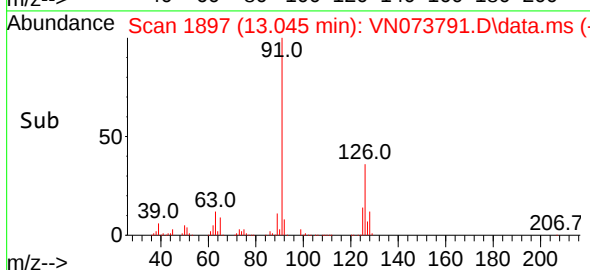
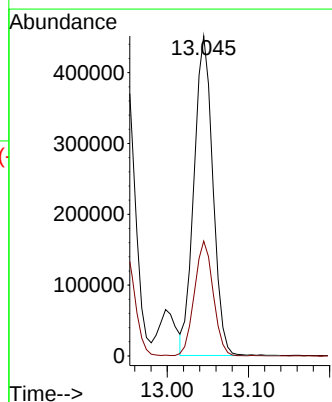
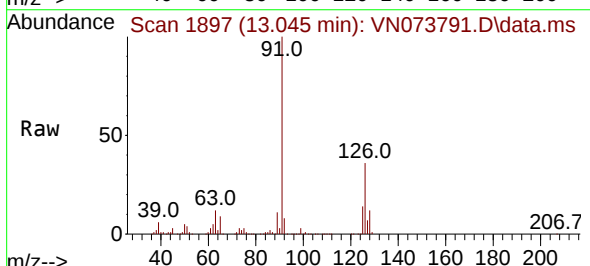
Manual Integrations
APPROVED

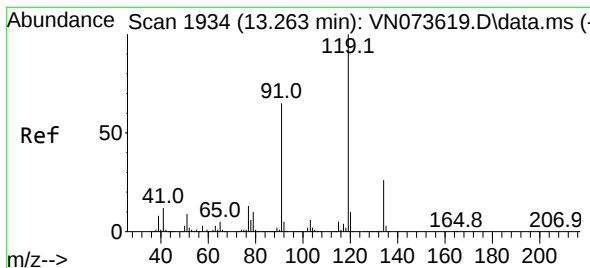
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#82
4-Chlorotoluene
Concen: 52.323 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

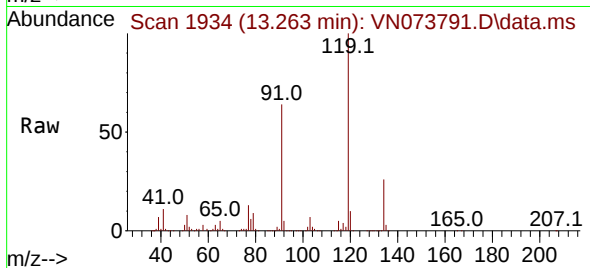
Tgt Ion: 91 Resp: 725998
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 53.711 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

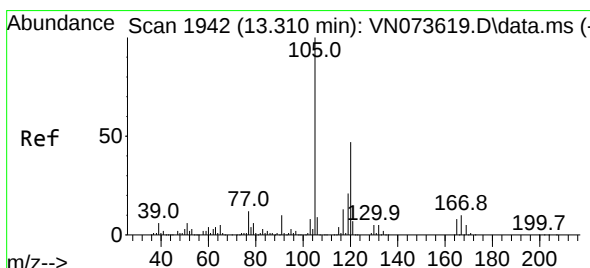
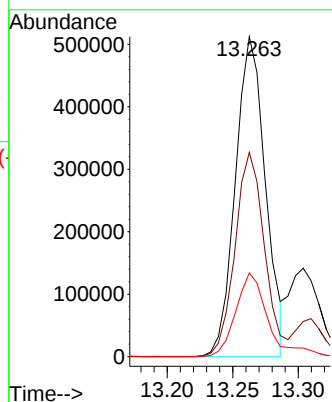
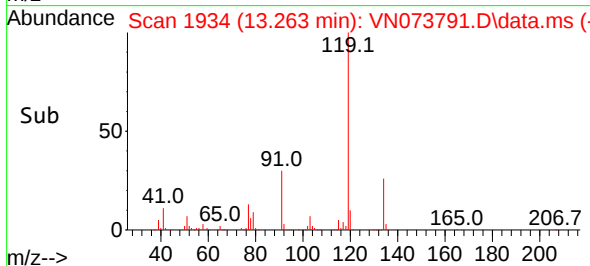
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



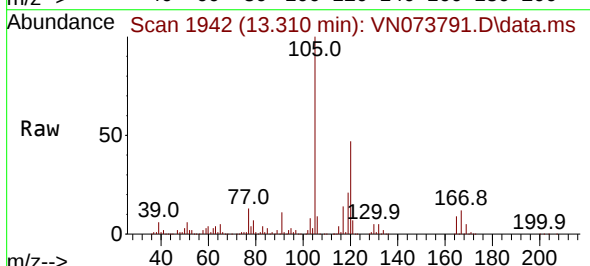
Tgt Ion:119 Resp: 816179
Ion Ratio Lower Upper
119 100
91 62.8 31.6 94.8
134 28.1 13.7 41.1

Manual Integrations
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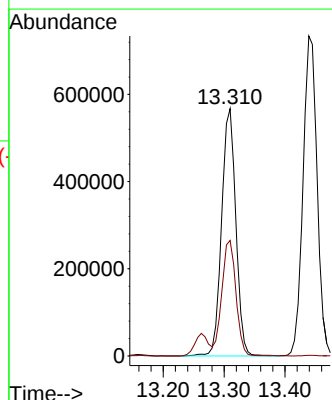
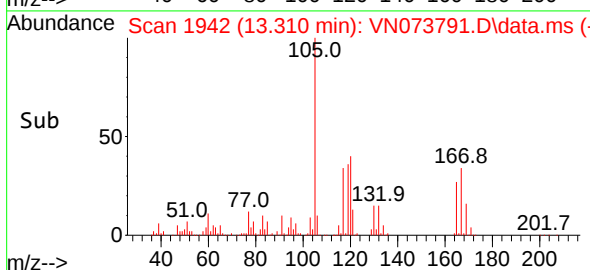
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#84
1,2,4-Trimethylbenzene
Concen: 54.585 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07



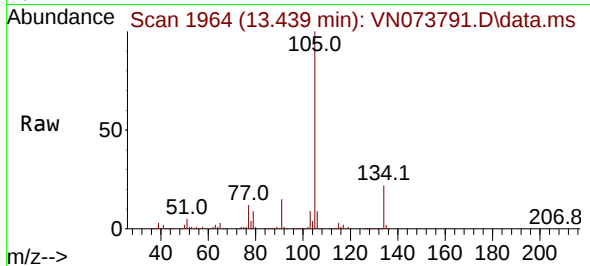
Tgt Ion:105 Resp: 920806
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 55.962 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073791.D
 Acq: 09 Aug 2022 17:07

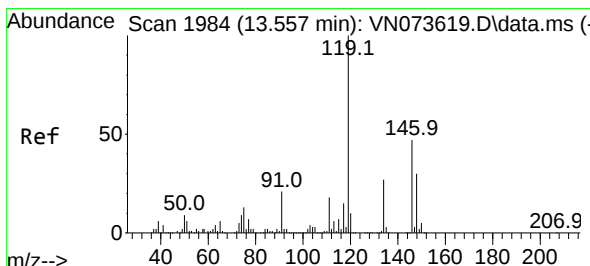
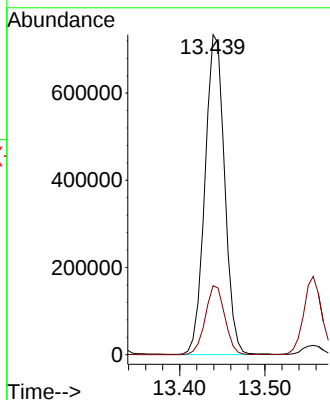
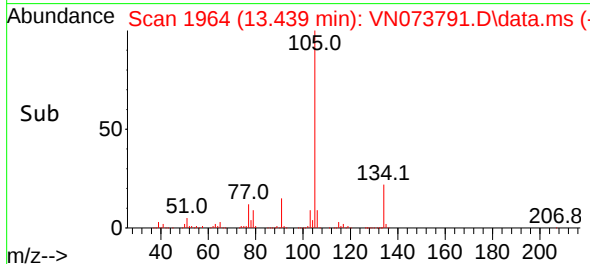
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



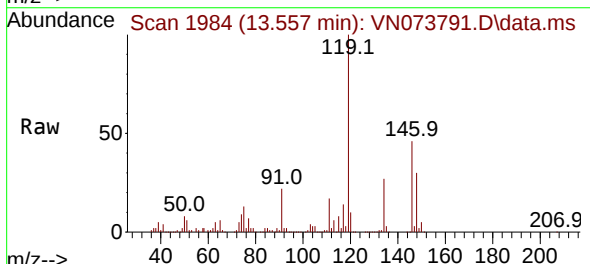
Tgt Ion:105 Resp: 1175320
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.1

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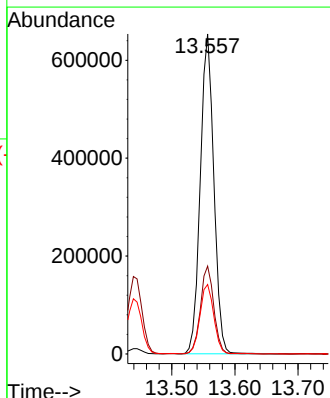
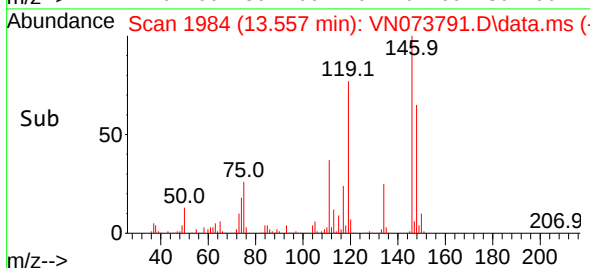
Reviewed By :John Carlone 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

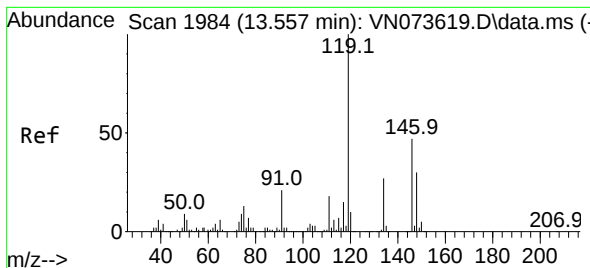


#86
 p-Isopropyltoluene
 Concen: 58.803 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073791.D
 Acq: 09 Aug 2022 17:07



Tgt Ion:119 Resp: 973580
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.8
 91 22.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 50.733 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN073791.D

Acq: 09 Aug 2022 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

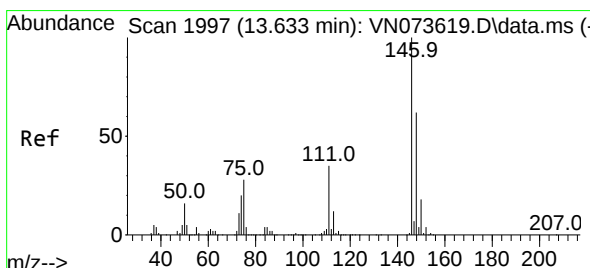
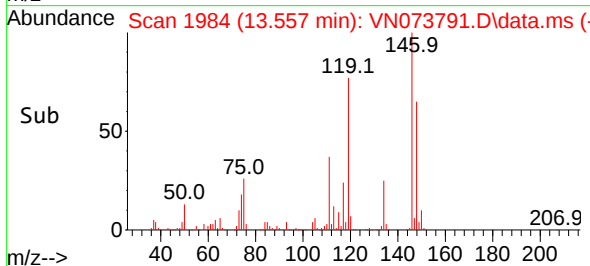
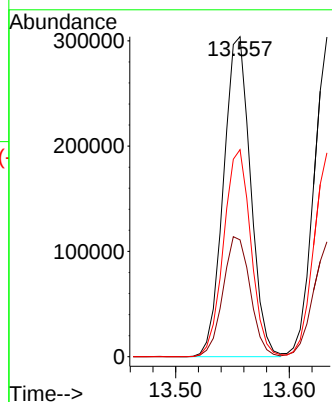
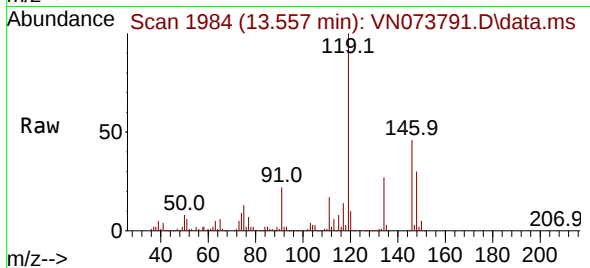
Tgt Ion:146 Resp: 502733
 Ion Ratio Lower Upper
 146 100
 111 37.9 20.0 60.0
 148 65.3 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2022

Supervised By :Mahesh Dadoda 08/11/2022



#88

1,4-Dichlorobenzene

Concen: 50.350 ug/l

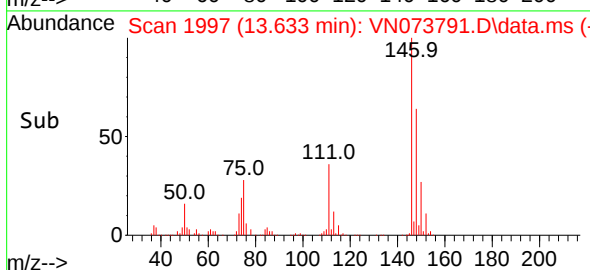
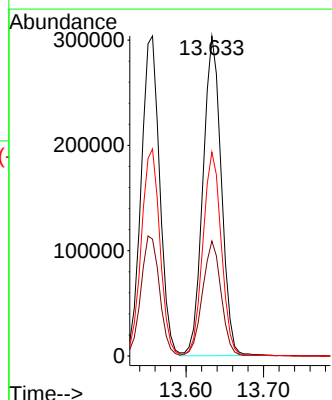
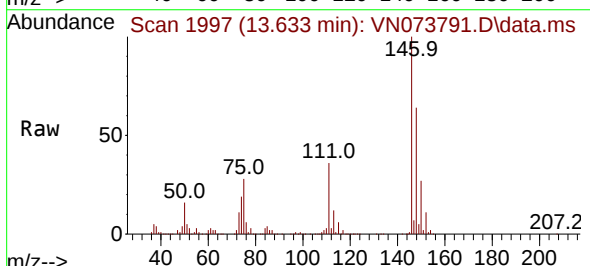
RT: 13.633 min Scan# 1997

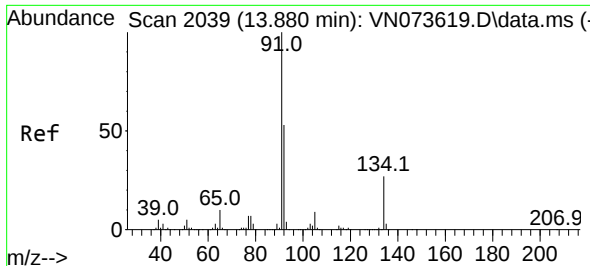
Delta R.T. 0.000 min

Lab File: VN073791.D

Acq: 09 Aug 2022 17:07

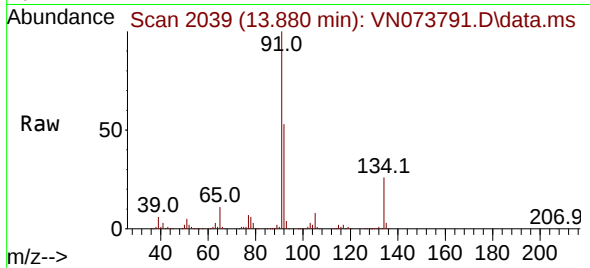
Tgt Ion:146 Resp: 499217
 Ion Ratio Lower Upper
 146 100
 111 35.9 19.1 57.1
 148 63.5 31.4 94.3





#89
n-Butylbenzene
Concen: 59.025 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

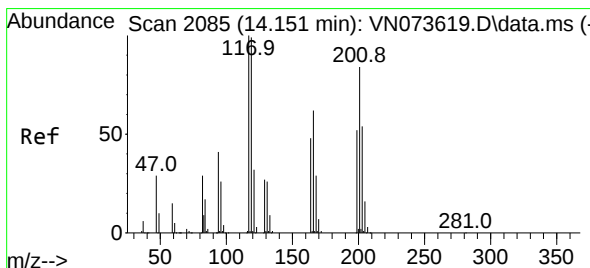
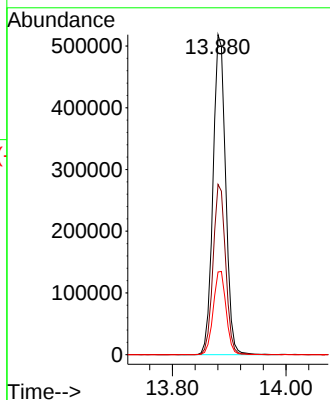
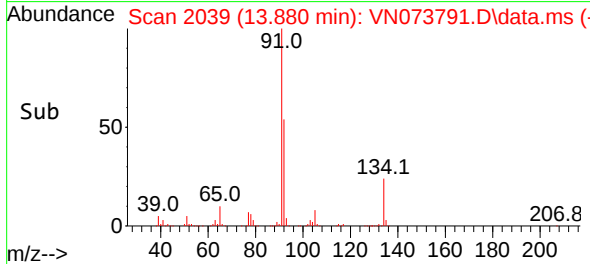
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 79515
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 26.6 13.6 40.8

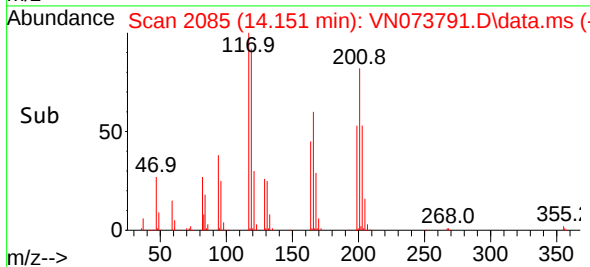
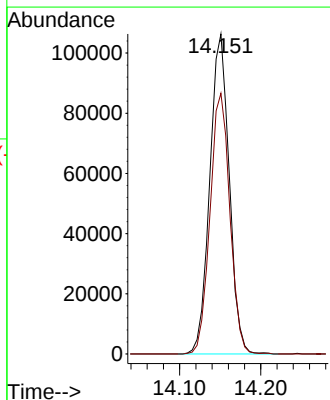
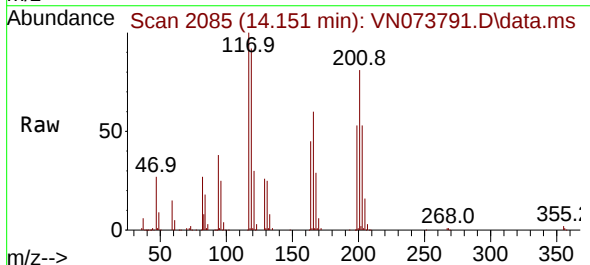
Manual Integrations
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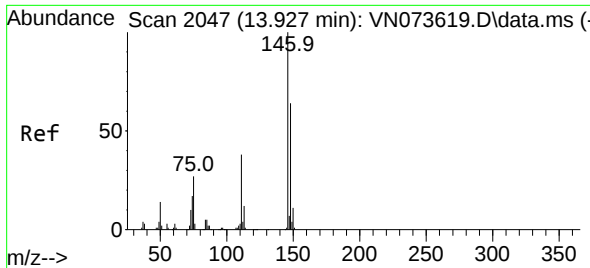
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#90
Hexachloroethane
Concen: 53.702 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

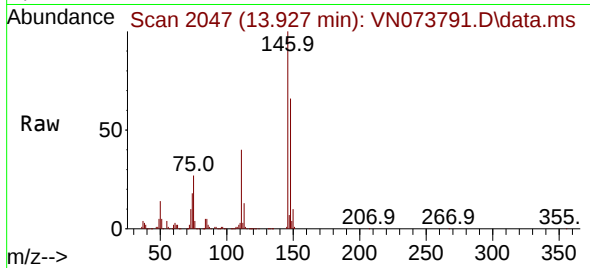
Tgt Ion:117 Resp: 176406
Ion Ratio Lower Upper
117 100
201 83.1 40.6 122.0





#91
 1,2-Dichlorobenzene
 Concen: 50.746 ug/l
 RT: 13.927 min Scan# 2047
 Delta R.T. 0.000 min
 Lab File: VN073791.D
 Acq: 09 Aug 2022 17:07

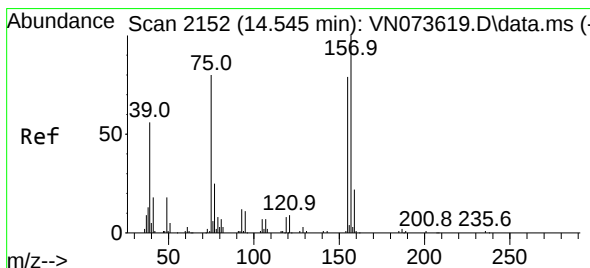
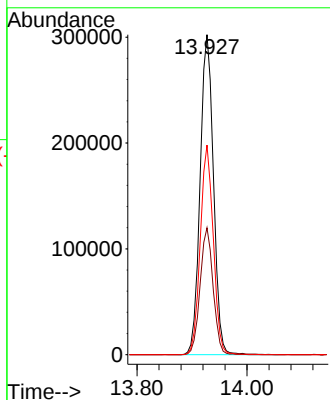
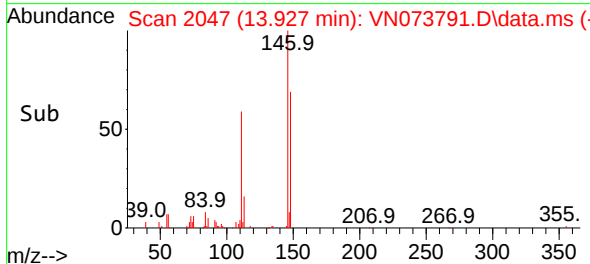
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:146 Resp: 50957
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.9 62.8
 148 63.9 32.1 96.3

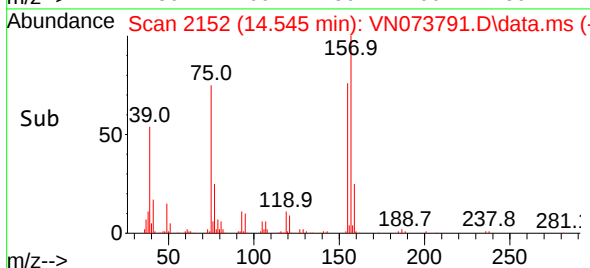
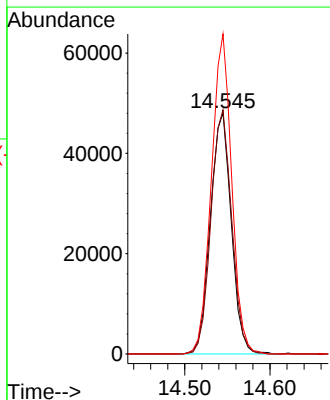
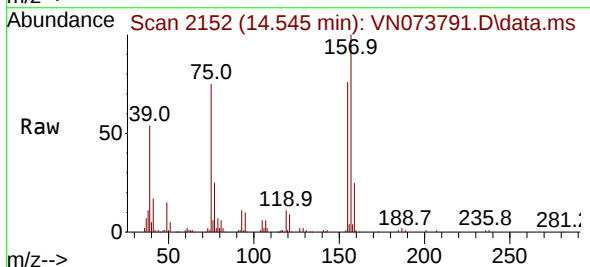
Manual Integrations
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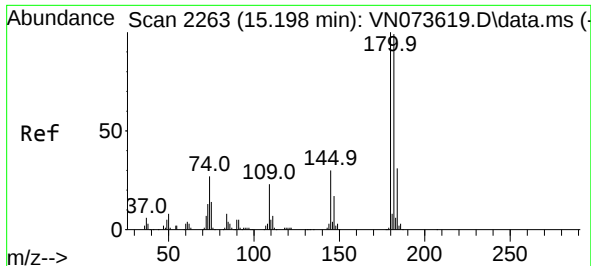
Reviewed By :John Carlone 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.831 ug/l
 RT: 14.545 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: VN073791.D
 Acq: 09 Aug 2022 17:07

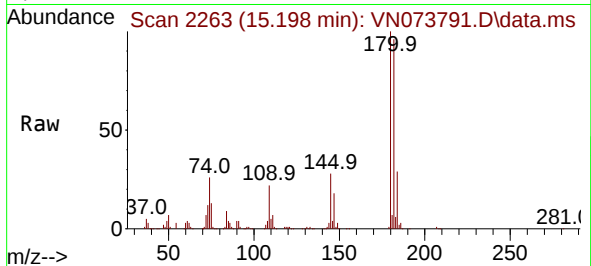
Tgt Ion: 75 Resp: 82158
 Ion Ratio Lower Upper
 75 100
 155 100.4 44.9 134.5
 157 128.7 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 58.965 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

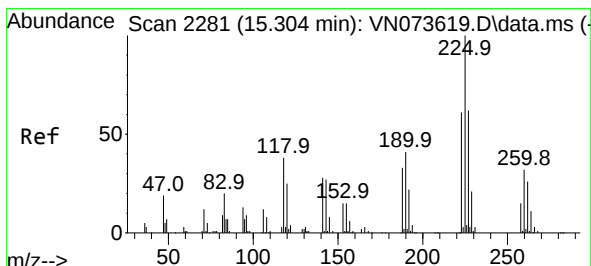
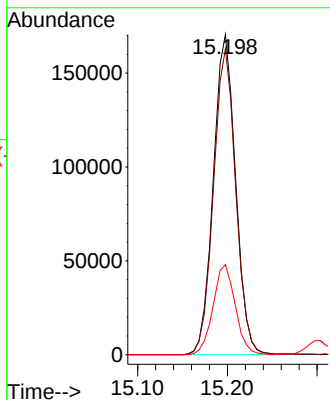
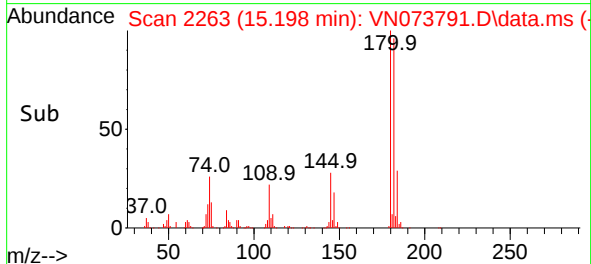
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



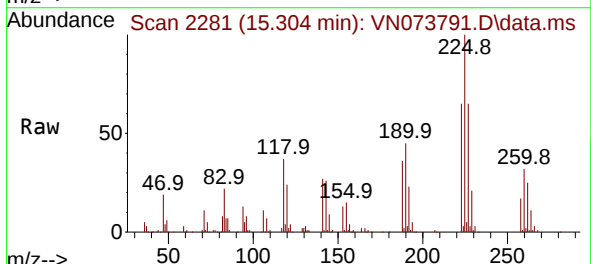
Tgt Ion:180 Resp: 29403
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.5
145 28.0 14.5 43.5

Manual Integrations
APPROVED

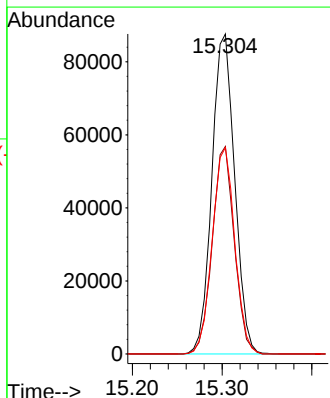
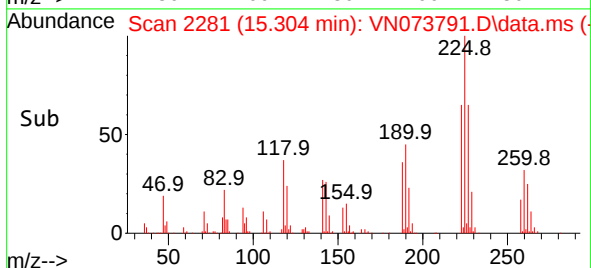
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

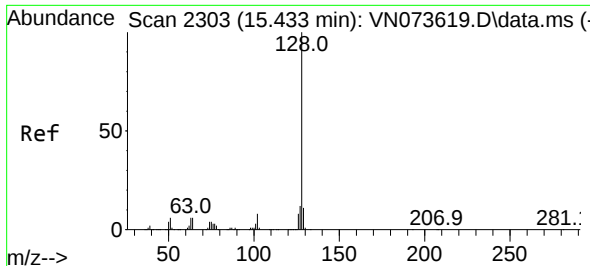


#94
Hexachlorobutadiene
Concen: 56.949 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07



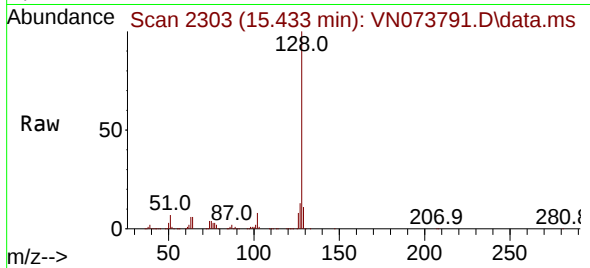
Tgt Ion:225 Resp: 154386
Ion Ratio Lower Upper
225 100
223 62.6 32.4 97.2
227 63.8 31.8 95.4





#95
Naphthalene
Concen: 59.529 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

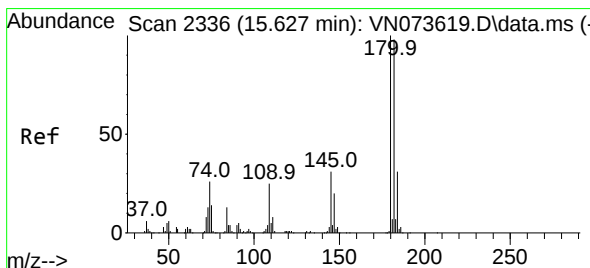
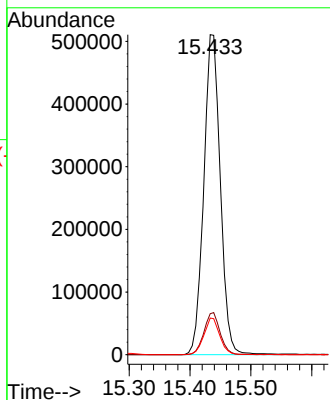
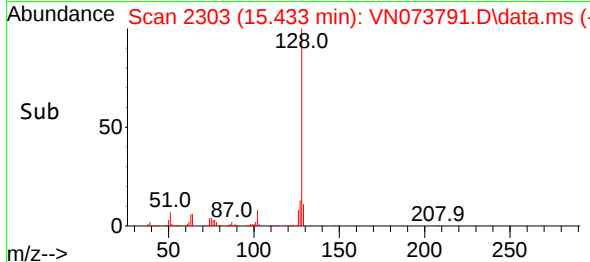
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 96329
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0

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#96
1,2,3-Trichlorobenzene
Concen: 58.151 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073791.D
Acq: 09 Aug 2022 17:07

Tgt Ion:180 Resp: 305194
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.3
145 29.5 15.5 46.5

