

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073833.D
 Acq On : 11 Aug 2022 18:32
 Operator : JC\MD
 Sample : N4172-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT149S1-20220809MSD

Quant Time: Aug 12 06:07:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/12/2022
 Supervised By : Mahesh Dadoda 08/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	407570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	641853	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	597452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	295065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	239164	48.152	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.300%		
35) Dibromofluoromethane	7.951	113	210079	52.123	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.240%		
50) Toluene-d8	10.380	98	775263	48.881	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.760%		
62) 4-Bromofluorobenzene	12.674	95	271442	48.821	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	210421	53.229	ug/l	95
3) Chloromethane	2.263	50	257457	54.408	ug/l	98
4) Vinyl Chloride	2.404	62	314978	45.558	ug/l	100
5) Bromomethane	2.775	94	189357	47.224	ug/l	100
6) Chloroethane	2.940	64	204021	50.620	ug/l	97
7) Trichlorofluoromethane	3.298	101	427539	60.002	ug/l	98
8) Diethyl Ether	3.763	74	134165	50.146	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.128	101	196418	49.824	ug/l	97
10) Methyl Iodide	4.345	142	231363	57.729	ug/l	98
11) Tert butyl alcohol	5.304	59	323699	302.188	ug/l	100
12) 1,1-Dichloroethene	4.098	96	196003	50.687	ug/l	93
13) Acrolein	3.975	56	254754	239.890	ug/l	97
14) Allyl chloride	4.757	41	312202	50.499	ug/l	98
15) Acrylonitrile	5.475	53	785093	264.957	ug/l	99
16) Acetone	4.222	43	671767	251.809	ug/l	99
17) Carbon Disulfide	4.451	76	508939	49.637	ug/l	100
18) Methyl Acetate	4.775	43	331397	49.931	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	852590	64.539	ug/l	97
20) Methylene Chloride	5.004	84	235288	54.727	ug/l	97
21) trans-1,2-Dichloroethene	5.504	96	213780	51.071	ug/l	95
22) Diisopropyl ether	6.410	45	679567	50.950	ug/l	98
23) Vinyl Acetate	6.351	43	2875231	257.114	ug/l	100
24) 1,1-Dichloroethane	6.304	63	397576	48.452	ug/l	99
25) 2-Butanone	7.257	43	1076788	259.907	ug/l	98
26) 2,2-Dichloropropane	7.245	77	265406	42.040	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	257493	49.927	ug/l	95
28) Bromochloromethane	7.581	49	161302	46.817	ug/l	99
29) Tetrahydrofuran	7.610	42	705102	269.185	ug/l	100
30) Chloroform	7.745	83	416872	48.761	ug/l	97
31) Cyclohexane	8.022	56	342815	46.360	ug/l	94
32) 1,1,1-Trichloroethane	7.945	97	358636	50.522	ug/l	98
36) 1,1-Dichloropropene	8.151	75	302401	52.643	ug/l	99
37) Ethyl Acetate	7.339	43	398306	52.651	ug/l	98
38) Carbon Tetrachloride	8.133	117	315989	54.161	ug/l	99
39) Methylcyclohexane	9.392	83	364122	53.045	ug/l	97
40) Benzene	8.392	78	951936	51.033	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	188739	55.135	ug/l	96
42) 1,2-Dichloroethane	8.463	62	325692	51.807	ug/l	99
43) Isopropyl Acetate	8.498	43	543912	53.230	ug/l	99
44) Trichloroethene	9.151	130	265107	56.044	ug/l	98
45) 1,2-Dichloropropane	9.427	63	237872	51.018	ug/l	99
46) Dibromomethane	9.516	93	169111	52.259	ug/l	97
47) Bromodichloromethane	9.698	83	323158	52.032	ug/l	99
48) Methyl methacrylate	9.498	41	256569	57.363	ug/l	94
49) 1,4-Dioxane	9.504	88	155471	1233.109	ug/l	96
51) 4-Methyl-2-Pentanone	10.274	43	2057811	280.785	ug/l	99
52) Toluene	10.445	92	612957	53.797	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	342660	55.847	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	367524	53.155	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	250585	52.741	ug/l	98
56) Ethyl methacrylate	10.704	69	402492	61.464	ug/l	98
57) 1,3-Dichloropropane	10.986	76	423503	52.536	ug/l	99
59) 2-Hexanone	11.027	43	1632876	294.075	ug/l	100
60) Dibromochloromethane	11.180	129	269247	56.962	ug/l	100
61) 1,2-Dibromoethane	11.286	107	267653	54.697	ug/l	100
64) Tetrachloroethene	10.916	164	236154	49.736	ug/l	98
65) Chlorobenzene	11.710	112	659795	51.992	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	249775	54.875	ug/l	99
67) Ethyl Benzene	11.786	91	1172370	54.760	ug/l	100
68) m/p-Xylenes	11.892	106	912342	111.731	ug/l	100
69) o-Xylene	12.221	106	449720	56.492	ug/l	100
70) Styrene	12.239	104	751293	58.955	ug/l	98
71) Bromoform	12.398	173	221856	59.051	ug/l #	99
73) Isopropylbenzene	12.521	105	1168415	54.094	ug/l	99
74) N-amyl acetate	12.333	43	450423	55.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	411656	49.389	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	307361m	57.335	ug/l	
77) Bromobenzene	12.798	156	296169	52.653	ug/l	98
78) n-propylbenzene	12.863	91	1335295	54.942	ug/l	100
79) 2-Chlorotoluene	12.945	91	792263	52.230	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	968542	54.489	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	125932	55.310	ug/l	97
82) 4-Chlorotoluene	13.045	91	764318	53.165	ug/l	97
83) tert-Butylbenzene	13.262	119	899407	57.126	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	977327	55.917	ug/l	99
85) sec-Butylbenzene	13.439	105	1208601	55.541	ug/l	99
86) p-Isopropyltoluene	13.557	119	1015086	59.174	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	529694	51.591	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	521766	50.791	ug/l	98
89) n-Butylbenzene	13.880	91	781972	56.025	ug/l	99
90) Hexachloroethane	14.151	117	182939	53.750	ug/l	95
91) 1,2-Dichlorobenzene	13.927	146	544160	52.302	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	94882	56.658	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	306125	59.250	ug/l	100
94) Hexachlorobutadiene	15.304	225	157890	56.212	ug/l	98
95) Naphthalene	15.439	128	1073951	64.055	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	325287	59.820	ug/l	99

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

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

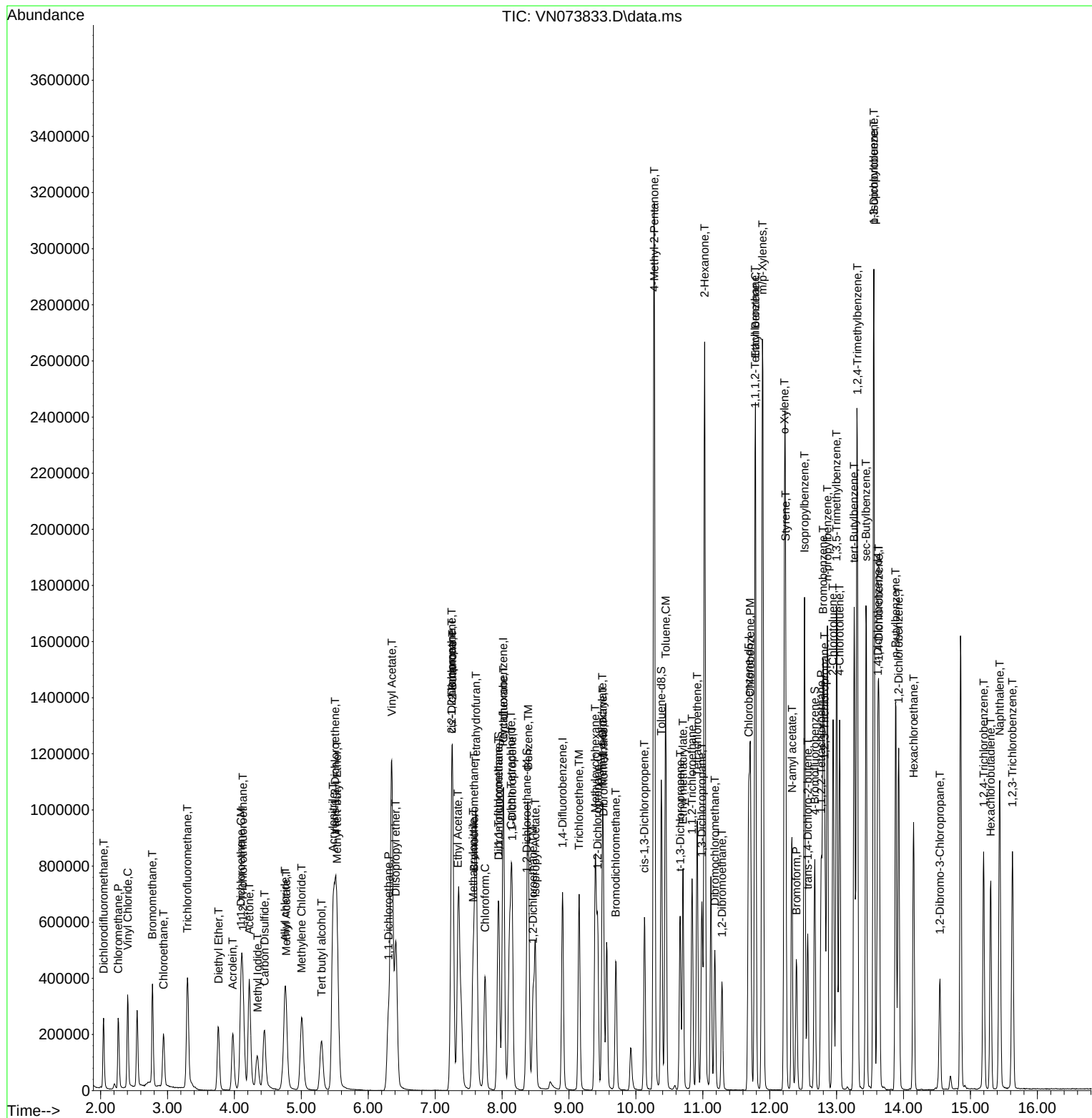
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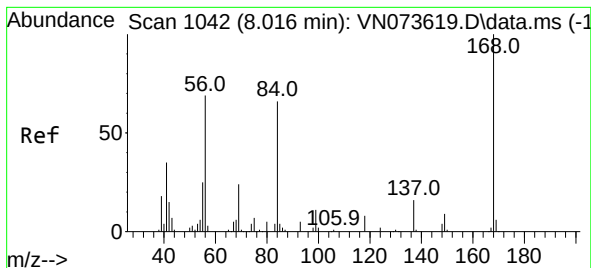
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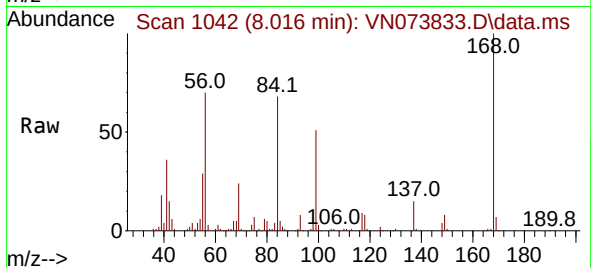
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073833.D
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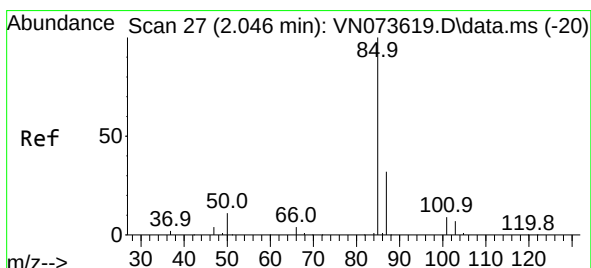
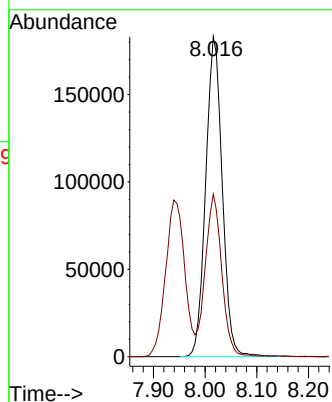
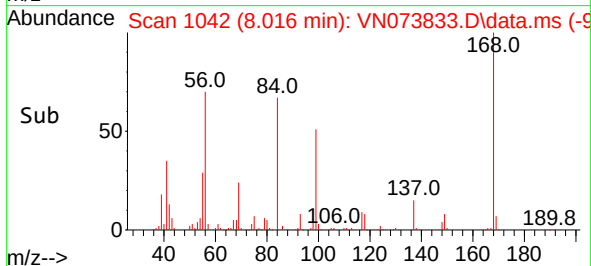
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion:168 Resp: 407570
Ion Ratio Lower Upper
168 100
99 50.6 42.3 63.5

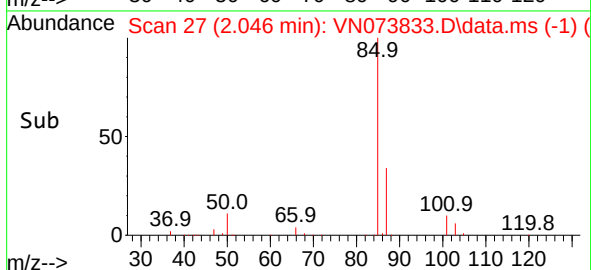
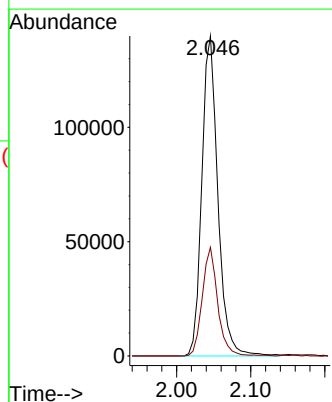
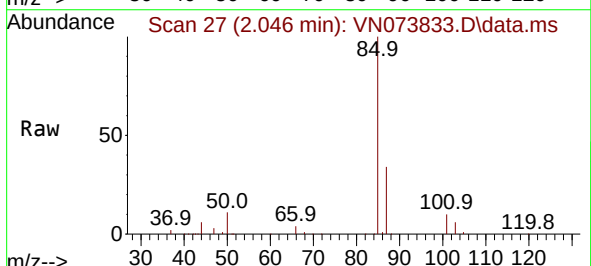
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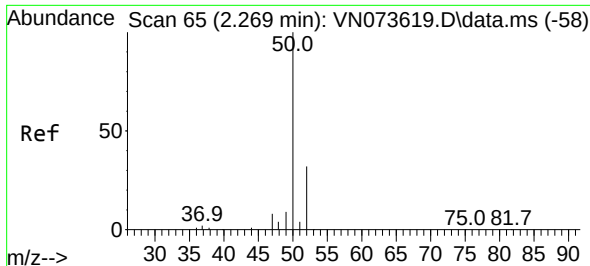
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#2
Dichlorodifluoromethane
Concen: 53.229 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

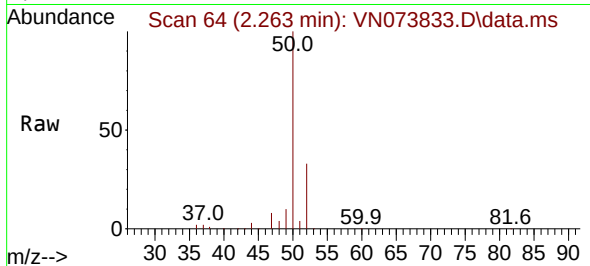
Tgt Ion: 85 Resp: 210421
Ion Ratio Lower Upper
85 100
87 33.9 15.7 47.1





#3
Chloromethane
Concen: 54.408 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

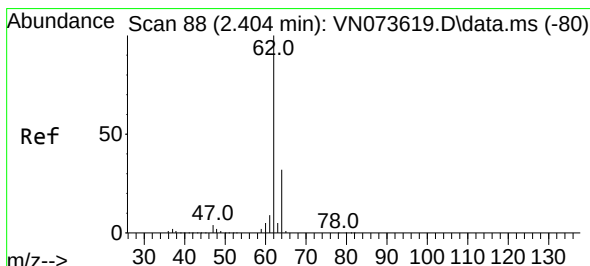
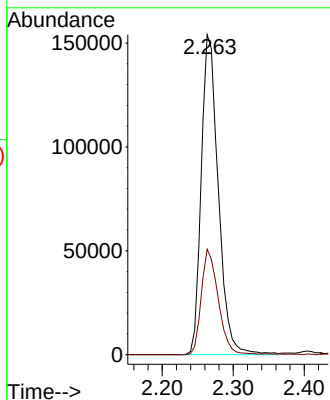
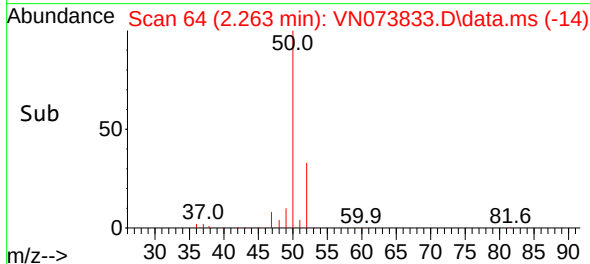
Instrument :
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Tgt Ion: 50 Resp: 25745
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5

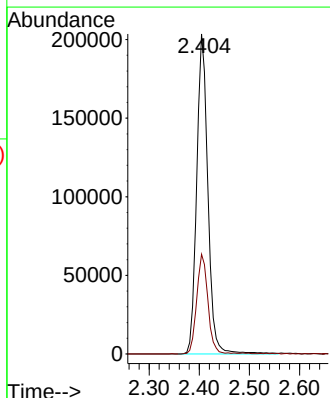
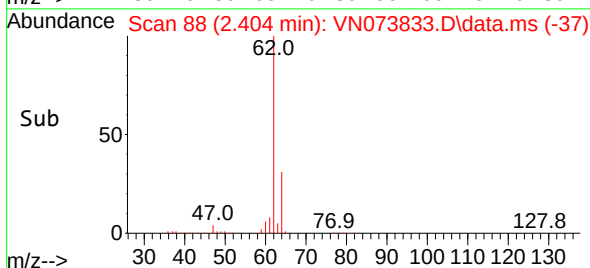
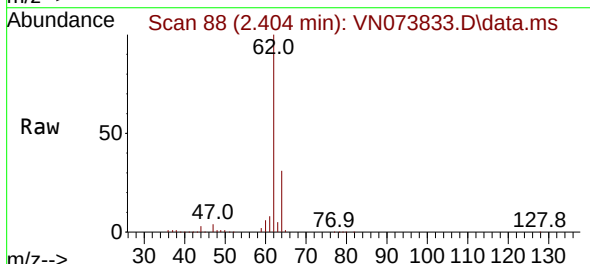
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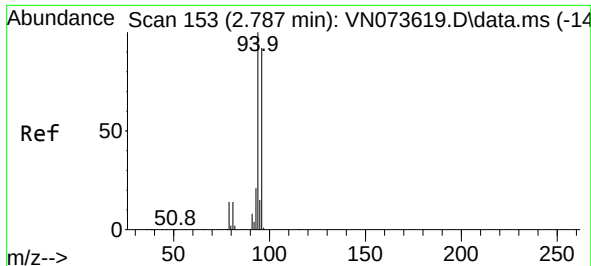
Reviewed By :John Carlone 08/12/2022
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#4
Vinyl Chloride
Concen: 45.558 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

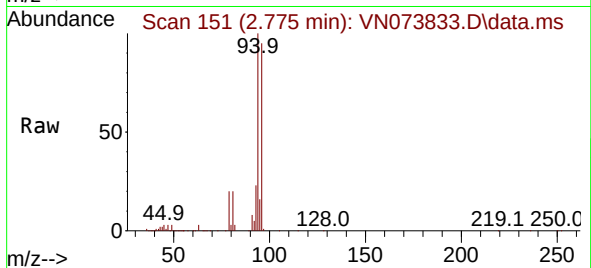
Tgt Ion: 62 Resp: 314978
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.4





#5
Bromomethane
Concen: 47.224 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

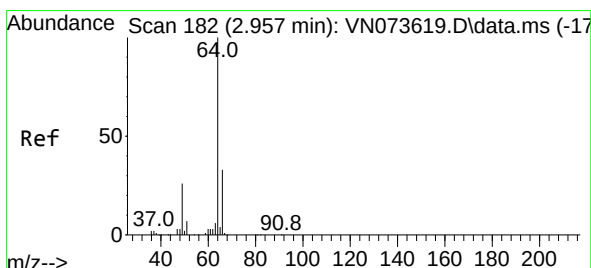
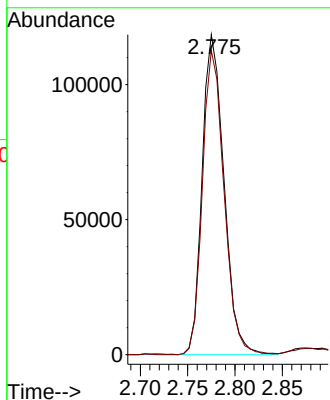
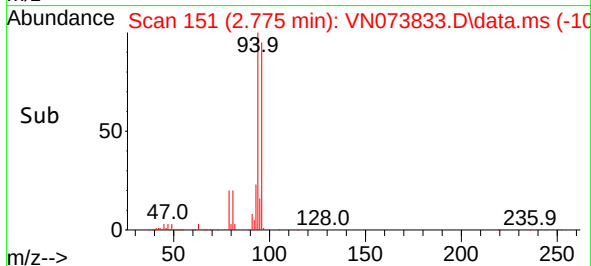
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Tgt Ion: 94 Resp: 18935
Ion Ratio Lower Upper
94 100
96 95.1 76.0 114.0

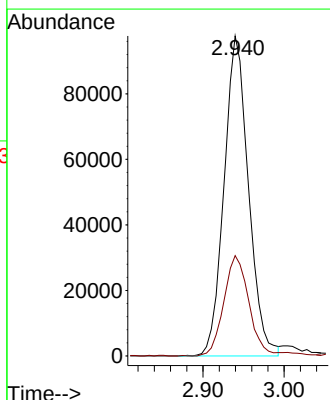
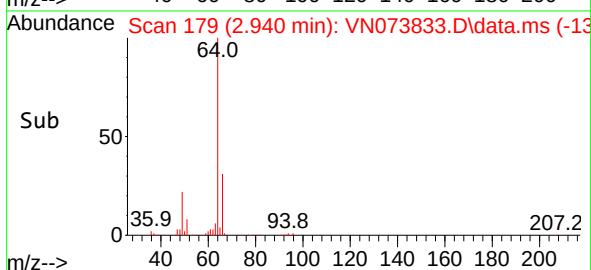
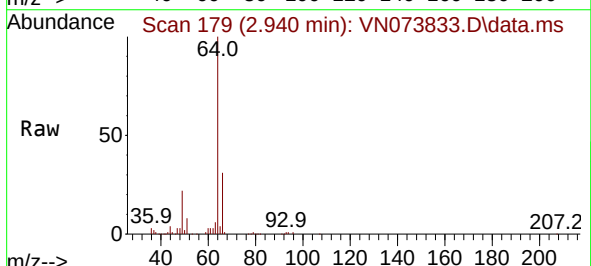
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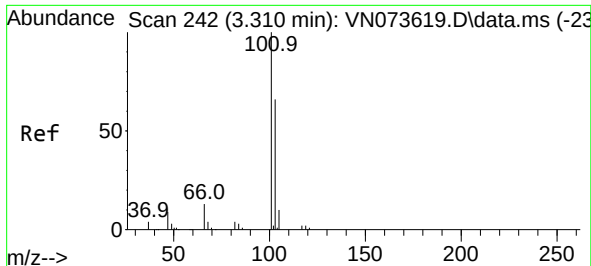
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#6
Chloroethane
Concen: 50.620 ug/l
RT: 2.940 min Scan# 179
Delta R.T. -0.017 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

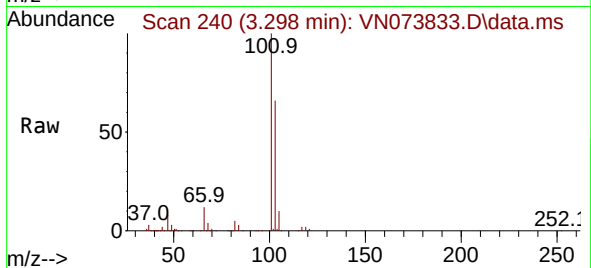
Tgt Ion: 64 Resp: 204021
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 60.002 ug/l
RT: 3.298 min Scan# 242
Delta R.T. -0.012 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

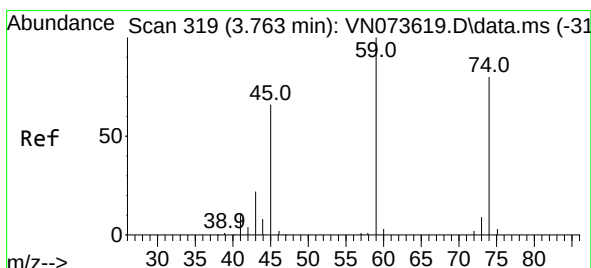
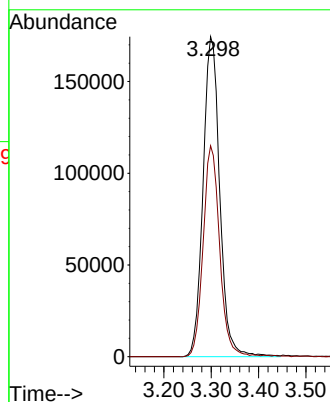
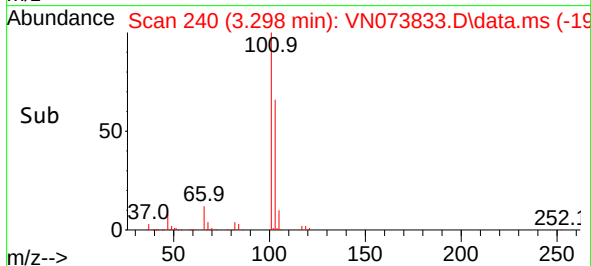
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Tgt Ion:101 Resp: 427539
Ion Ratio Lower Upper
101 100
103 65.9 51.5 77.3

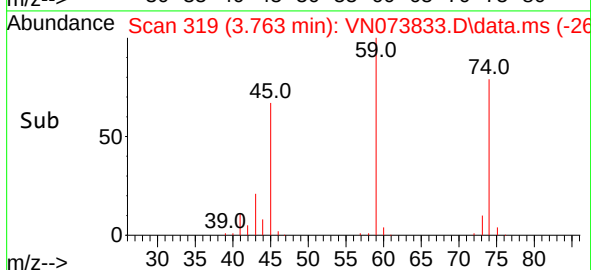
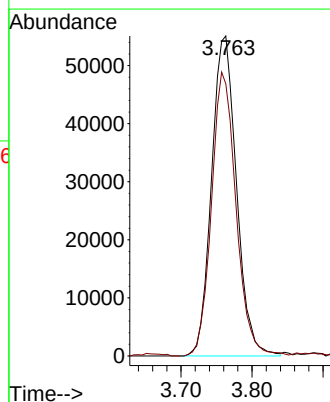
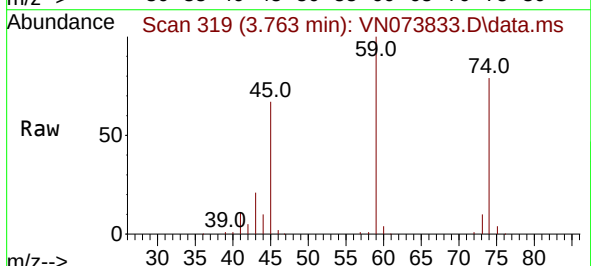
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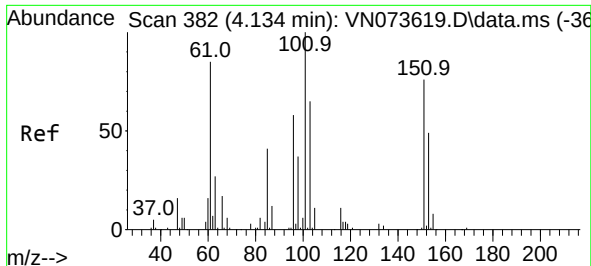
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#8
Diethyl Ether
Concen: 50.146 ug/l
RT: 3.763 min Scan# 319
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

Tgt Ion: 74 Resp: 134165
Ion Ratio Lower Upper
74 100
45 87.5 42.9 128.5





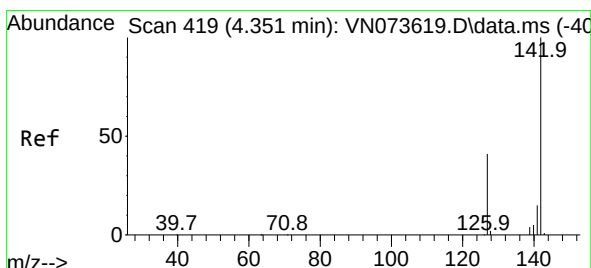
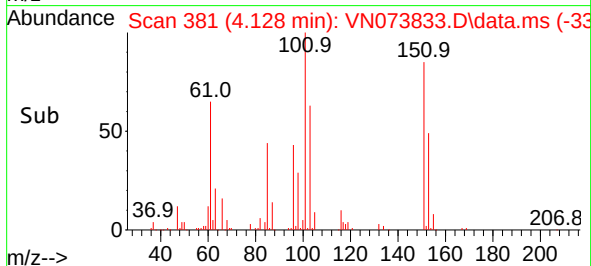
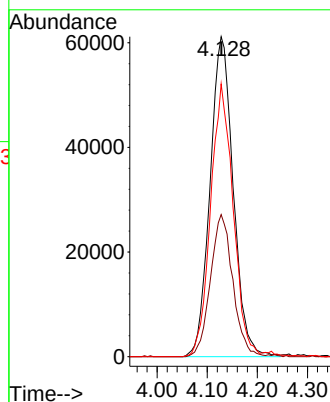
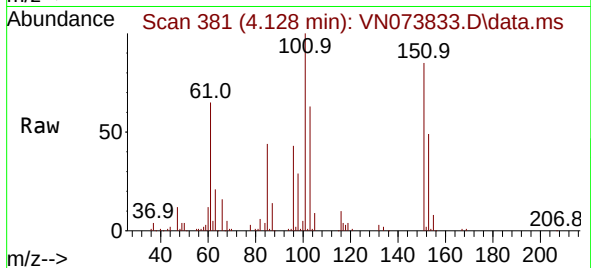
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.824 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD

Tgt Ion:101 Resp: 196418
Ion Ratio Lower Upper
101 100
85 42.9 34.7 52.1
151 82.9 63.0 94.4

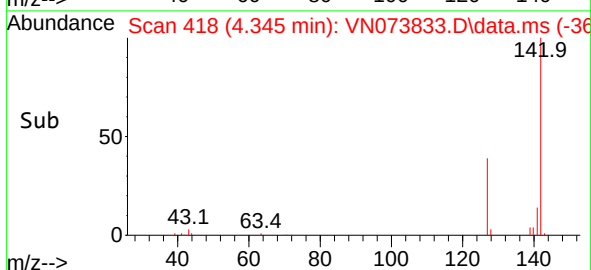
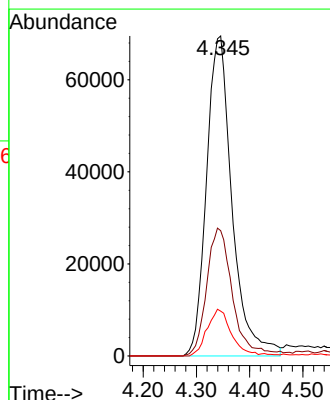
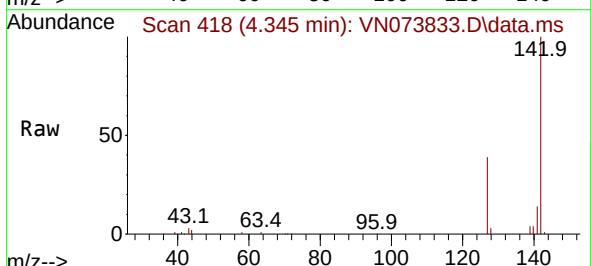
Manual Integrations
APPROVED

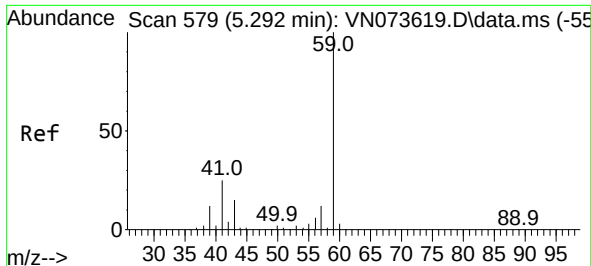
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#10
Methyl Iodide
Concen: 57.729 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

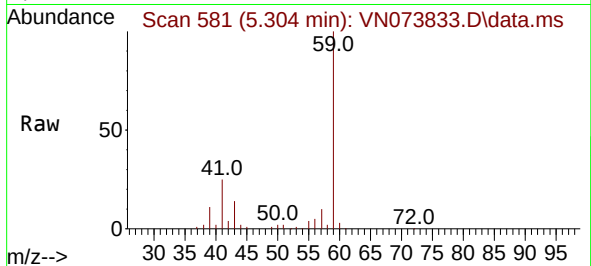
Tgt Ion:142 Resp: 231363
Ion Ratio Lower Upper
142 100
127 40.5 31.3 46.9
141 13.8 11.2 16.8





#11
Tert butyl alcohol
Concen: 302.188 ug/l
RT: 5.304 min Scan# 579
Delta R.T. 0.012 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

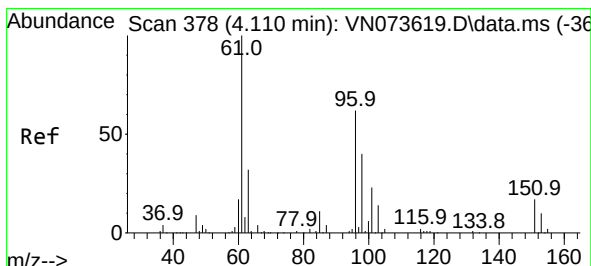
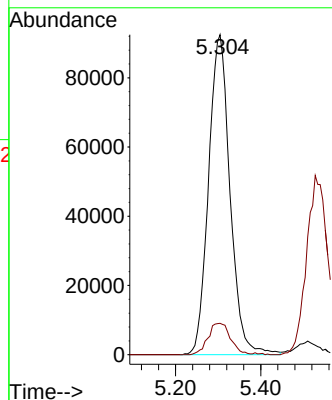
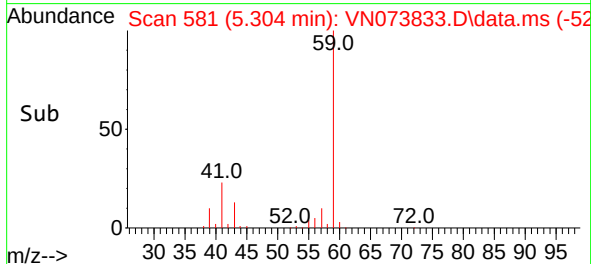
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



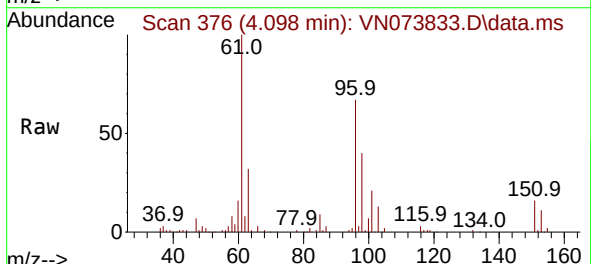
Tgt Ion: 59 Resp: 323699
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

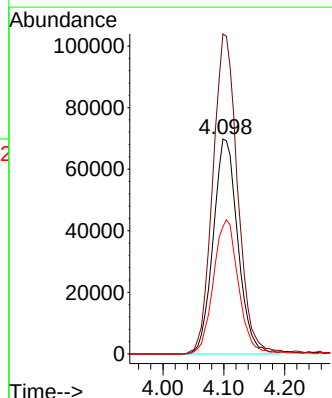
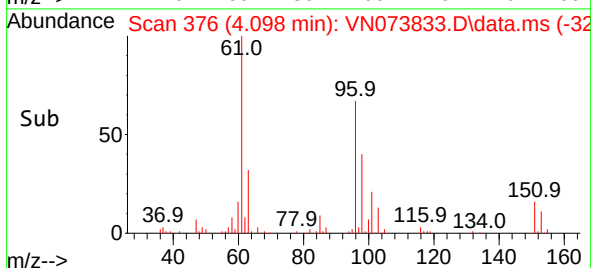
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

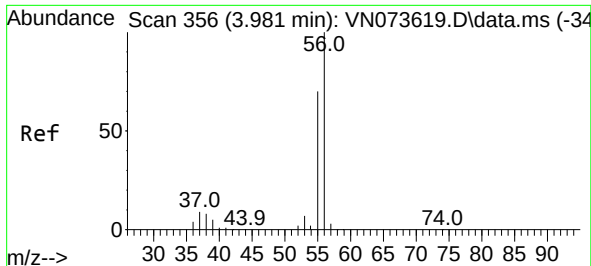


#12
1,1-Dichloroethene
Concen: 50.687 ug/l
RT: 4.098 min Scan# 376
Delta R.T. -0.012 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32



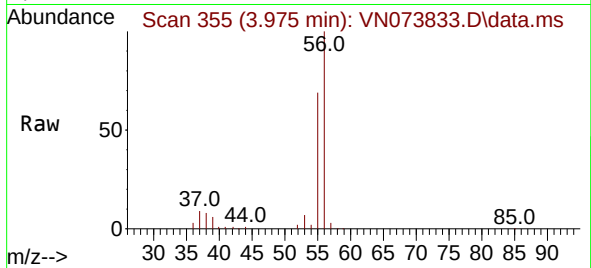
Tgt Ion: 96 Resp: 196003
Ion Ratio Lower Upper
96 100
61 148.9 127.6 191.4
98 59.2 51.2 76.8





#13
Acrolein
Concen: 239.890 ug/l
RT: 3.975 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

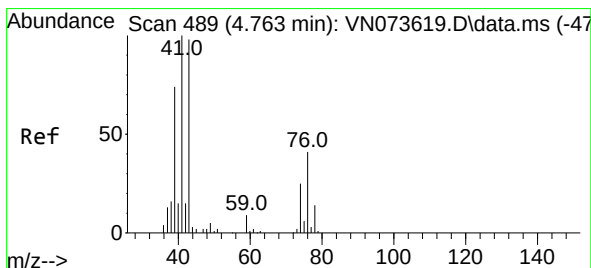
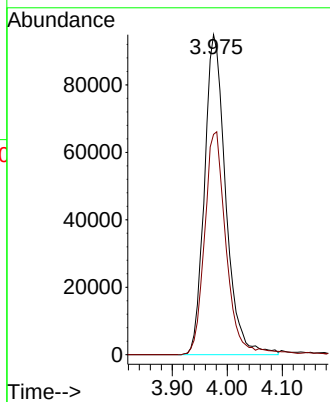
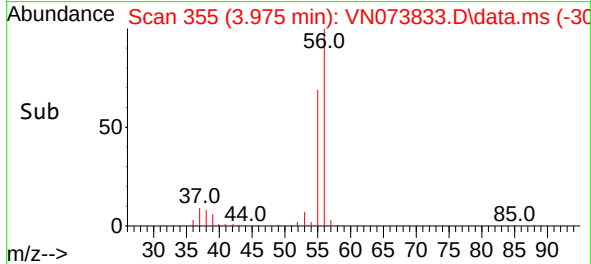
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion: 56 Resp: 254754
Ion Ratio Lower Upper
56 100
55 70.8 54.8 82.2

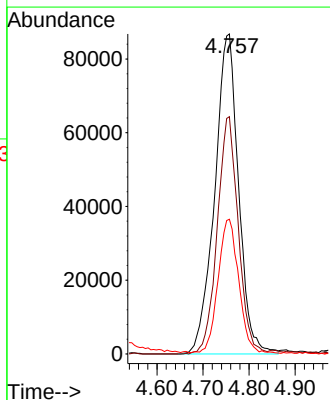
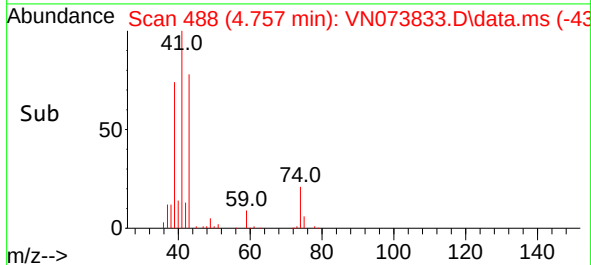
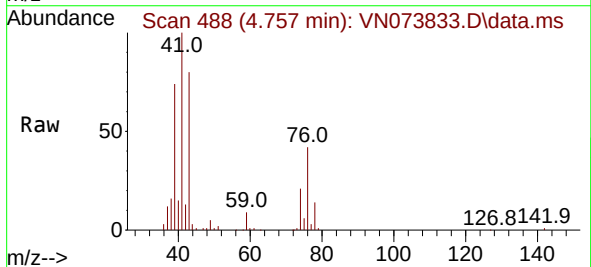
Manual Integrations
APPROVED

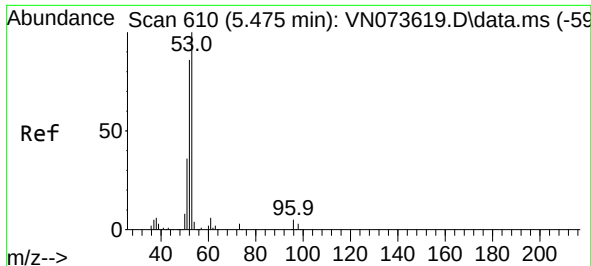
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#14
Allyl chloride
Concen: 50.499 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

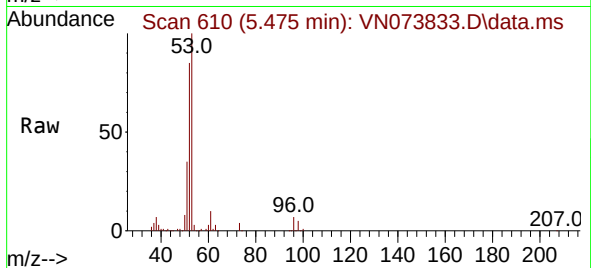
Tgt Ion: 41 Resp: 312202
Ion Ratio Lower Upper
41 100
39 65.0 53.2 79.8
76 36.3 29.9 44.9





#15
Acrylonitrile
Concen: 264.957 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

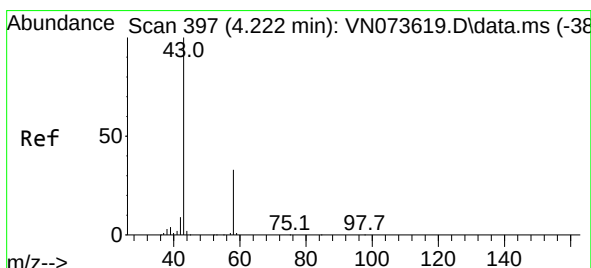
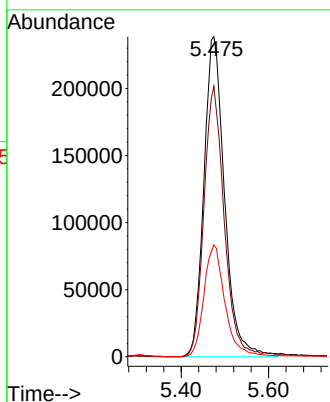
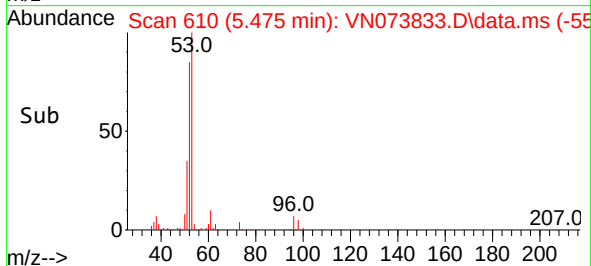
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion: 53 Resp: 78509
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 35.6 28.5 42.7

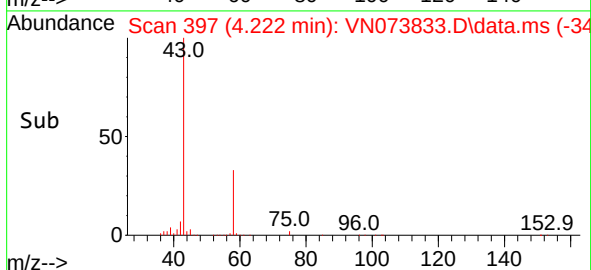
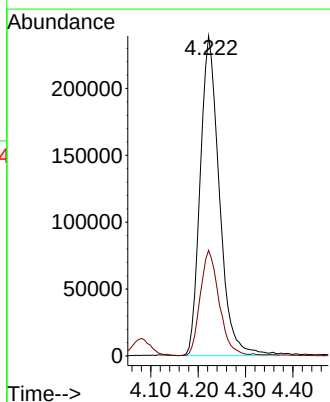
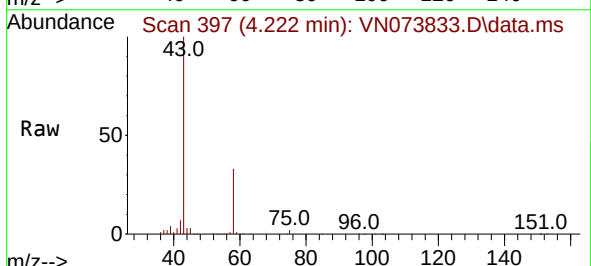
Manual Integrations
APPROVED

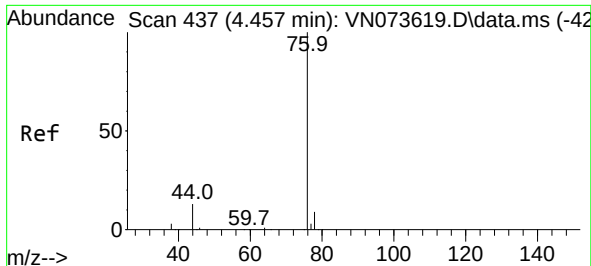
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#16
Acetone
Concen: 251.809 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

Tgt Ion: 43 Resp: 671767
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0





#17

Carbon Disulfide

Concen: 49.637 ug/l

RT: 4.451 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

TT149S1-20220809MSD

Tgt Ion: 76 Resp: 508939

Ion Ratio Lower Upper

76 100

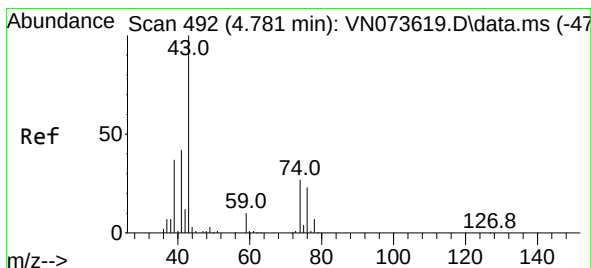
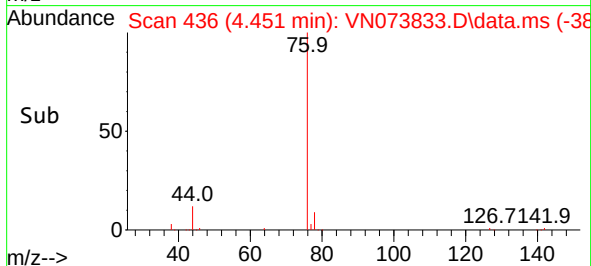
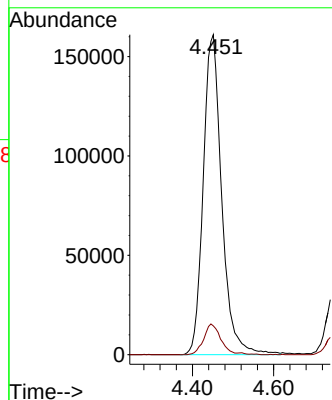
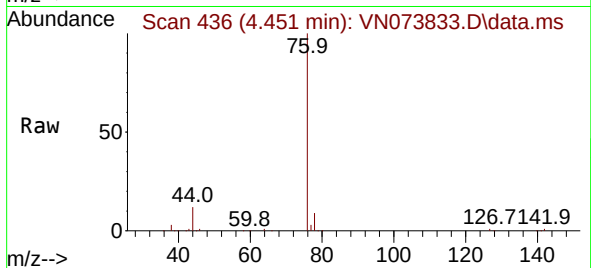
78 9.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#18

Methyl Acetate

Concen: 49.931 ug/l

RT: 4.775 min Scan# 491

Delta R.T. -0.006 min

Lab File: VN073833.D

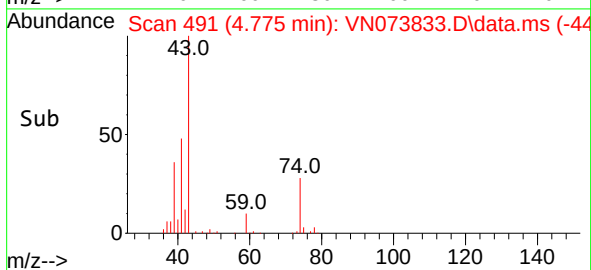
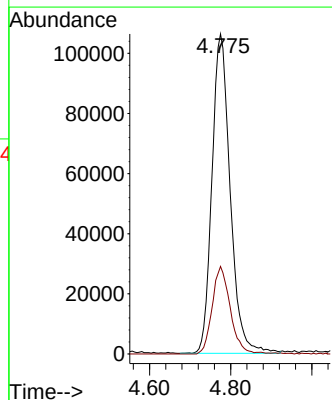
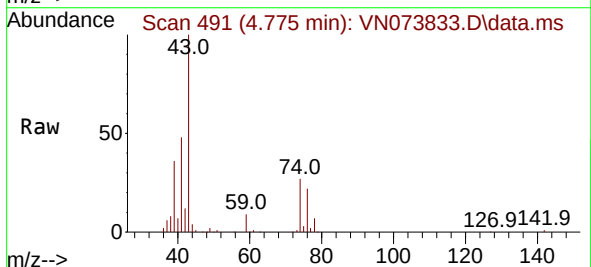
Acq: 11 Aug 2022 18:32

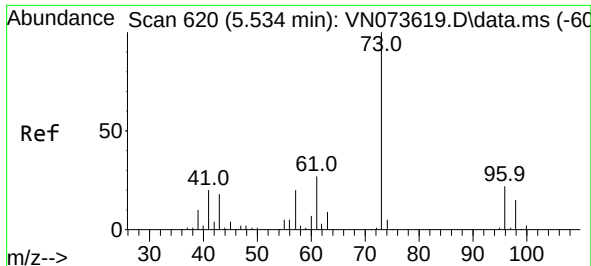
Tgt Ion: 43 Resp: 331397

Ion Ratio Lower Upper

43 100

74 26.9 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 64.539 ug/l

RT: 5.534 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

TT149S1-20220809MSD

Tgt Ion: 73 Resp: 852590

Ion Ratio Lower Upper

73 100

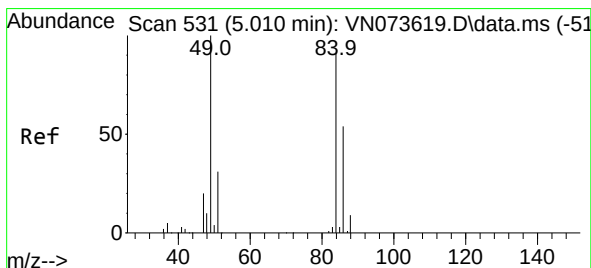
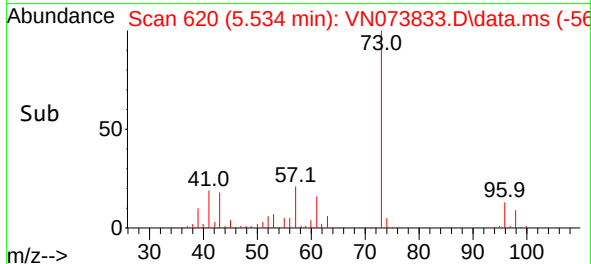
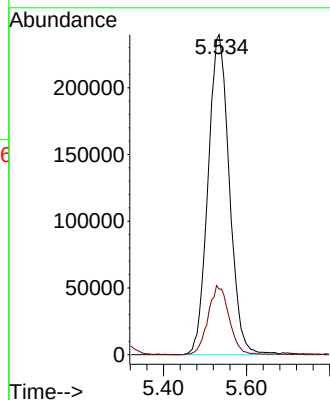
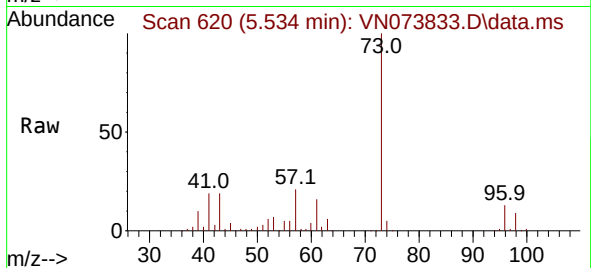
57 20.5 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#20

Methylene Chloride

Concen: 54.727 ug/l

RT: 5.004 min Scan# 530

Delta R.T. -0.006 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Tgt Ion: 84 Resp: 235288

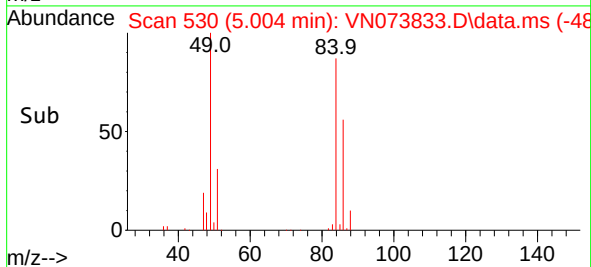
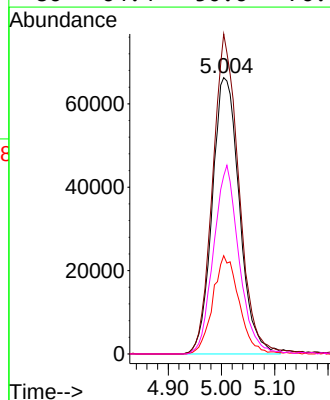
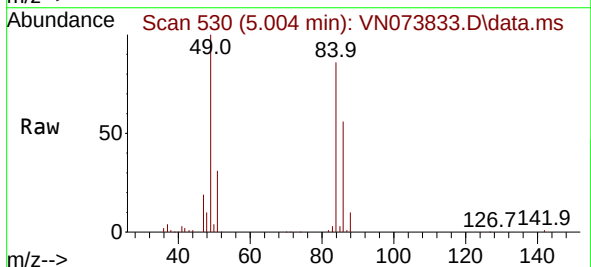
Ion Ratio Lower Upper

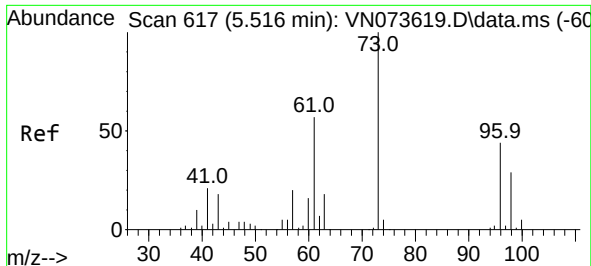
84 100

49 115.8 88.3 132.5

51 35.5 28.2 42.2

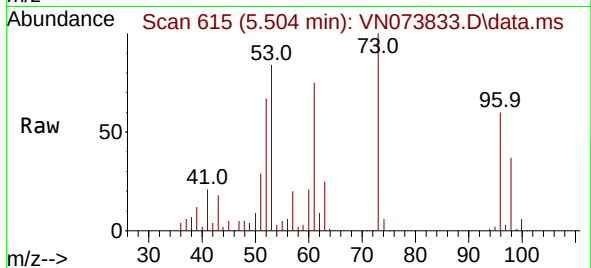
86 64.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 51.071 ug/l
RT: 5.504 min Scan# 615
Delta R.T. -0.012 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

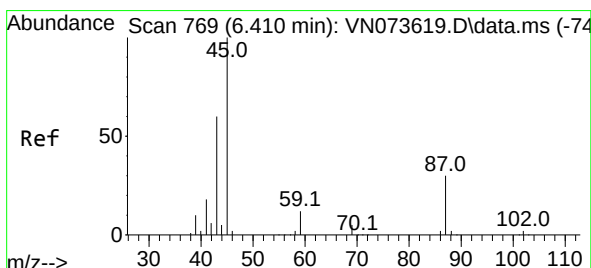
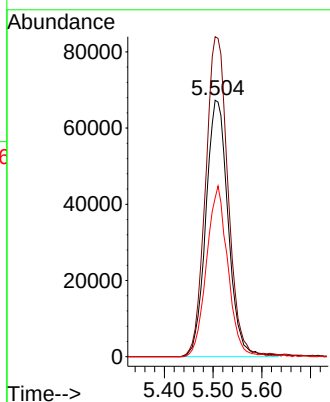
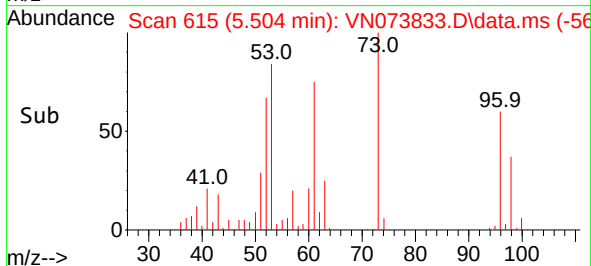
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion: 96 Resp: 213780
Ion Ratio Lower Upper
96 100
61 124.8 105.8 158.8
98 61.9 50.3 75.5

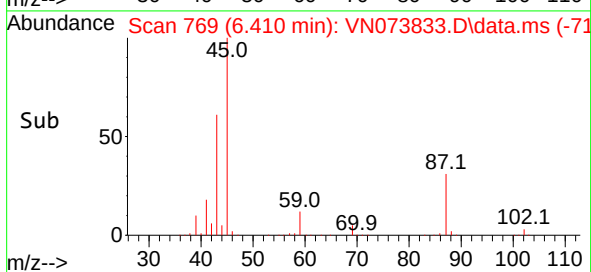
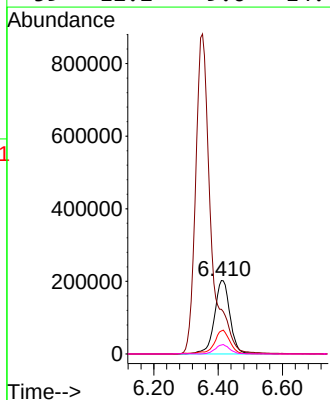
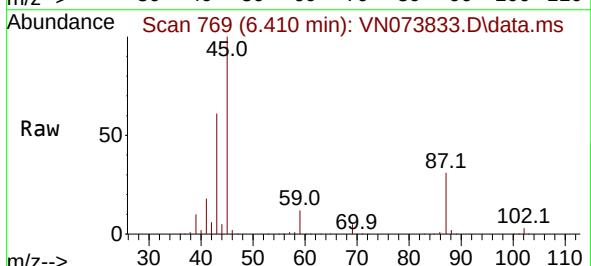
Manual Integrations
APPROVED

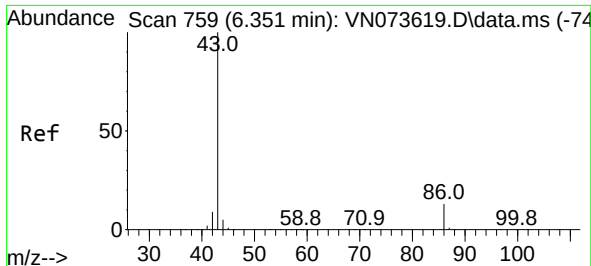
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#22
Diisopropyl ether
Concen: 50.950 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

Tgt Ion: 45 Resp: 679567
Ion Ratio Lower Upper
45 100
43 60.7 46.6 70.0
87 31.3 24.3 36.5
59 12.2 9.6 14.4





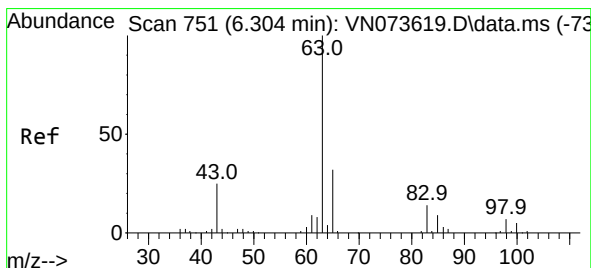
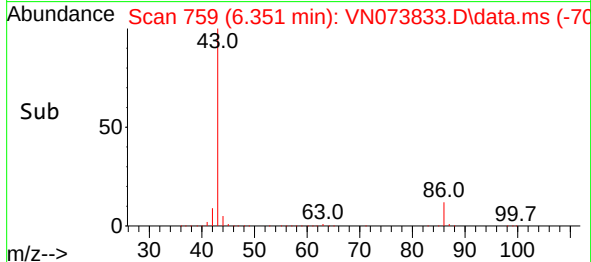
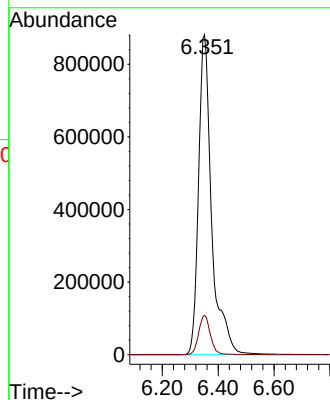
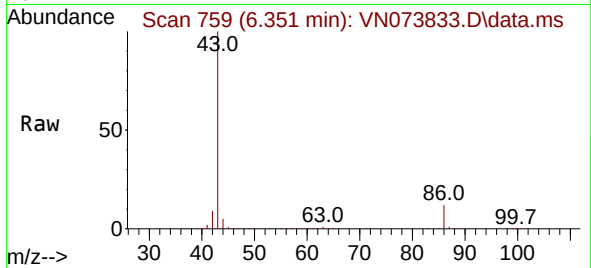
#23
 Vinyl Acetate
 Concen: 257.114 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073833.D
 Acq: 11 Aug 2022 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 TT149S1-20220809MSD

Tgt Ion: 43 Resp: 287523
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.0 15.0

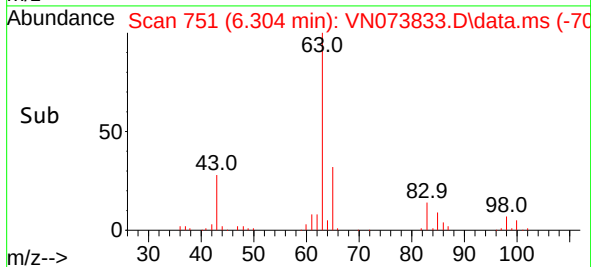
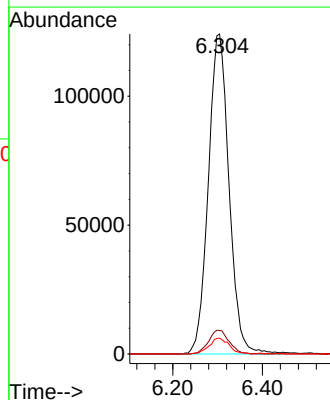
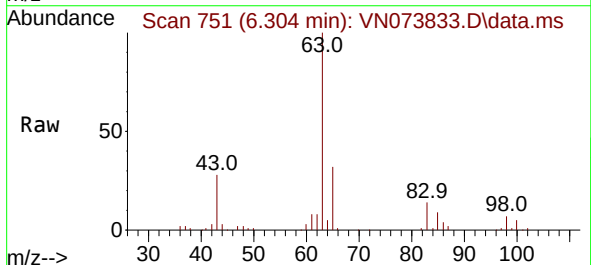
Manual Integrations
 APPROVED

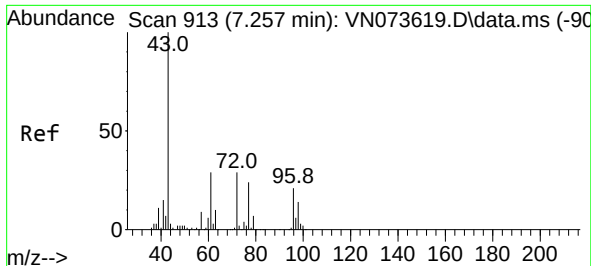
Reviewed By :John Carlone 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022



#24
 1,1-Dichloroethane
 Concen: 48.452 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.000 min
 Lab File: VN073833.D
 Acq: 11 Aug 2022 18:32

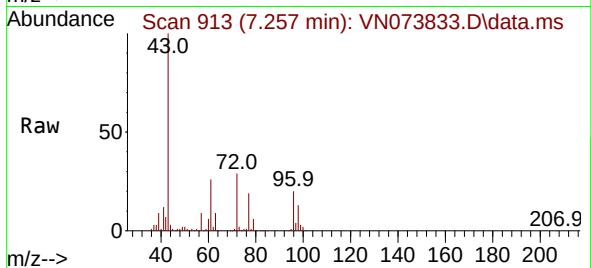
Tgt Ion: 63 Resp: 397576
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 5.0 2.3 6.8





#25
2-Butanone
Concen: 259.907 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

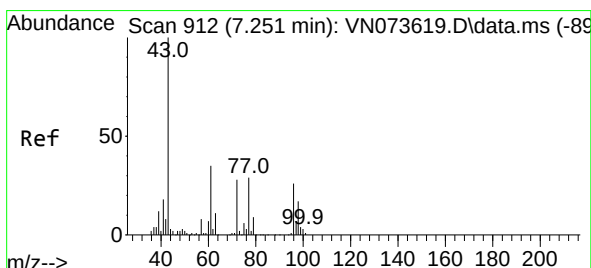
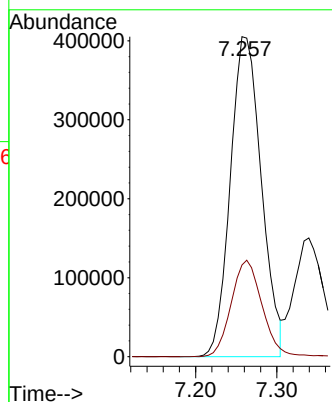
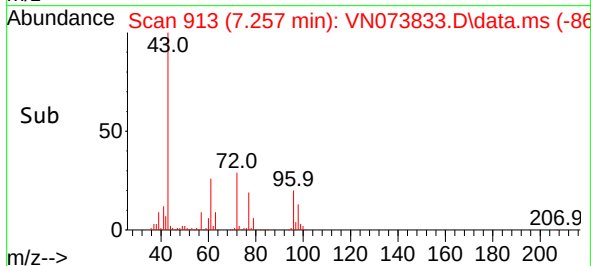
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion: 43 Resp: 107678
Ion Ratio Lower Upper
43 100
72 28.7 23.7 35.5

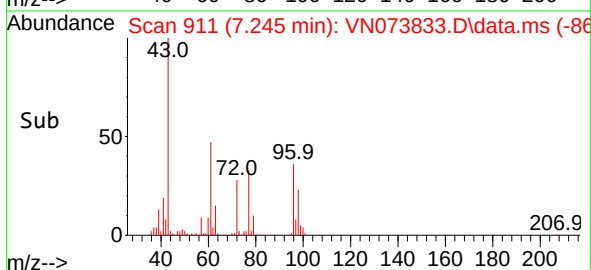
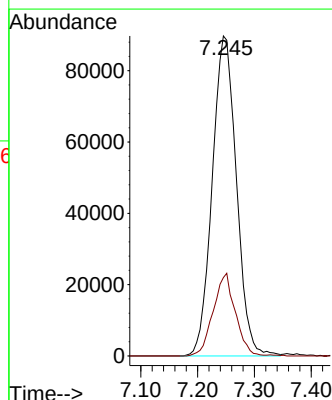
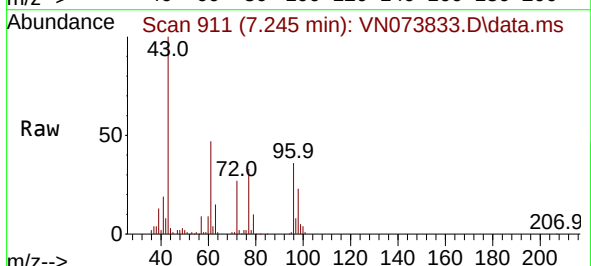
Manual Integrations
APPROVED

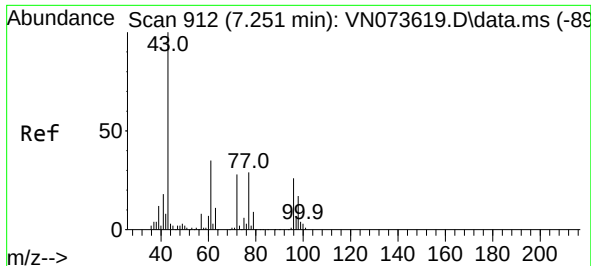
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#26
2,2-Dichloropropane
Concen: 42.040 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

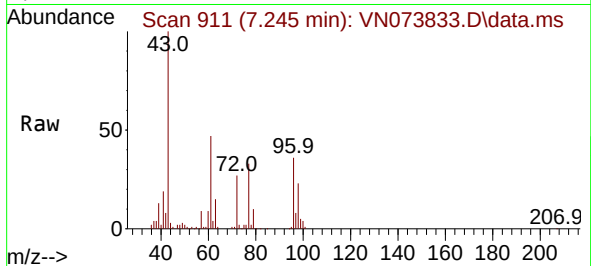
Tgt Ion: 77 Resp: 265406
Ion Ratio Lower Upper
77 100
97 23.6 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 49.927 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073833.D
 Acq: 11 Aug 2022 18:32

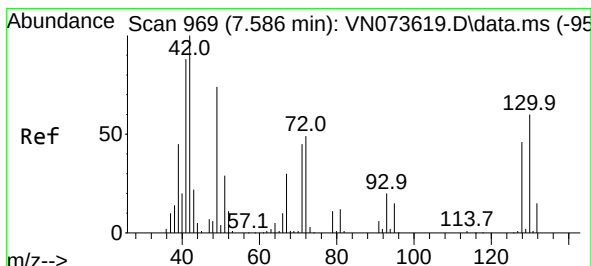
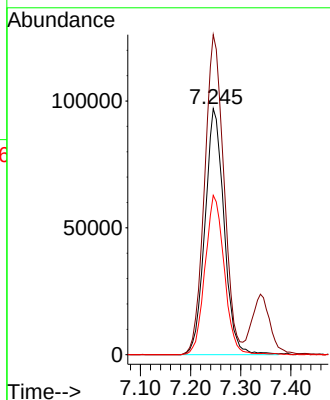
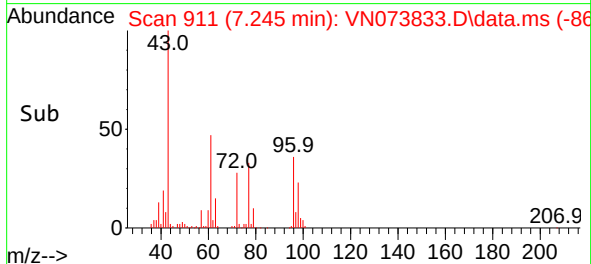
Instrument :
 MSVOA_N
 ClientSampleId :
 TT149S1-20220809MSD



Tgt Ion: 96 Resp: 25749
 Ion Ratio Lower Upper
 96 100
 61 131.2 0.0 280.6
 98 65.1 0.0 128.4

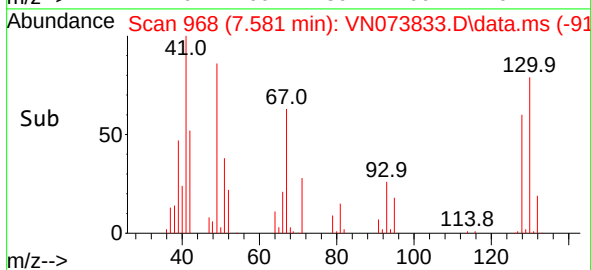
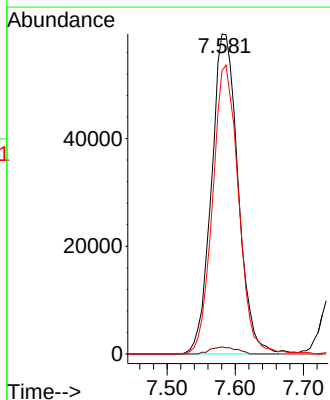
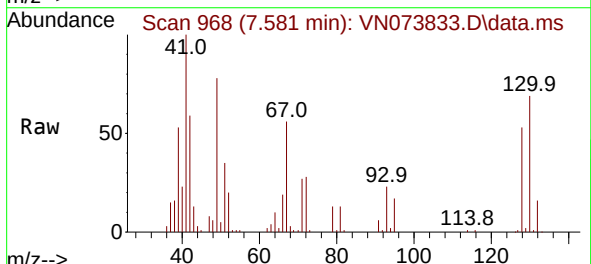
Manual Integrations
 APPROVED

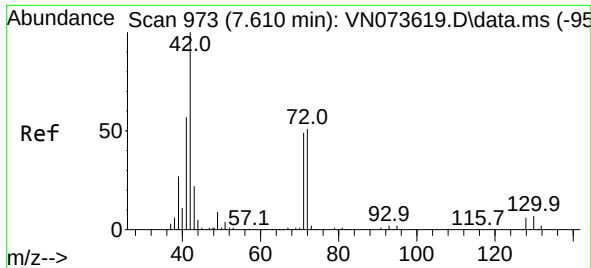
Reviewed By :John Carlone 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022



#28
 Bromochloromethane
 Concen: 46.817 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073833.D
 Acq: 11 Aug 2022 18:32

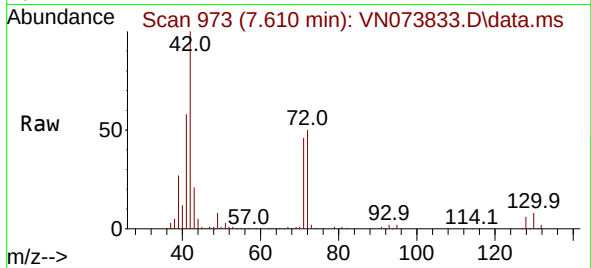
Tgt Ion: 49 Resp: 161302
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 87.9 69.7 104.5





#29
Tetrahydrofuran
Concen: 269.185 ug/l
RT: 7.610 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

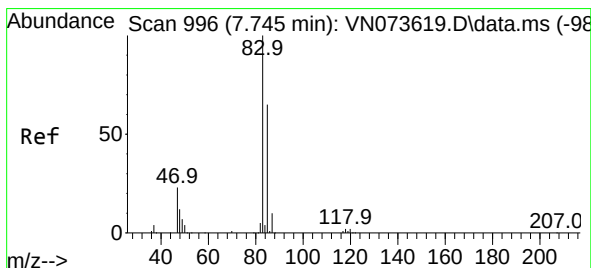
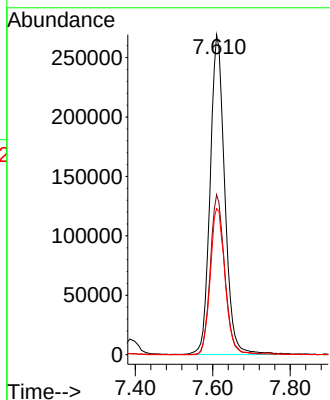
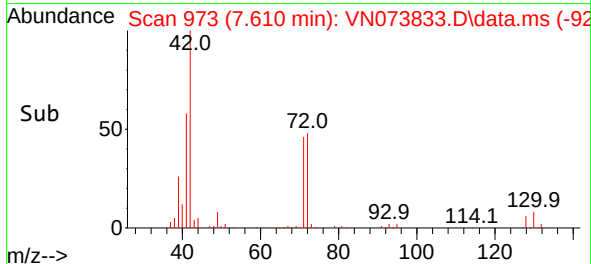
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion: 42 Resp: 70510
Ion Ratio Lower Upper
42 100
72 49.5 39.7 59.5
71 46.3 36.6 55.0

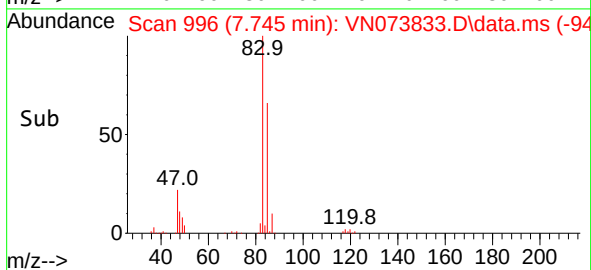
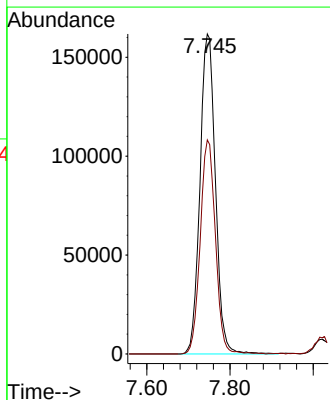
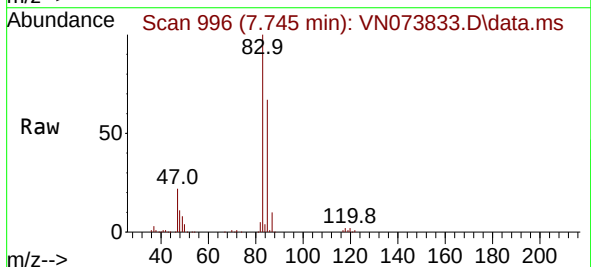
Manual Integrations
APPROVED

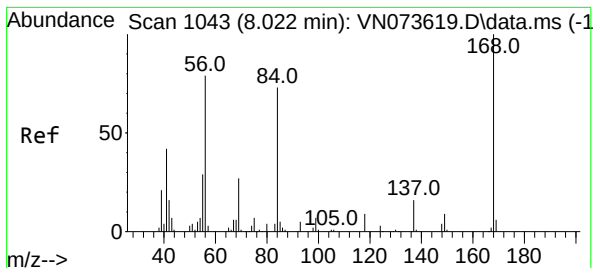
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#30
Chloroform
Concen: 48.761 ug/l
RT: 7.745 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

Tgt Ion: 83 Resp: 416872
Ion Ratio Lower Upper
83 100
85 66.9 51.8 77.8





#31

Cyclohexane

Concen: 46.360 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN073833.D

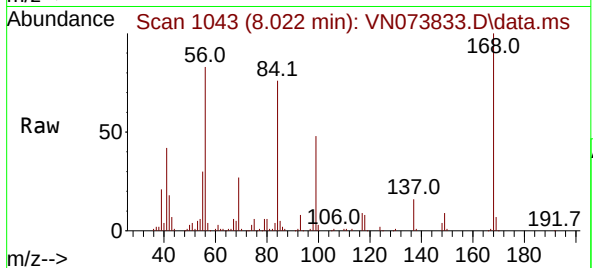
Acq: 11 Aug 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

TT149S1-20220809MSD



Tgt Ion: 56 Resp: 34281

Ion Ratio Lower Upper

56 100

69 32.8 27.8 41.8

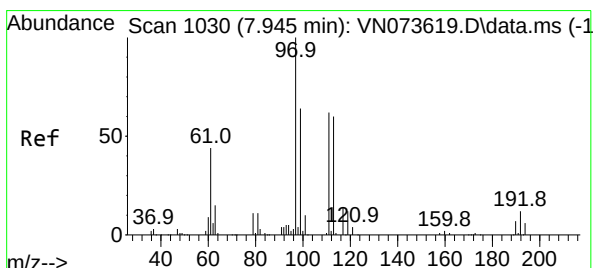
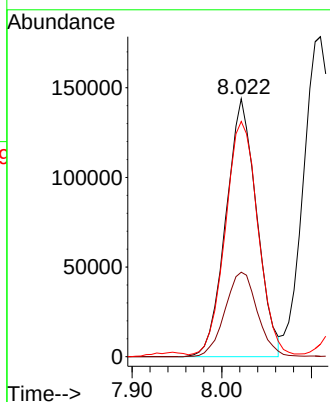
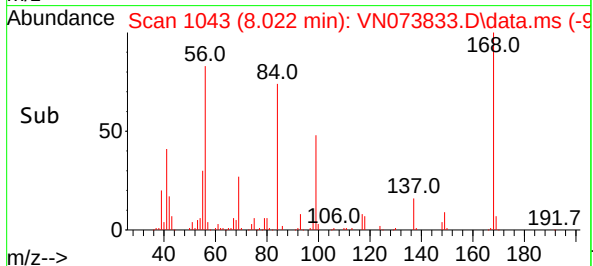
84 89.7 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#32

1,1,1-Trichloroethane

Concen: 50.522 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

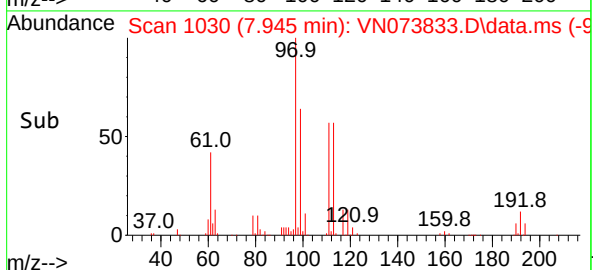
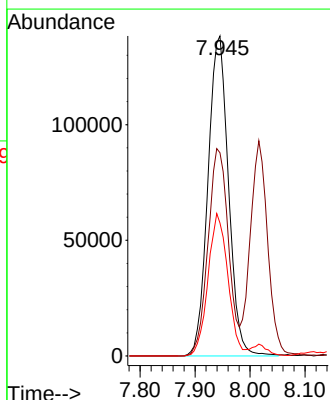
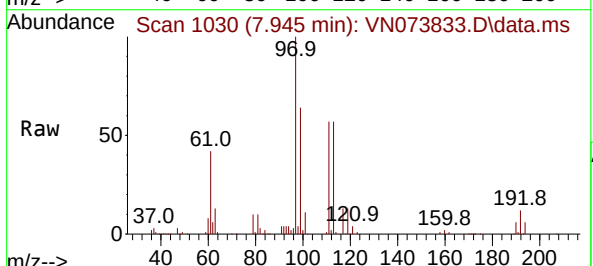
Tgt Ion: 97 Resp: 358636

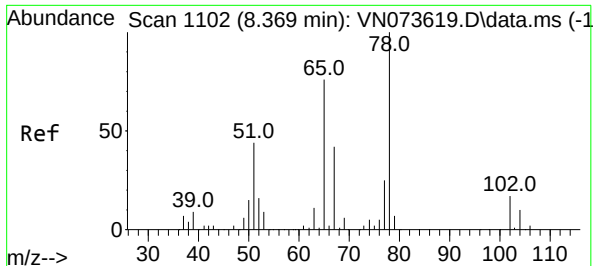
Ion Ratio Lower Upper

97 100

99 64.5 50.6 76.0

61 43.3 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 48.152 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

TT149S1-20220809MSD

Tgt Ion: 65 Resp: 239164

Ion Ratio Lower Upper

65 100

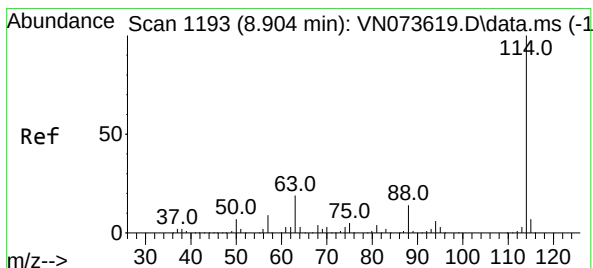
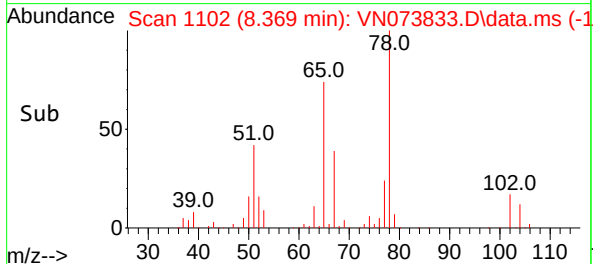
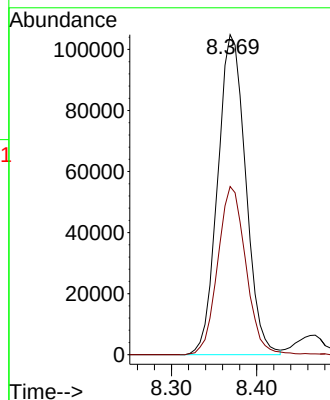
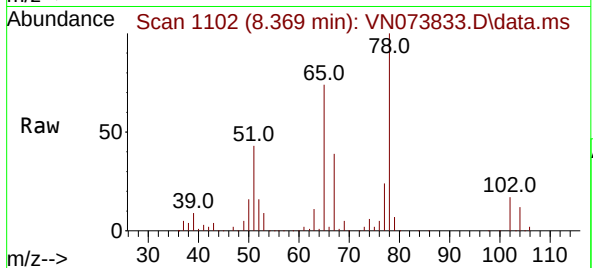
67 52.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

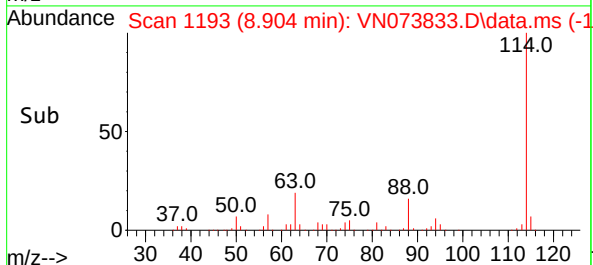
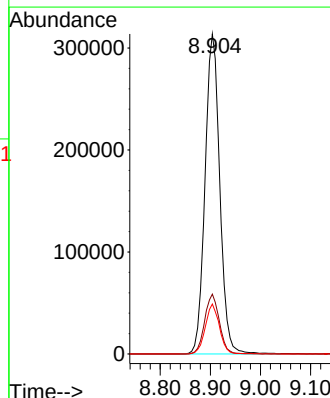
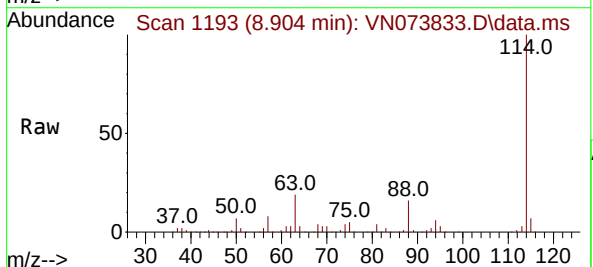
Tgt Ion:114 Resp: 641853

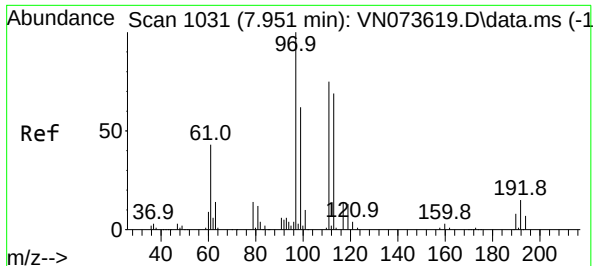
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.123 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

TT149S1-20220809MSD

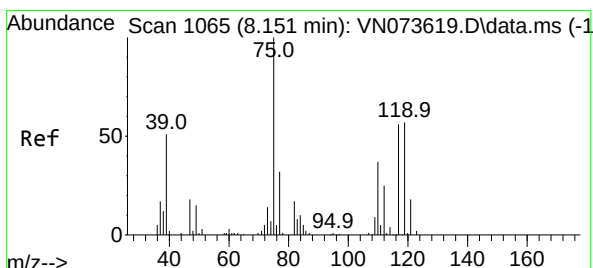
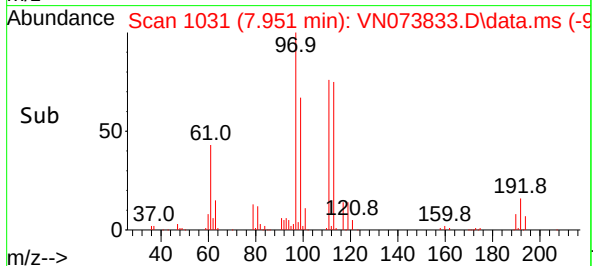
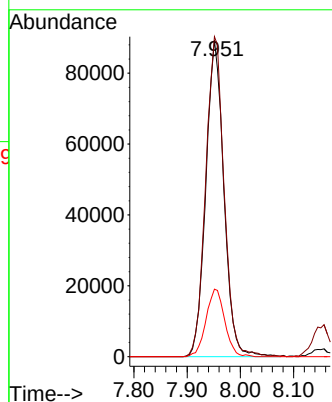
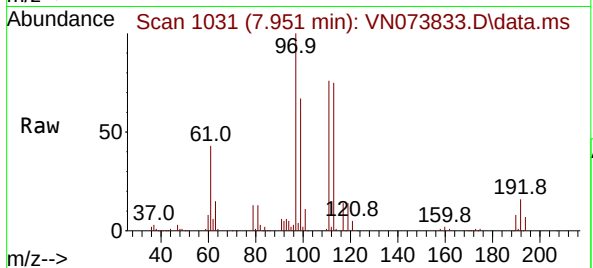
Tgt Ion:113 Resp: 210079
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.4 122.0
 192 22.2 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#36

1,1-Dichloropropene

Concen: 52.643 ug/l

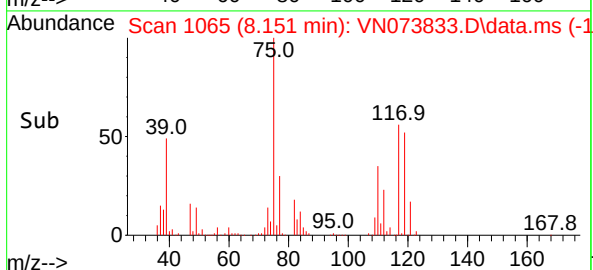
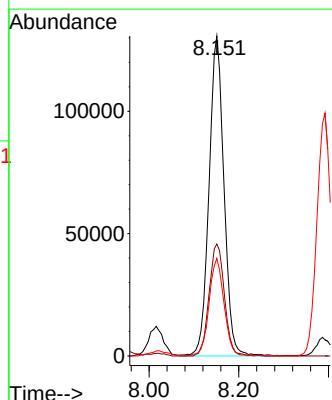
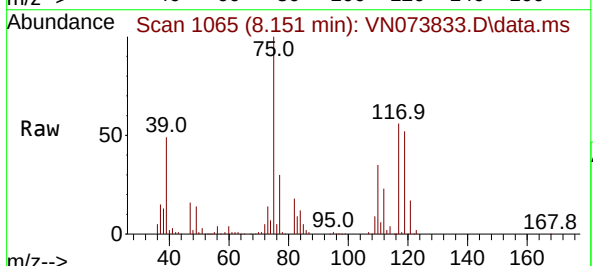
RT: 8.151 min Scan# 1065

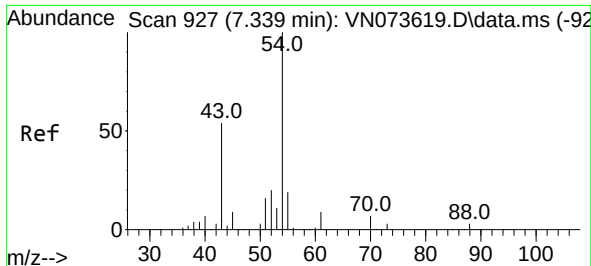
Delta R.T. -0.000 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Tgt Ion: 75 Resp: 302401
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.3 54.8
 77 30.5 25.1 37.7





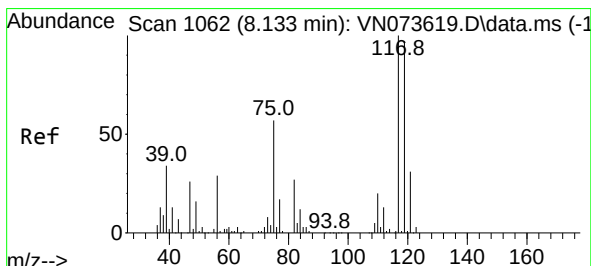
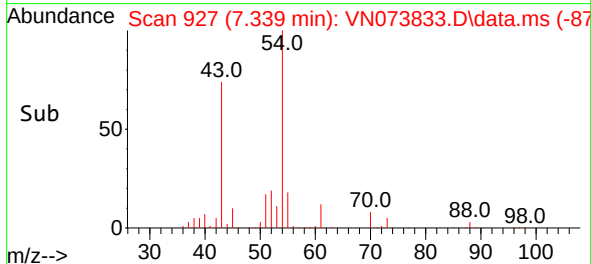
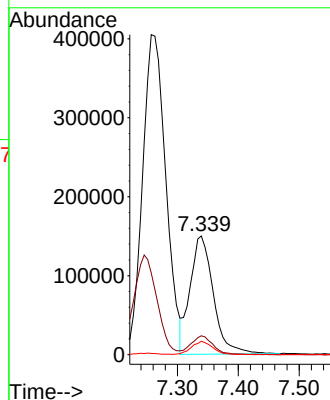
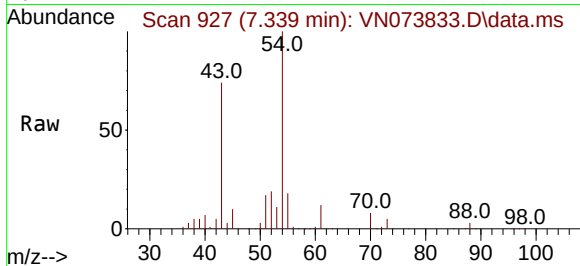
#37
Ethyl Acetate
Concen: 52.651 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD

Tgt Ion: 43 Resp: 398300
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.6
70 9.8 9.3 13.9

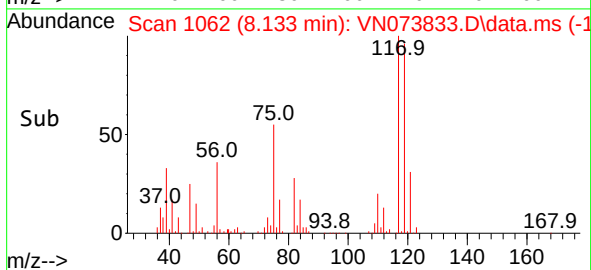
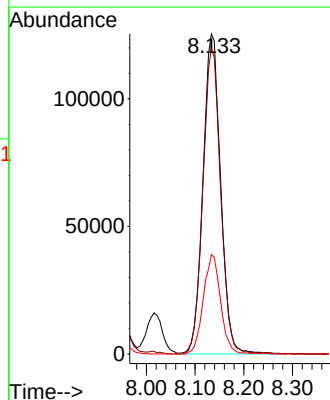
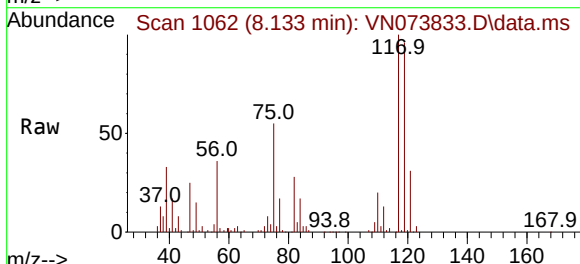
Manual Integrations
APPROVED

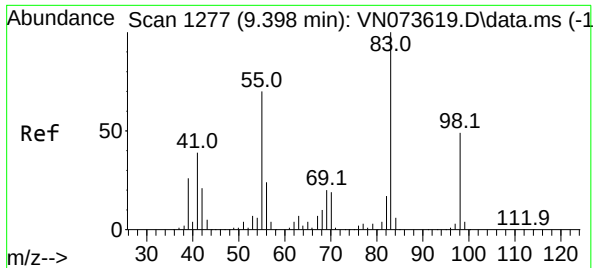
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#38
Carbon Tetrachloride
Concen: 54.161 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

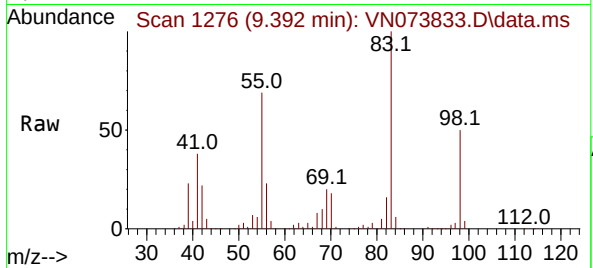
Tgt Ion:117 Resp: 315989
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
121 31.0 24.6 37.0





#39
Methylcyclohexane
Concen: 53.045 ug/l
RT: 9.392 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

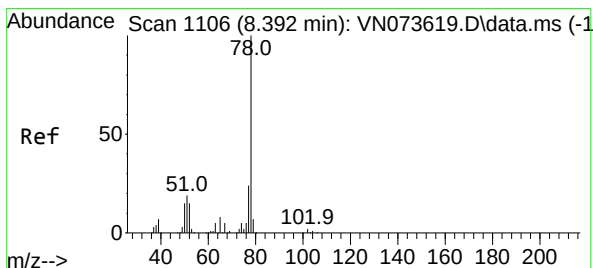
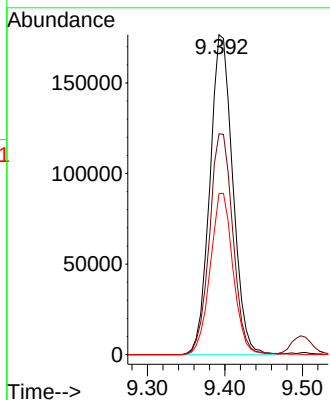
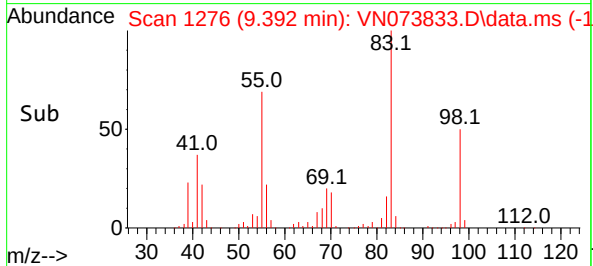
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion: 83 Resp: 36412
Ion Ratio Lower Upper
83 100
55 69.0 57.8 86.8
98 50.4 39.4 59.2

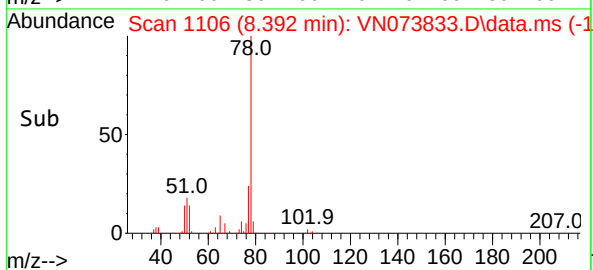
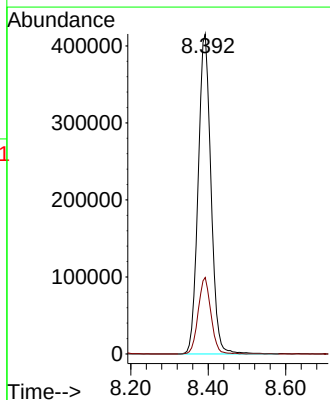
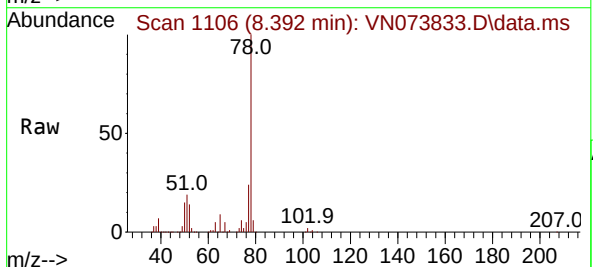
Manual Integrations
APPROVED

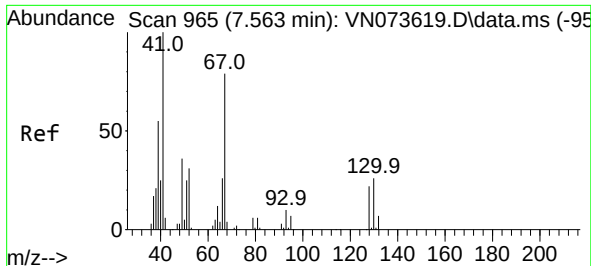
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#40
Benzene
Concen: 51.033 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

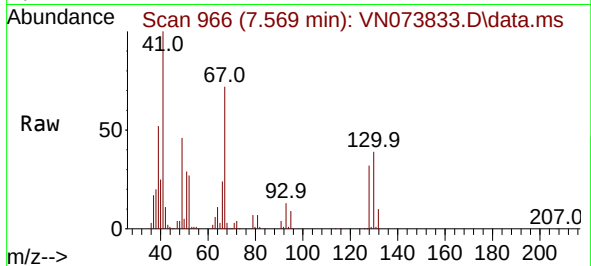
Tgt Ion: 78 Resp: 951936
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0





#41
Methacrylonitrile
Concen: 55.135 ug/l
RT: 7.569 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

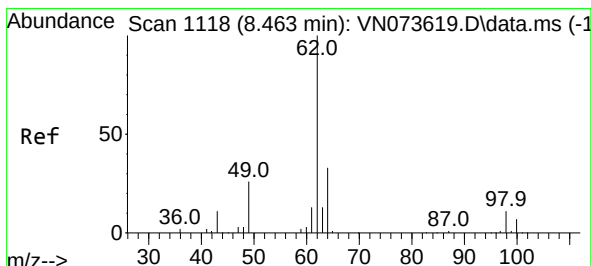
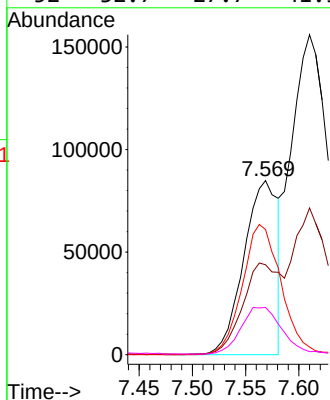
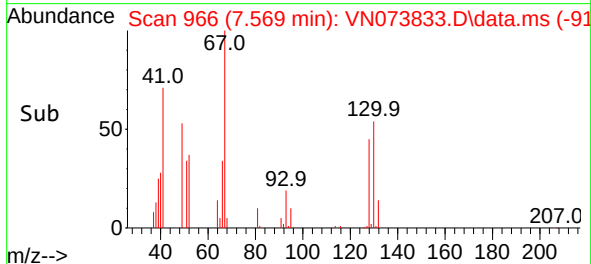
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion: 41 Resp: 188739
Ion Ratio Lower Upper
41 100
39 60.2 48.6 73.0
67 86.4 73.4 110.2
52 32.7 27.7 41.5

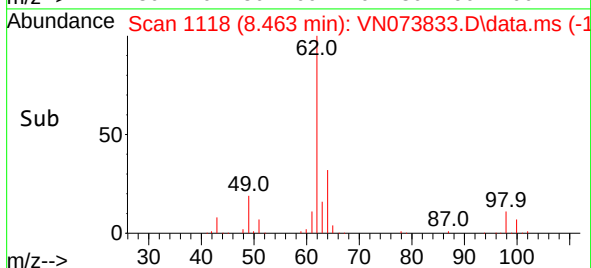
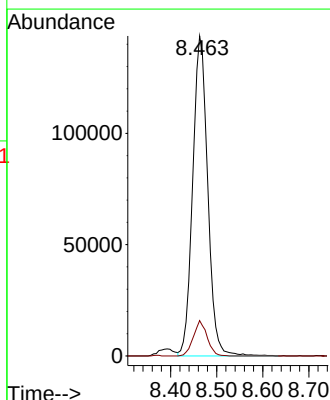
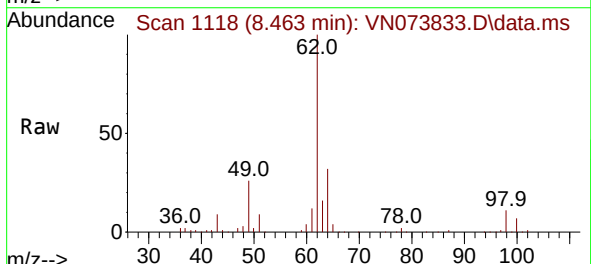
Manual Integrations
APPROVED

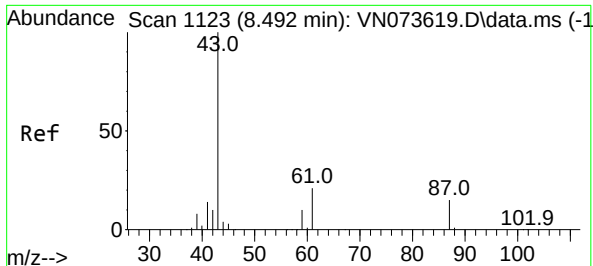
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#42
1,2-Dichloroethane
Concen: 51.807 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

Tgt Ion: 62 Resp: 325692
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.4





#43

Isopropyl Acetate

Concen: 53.230 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

TT149S1-20220809MSD

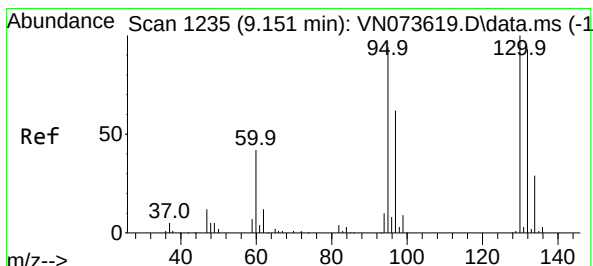
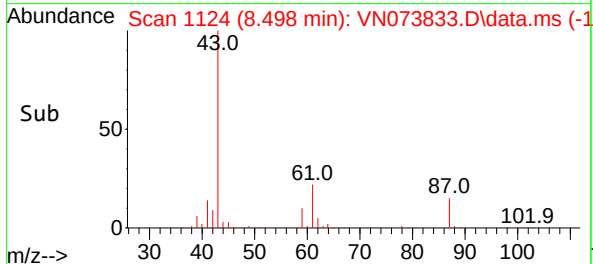
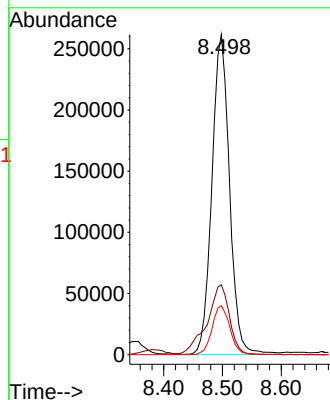
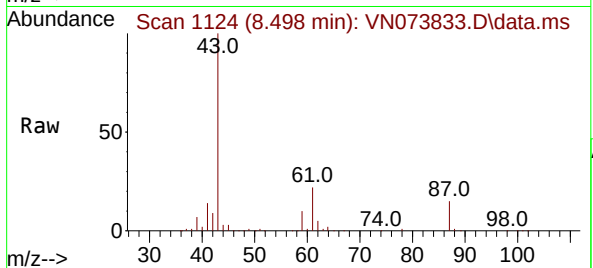
Tgt Ion: 43	Resp: 54391
Ion Ratio	Lower Upper
43	100
61	27.6 21.9 32.9
87	15.5 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#44

Trichloroethene

Concen: 56.044 ug/l

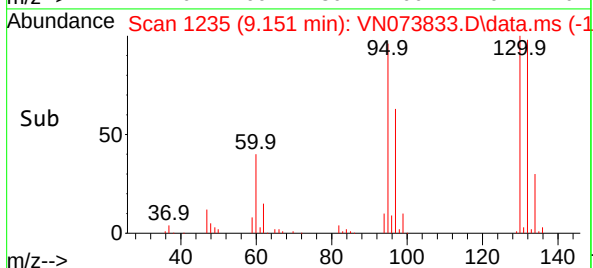
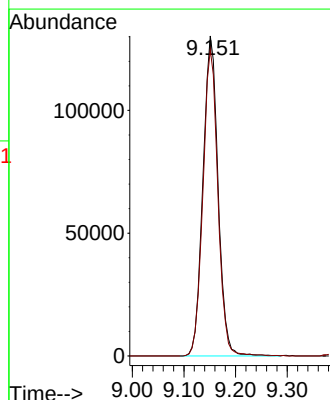
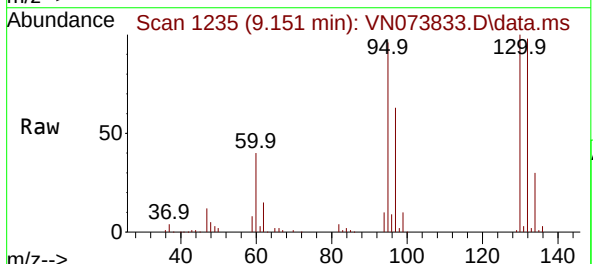
RT: 9.151 min Scan# 1235

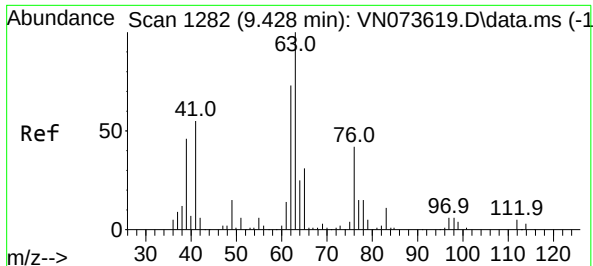
Delta R.T. -0.000 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Tgt Ion:130	Resp: 265107
Ion Ratio	Lower Upper
130	100
95	95.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 51.018 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

TT149S1-20220809MSD

Tgt Ion: 63 Resp: 237872

Ion Ratio Lower Upper

63 100

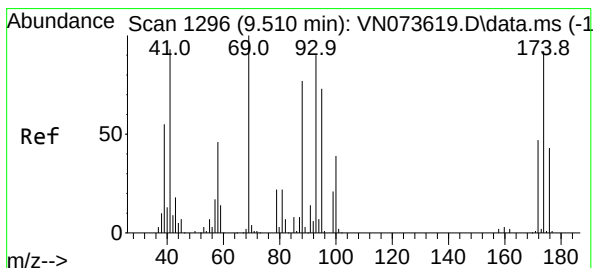
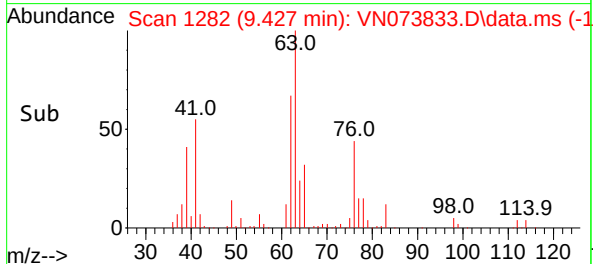
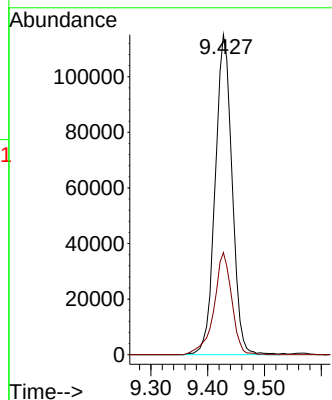
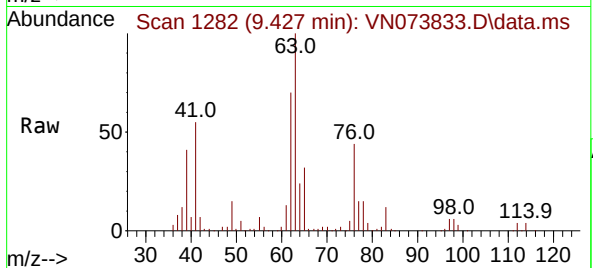
65 31.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#46

Dibromomethane

Concen: 52.259 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

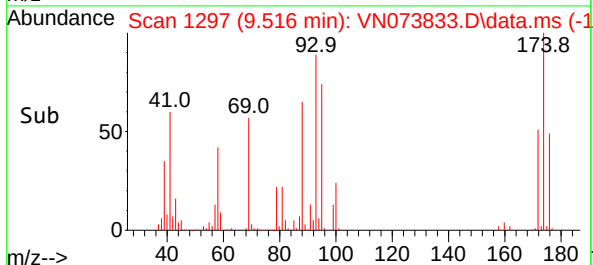
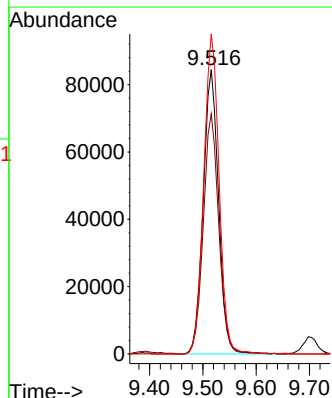
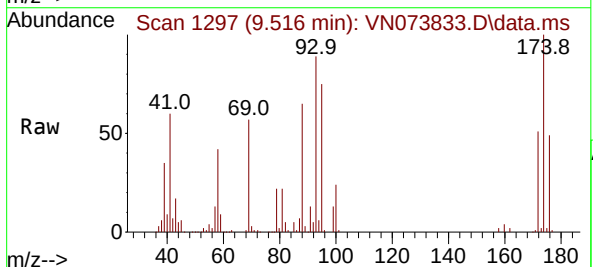
Tgt Ion: 93 Resp: 169111

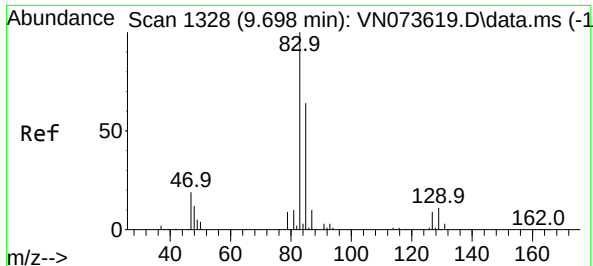
Ion Ratio Lower Upper

93 100

95 84.9 66.9 100.3

174 112.5 86.6 130.0





#47

Bromodichloromethane

Concen: 52.032 ug/l

RT: 9.698 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

TT149S1-20220809MSD

Tgt Ion: 83 Resp: 323158

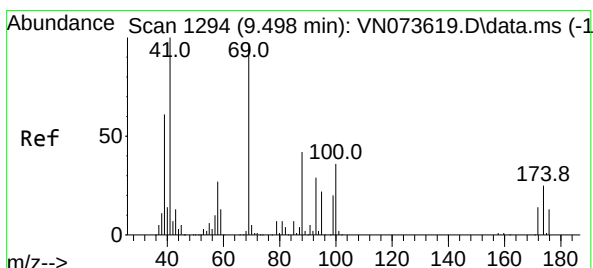
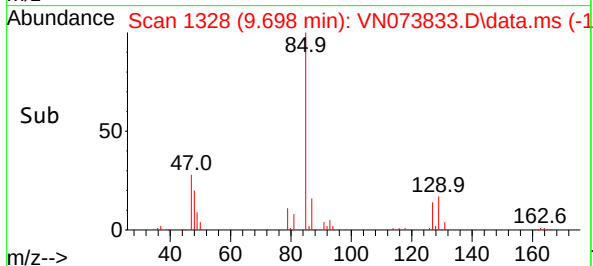
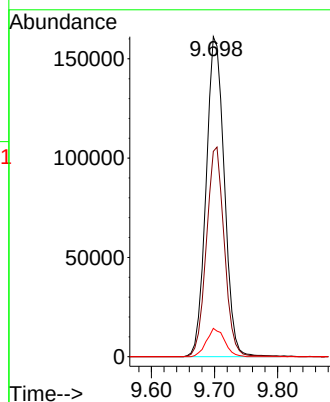
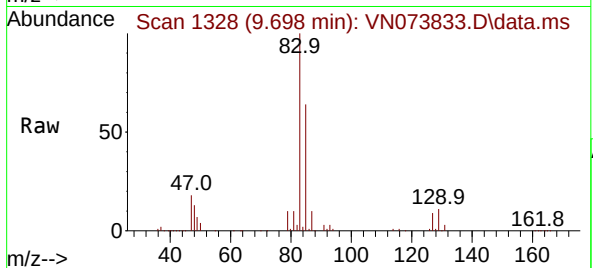
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.5	75.7
127	8.9	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#48

Methyl methacrylate

Concen: 57.363 ug/l

RT: 9.498 min Scan# 1294

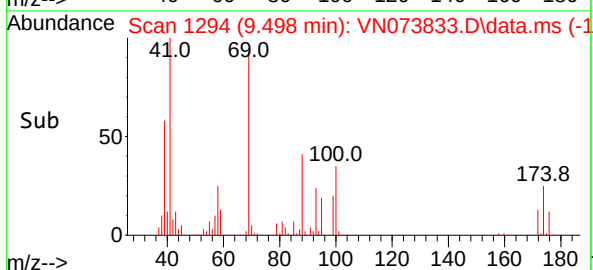
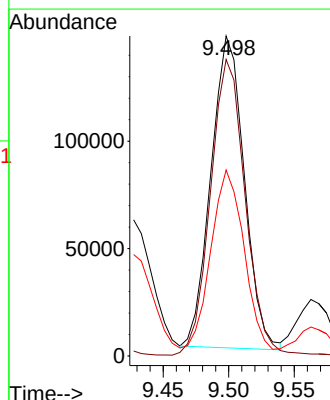
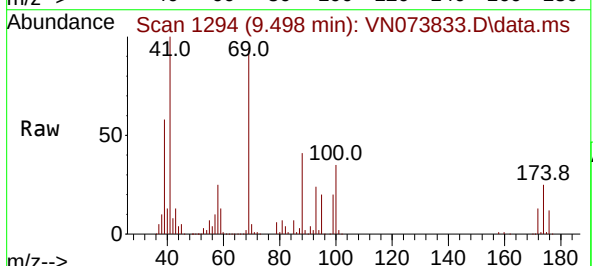
Delta R.T. -0.000 min

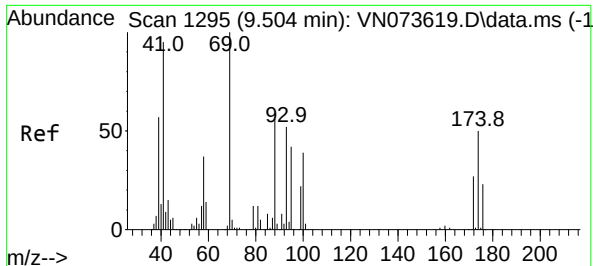
Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Tgt Ion: 41 Resp: 256569

Ion	Ratio	Lower	Upper
41	100		
69	99.3	74.7	112.1
39	61.1	45.6	68.4





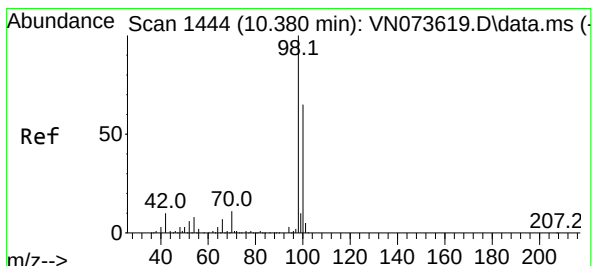
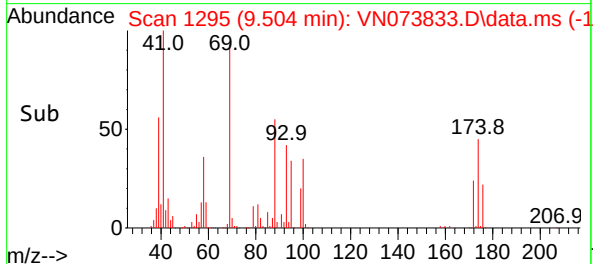
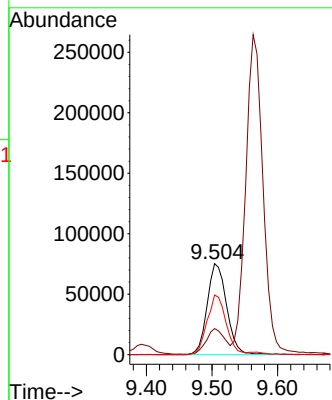
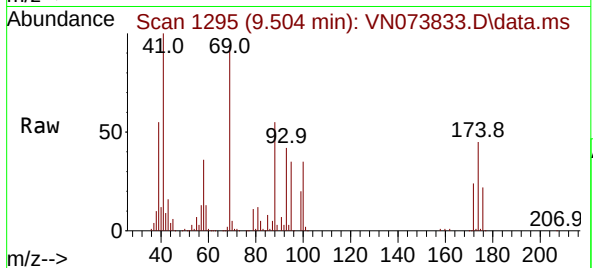
#49
1,4-Dioxane
Concen: 1233.109 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD

Tgt Ion: 88 Resp: 15547
Ion Ratio Lower Upper
88 100
43 26.5 20.2 30.4
58 63.5 54.2 81.4

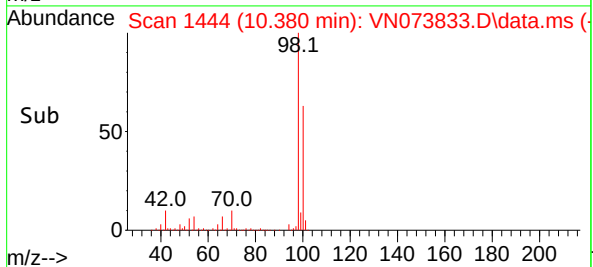
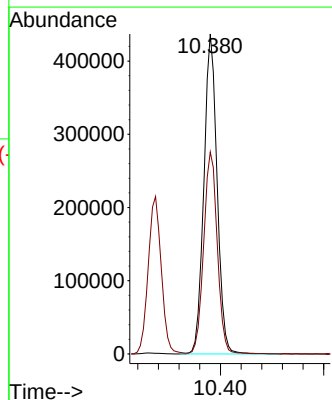
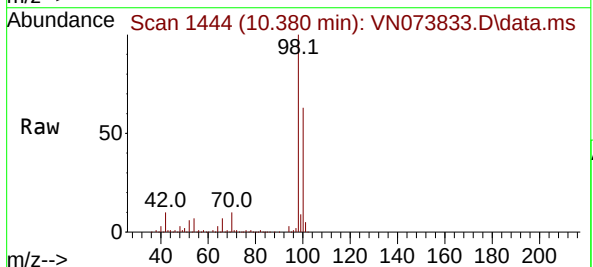
Manual Integrations
APPROVED

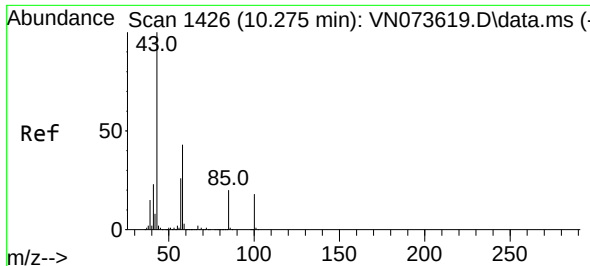
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#50
Toluene-d8
Concen: 48.881 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

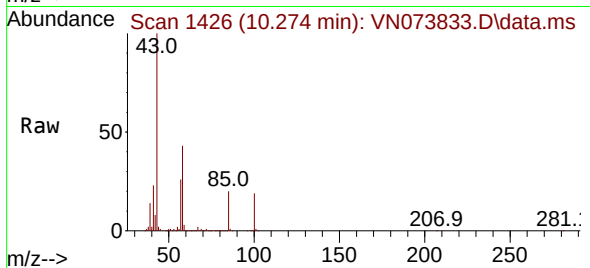
Tgt Ion: 98 Resp: 775263
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 280.785 ug/l
RT: 10.274 min Scan# 1426
Delta R.T. -0.001 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

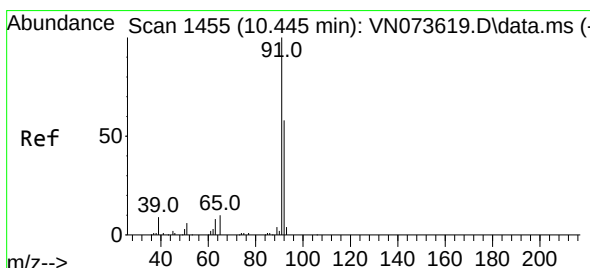
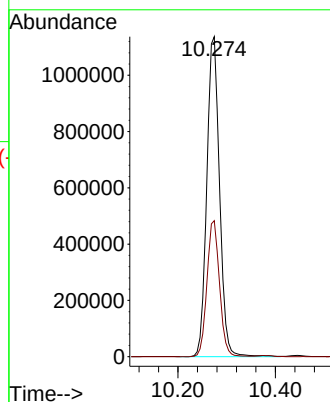
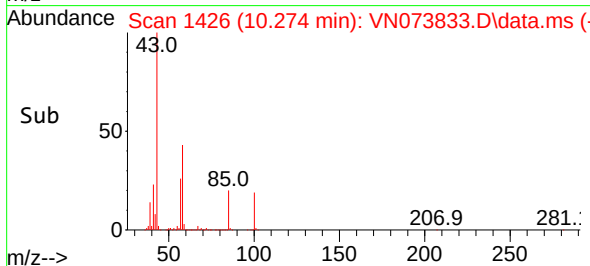
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion: 43 Resp: 205781
Ion Ratio Lower Upper
43 100
58 41.9 34.1 51.1

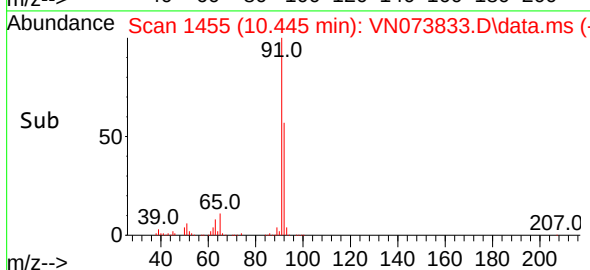
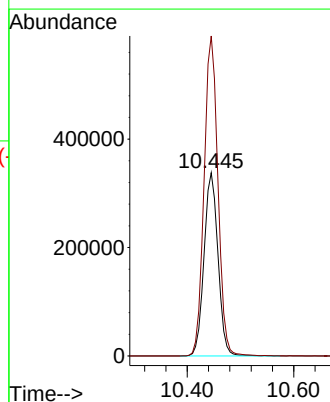
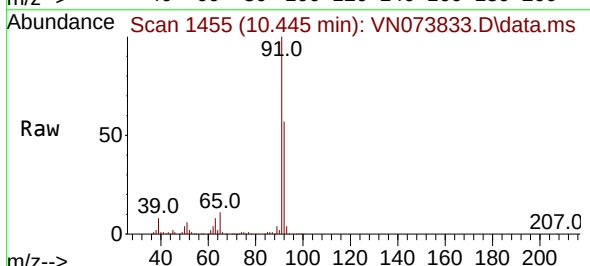
Manual Integrations
APPROVED

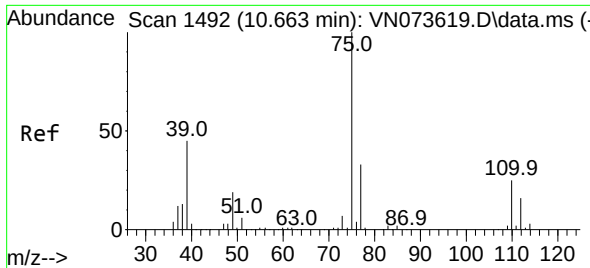
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#52
Toluene
Concen: 53.797 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

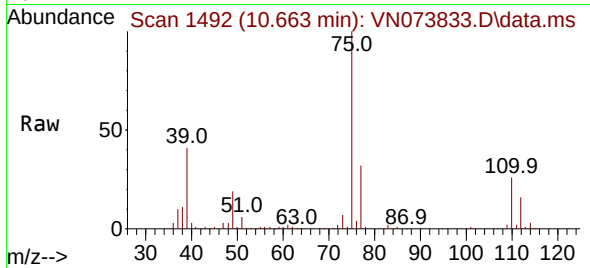
Tgt Ion: 92 Resp: 612957
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 55.847 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

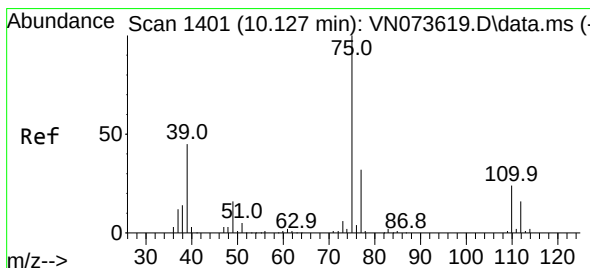
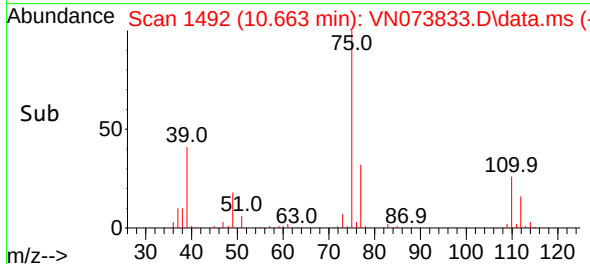
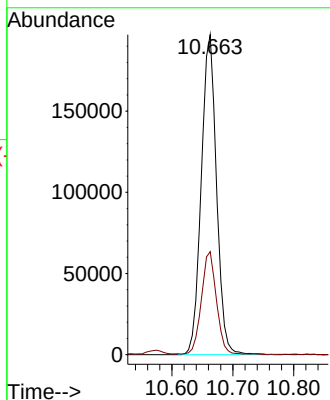
Instrument : MSVOA_N
ClientSampleId : TT149S1-20220809MSD



Tgt Ion: 75 Resp: 342660
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4

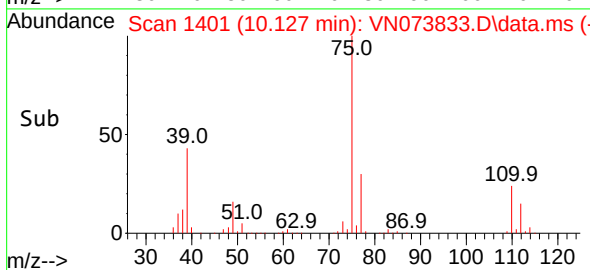
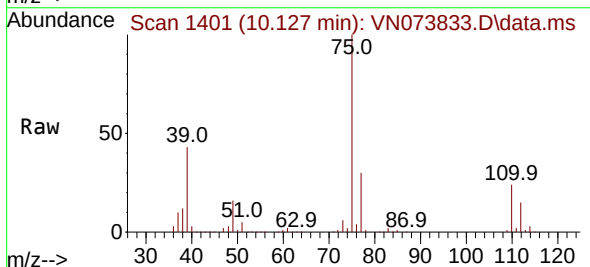
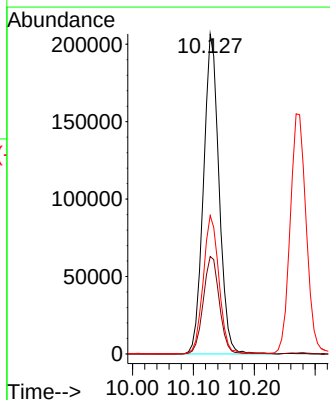
Manual Integrations
APPROVED

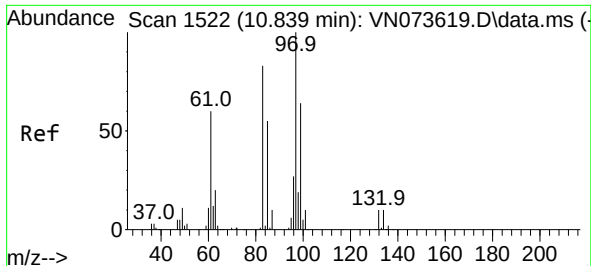
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#54
cis-1,3-Dichloropropene
Concen: 53.155 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

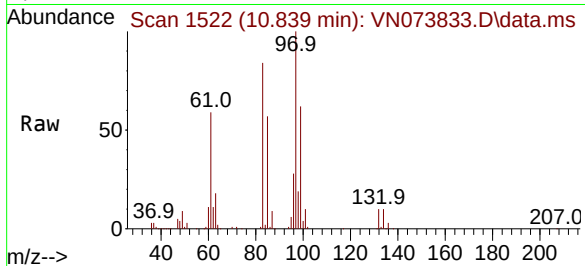
Tgt Ion: 75 Resp: 367524
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8
39 43.1 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 52.741 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

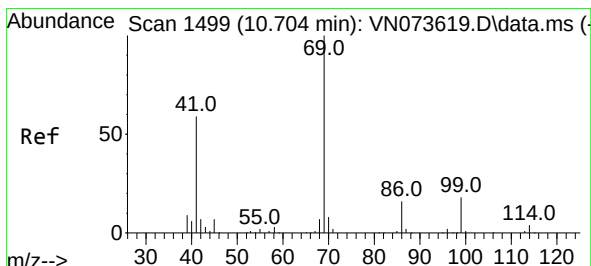
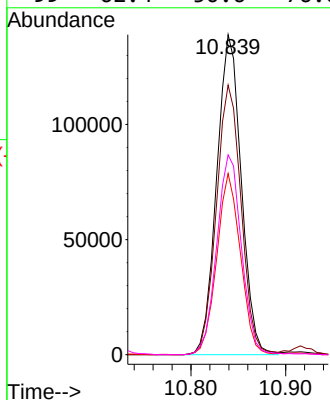
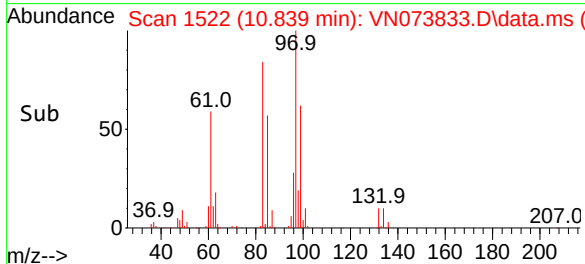
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



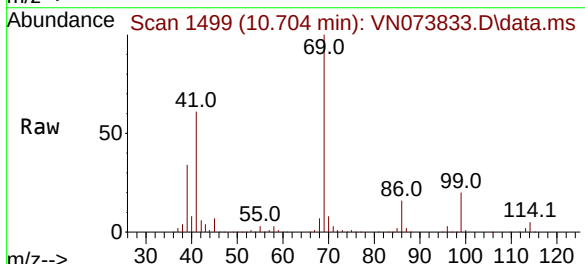
Tgt Ion: 97 Resp: 250585
Ion Ratio Lower Upper
97 100
83 84.2 66.2 99.4
85 56.6 43.9 65.9
99 62.4 50.6 76.0

Manual Integrations
APPROVED

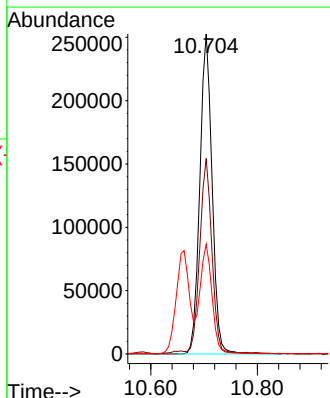
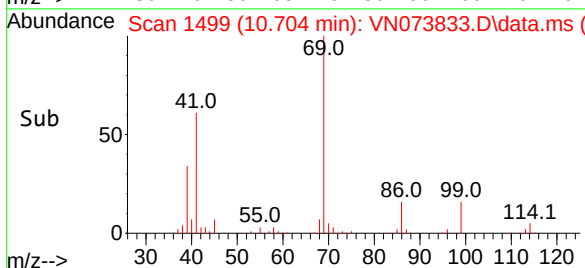
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

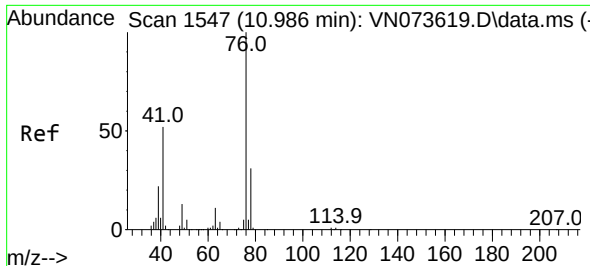


#56
Ethyl methacrylate
Concen: 61.464 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32



Tgt Ion: 69 Resp: 402492
Ion Ratio Lower Upper
69 100
41 61.4 47.8 71.6
39 33.7 27.3 40.9





#57

1,3-Dichloropropane

Concen: 52.536 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

TT149S1-20220809MSD

Tgt Ion: 76 Resp: 42350

Ion Ratio Lower Upper

76 100

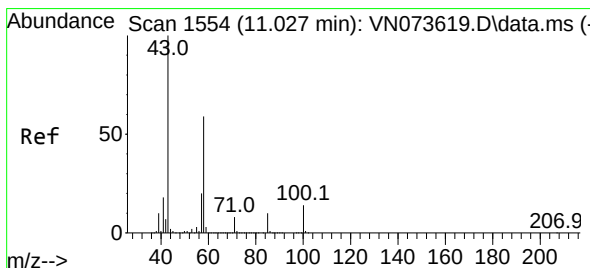
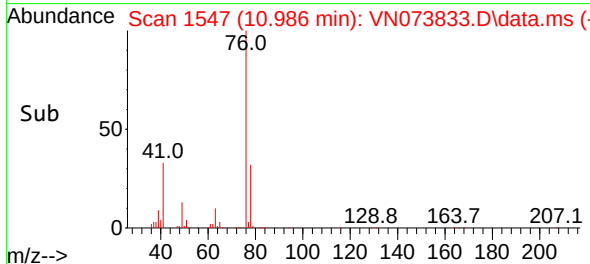
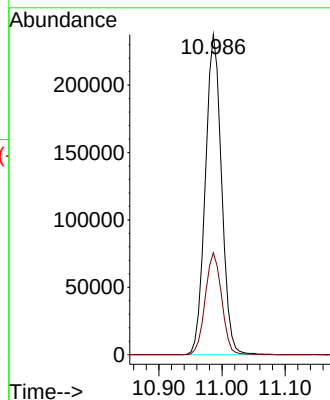
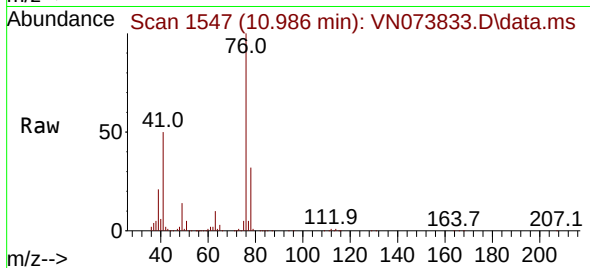
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#59

2-Hexanone

Concen: 294.075 ug/l

RT: 11.027 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VN073833.D

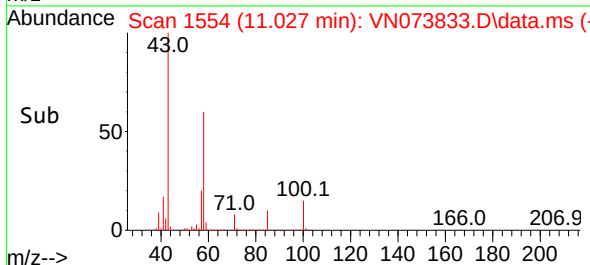
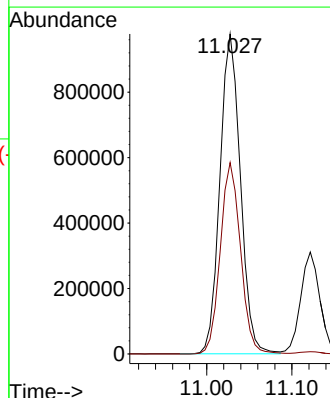
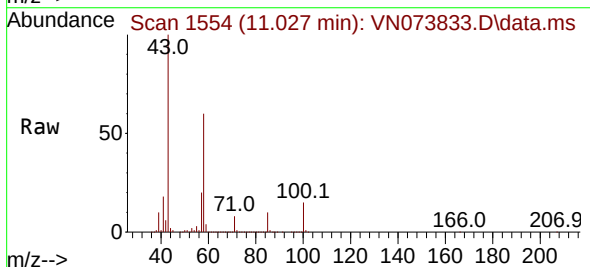
Acq: 11 Aug 2022 18:32

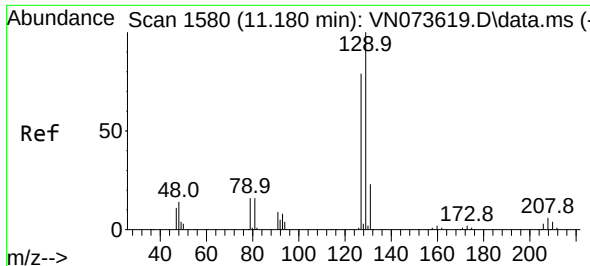
Tgt Ion: 43 Resp: 1632876

Ion Ratio Lower Upper

43 100

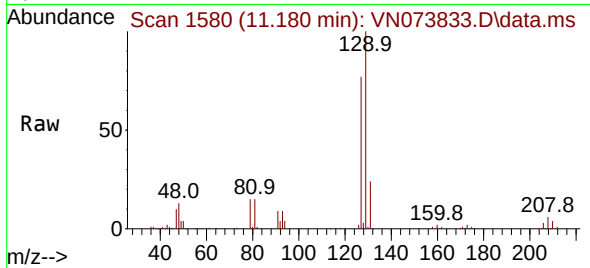
58 59.1 29.7 89.1





#60
Dibromochloromethane
Concen: 56.962 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

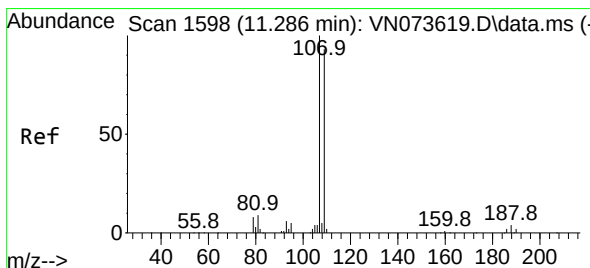
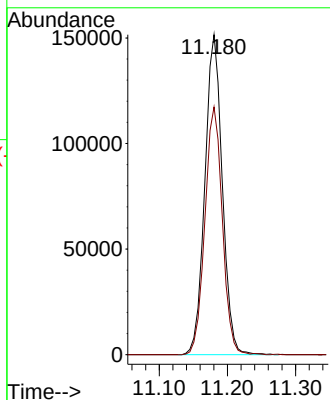
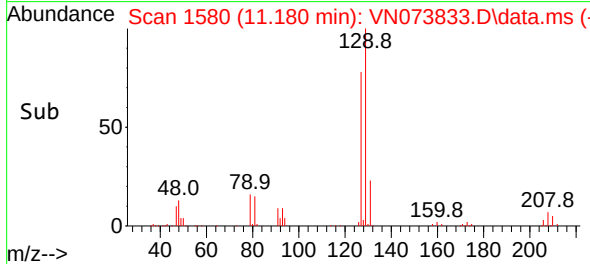
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



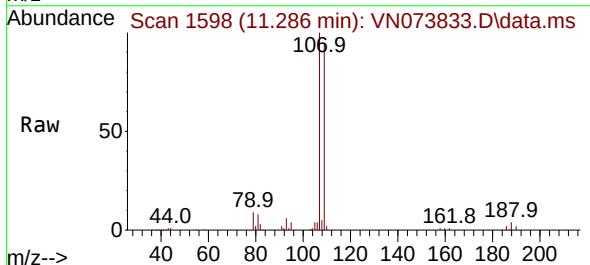
Tgt Ion:129 Resp: 26924
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4

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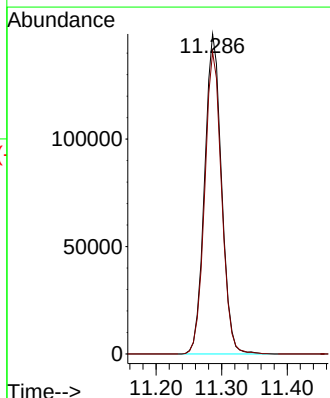
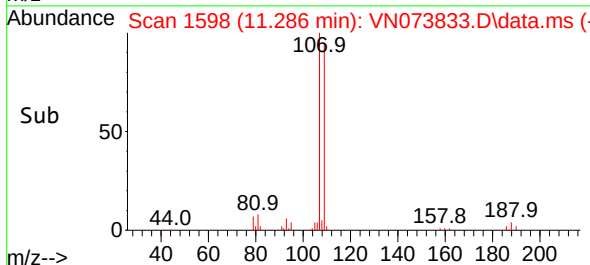
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

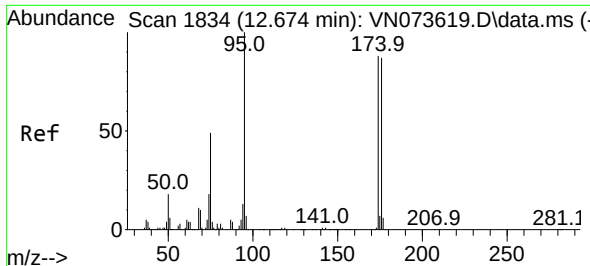


#61
1,2-Dibromoethane
Concen: 54.697 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32



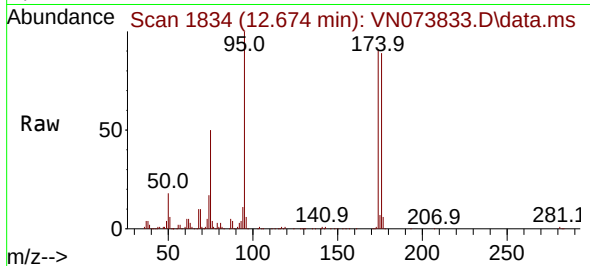
Tgt Ion:107 Resp: 267653
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6





#62
4-Bromofluorobenzene
Concen: 48.821 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

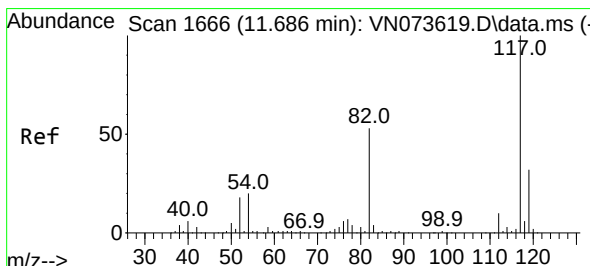
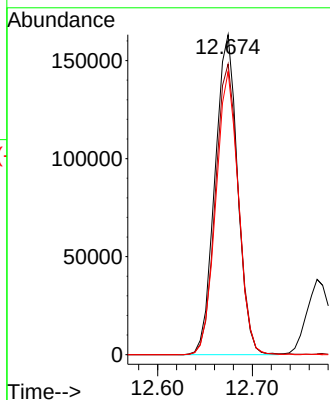
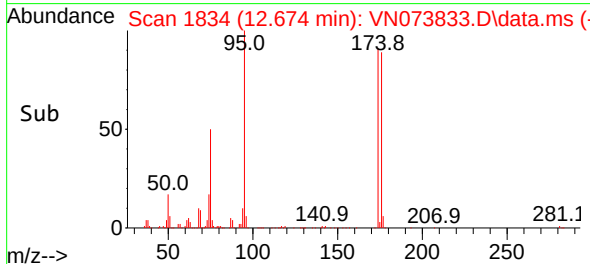
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion: 95 Resp: 271442
Ion Ratio Lower Upper
95 100
174 91.9 0.0 167.6
176 87.9 0.0 163.4

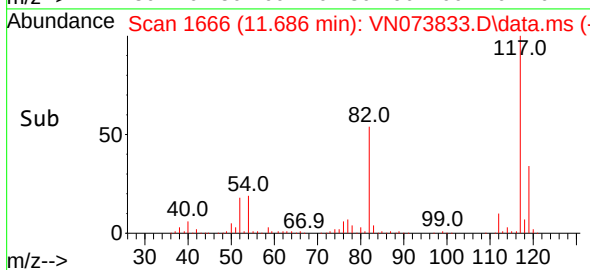
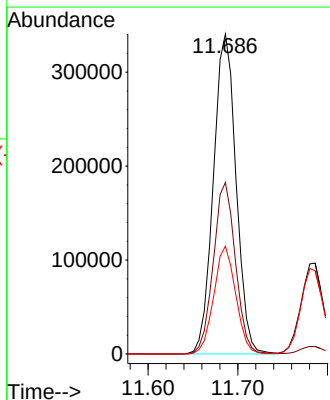
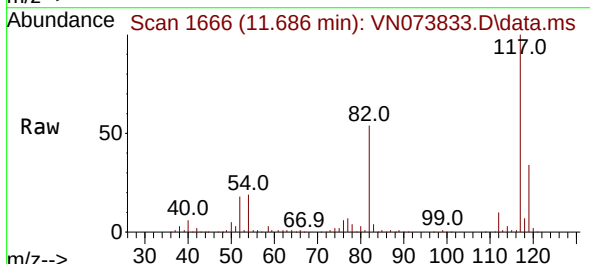
Manual Integrations
APPROVED

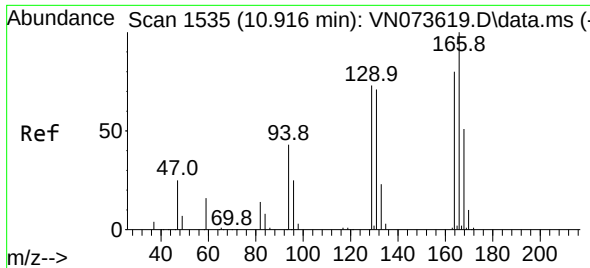
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

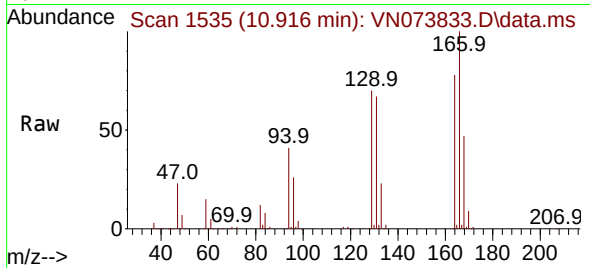
Tgt Ion:117 Resp: 597452
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 33.7 25.4 38.0





#64
Tetrachloroethene
Concen: 49.736 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

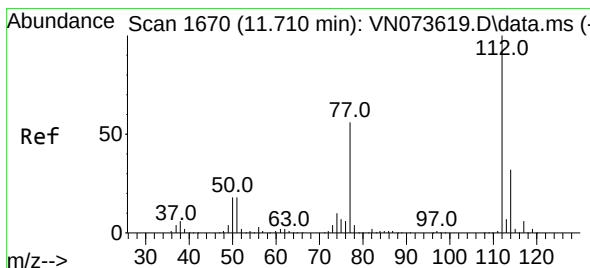
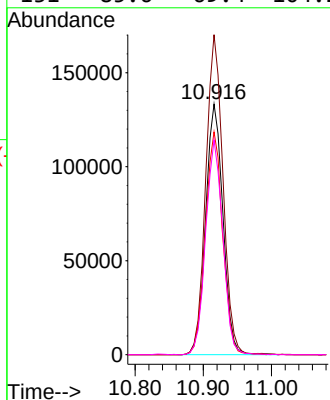
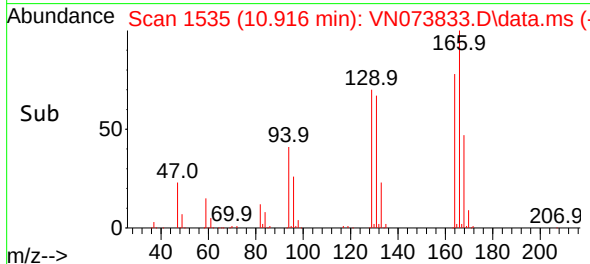
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion:164 Resp: 236154
Ion Ratio Lower Upper
164 100
166 127.7 104.2 156.2
129 88.9 73.9 110.9
131 85.6 69.4 104.2

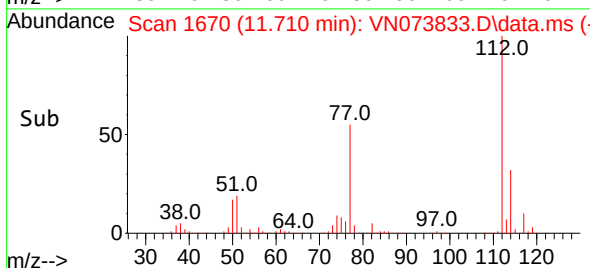
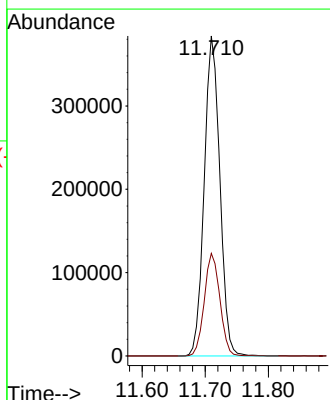
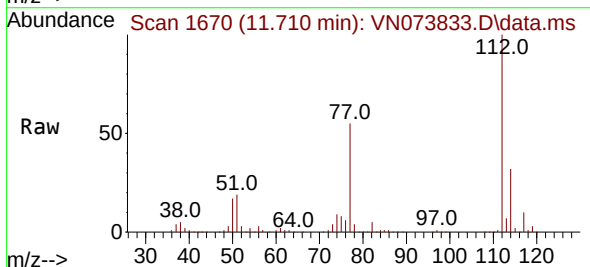
Manual Integrations
APPROVED

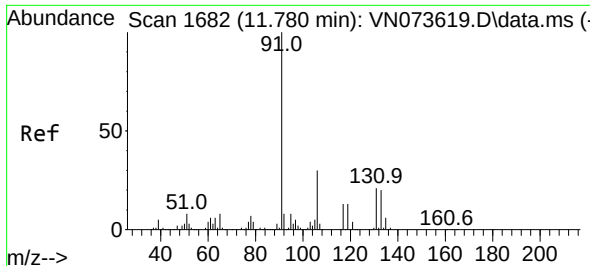
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#65
Chlorobenzene
Concen: 51.992 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

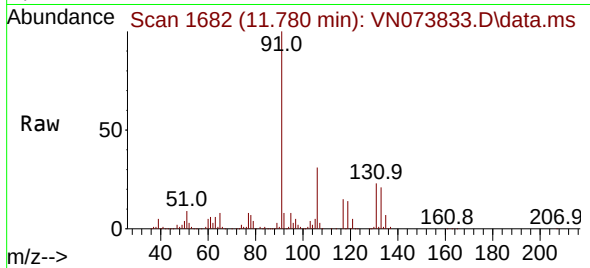
Tgt Ion:112 Resp: 659795
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 54.875 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

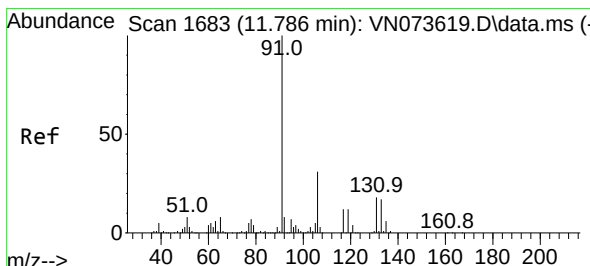
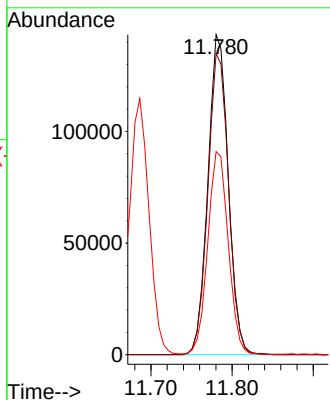
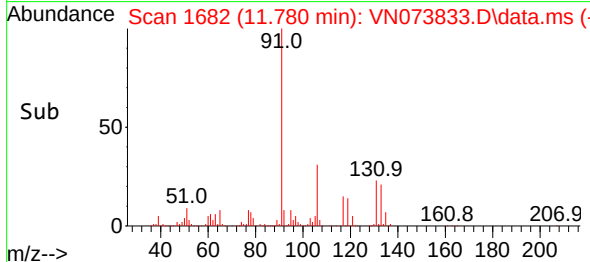
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion: 131 Resp: 249775
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 64.0 33.4 100.2

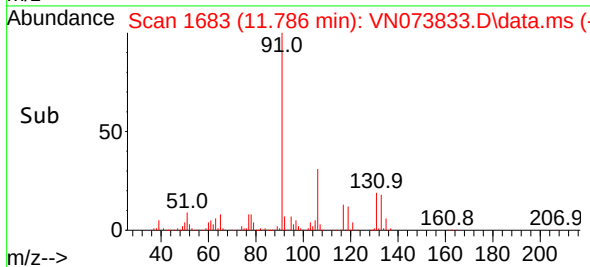
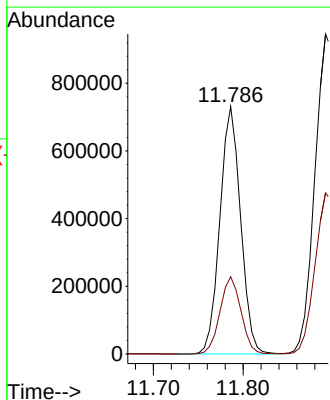
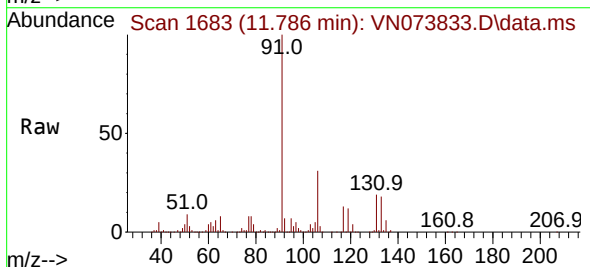
Manual Integrations
APPROVED

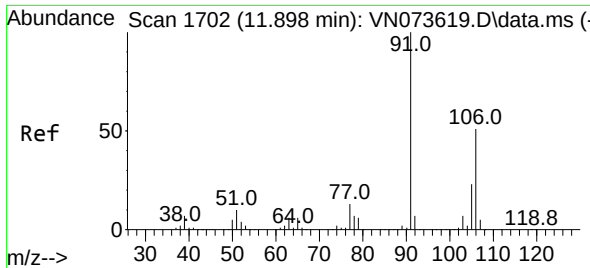
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#67
Ethyl Benzene
Concen: 54.760 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

Tgt Ion: 91 Resp: 1172370
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3





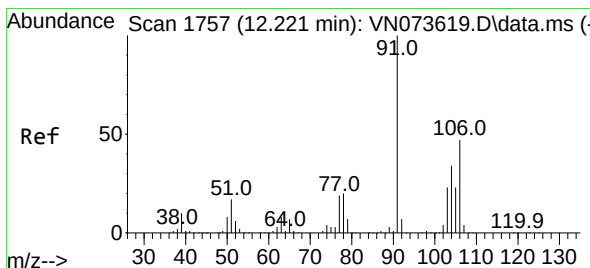
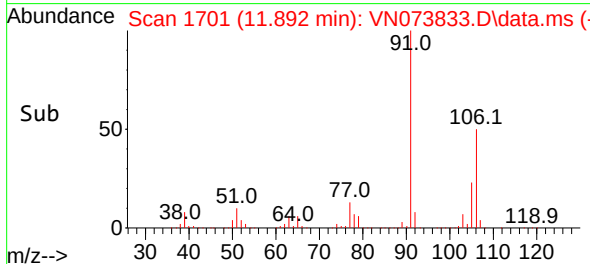
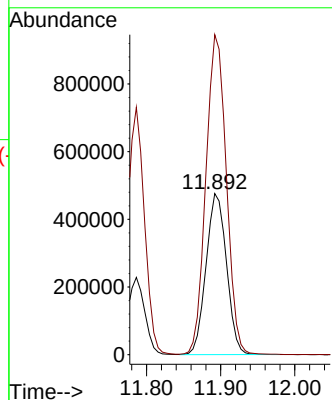
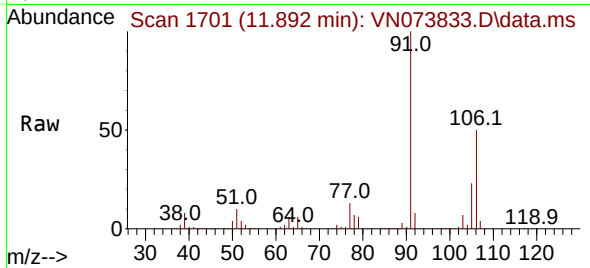
#68
m/p-Xylenes
Concen: 111.731 ug/l
RT: 11.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD

Tgt Ion:106 Resp: 91234
Ion Ratio Lower Upper
106 100
91 198.7 158.9 238.3

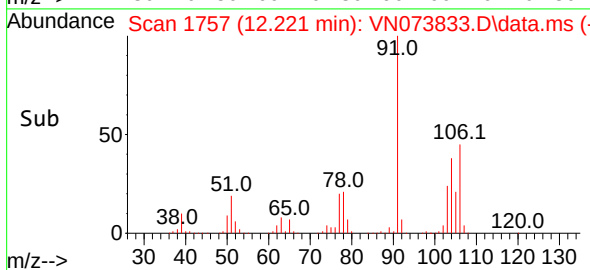
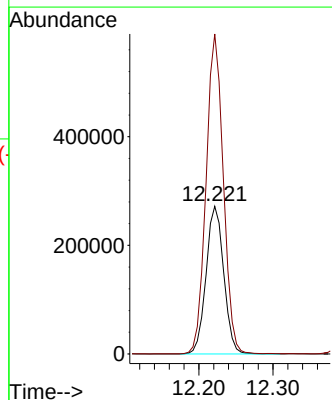
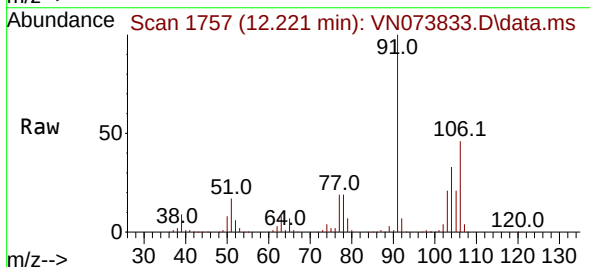
Manual Integrations
APPROVED

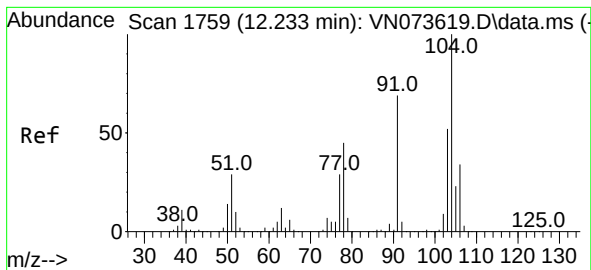
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#69
o-Xylene
Concen: 56.492 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

Tgt Ion:106 Resp: 449720
Ion Ratio Lower Upper
106 100
91 211.9 106.0 318.0





#70

Styrene

Concen: 58.955 ug/l

RT: 12.239 min Scan# 1759

Delta R.T. 0.006 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

TT149S1-20220809MSD

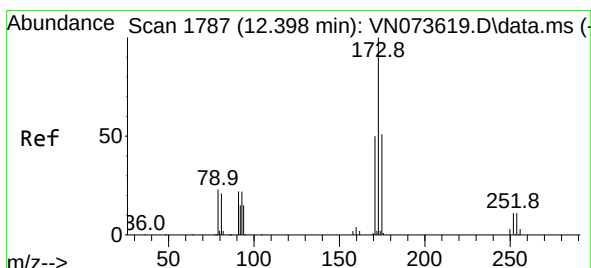
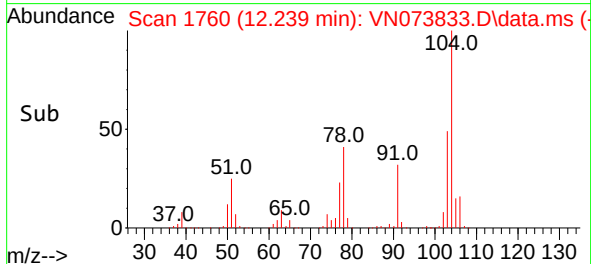
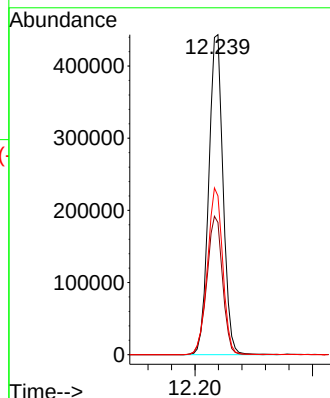
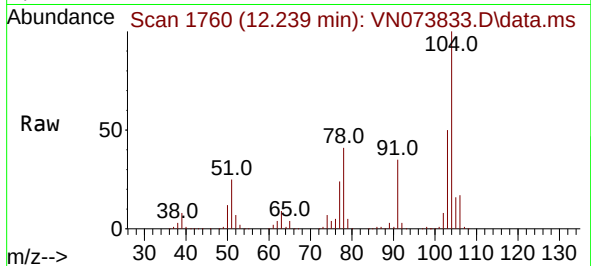
Tgt Ion:104 Resp: 75129
 Ion Ratio Lower Upper
 104 100
 78 47.2 39.5 59.3
 103 55.5 44.0 66.0

Manual Integrations

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Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#71

Bromoform

Concen: 59.051 ug/l

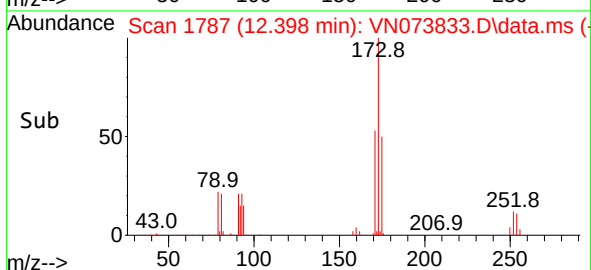
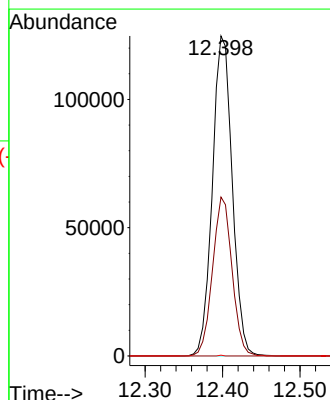
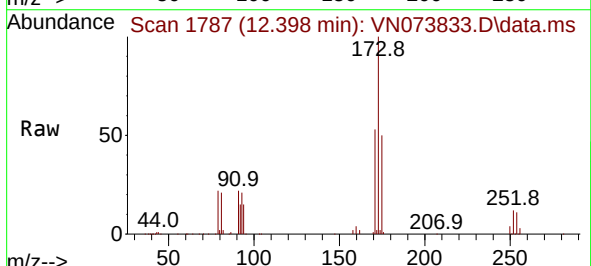
RT: 12.398 min Scan# 1787

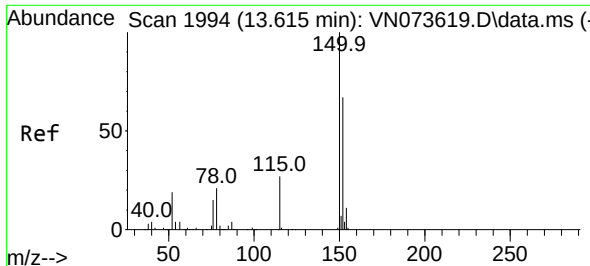
Delta R.T. -0.000 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

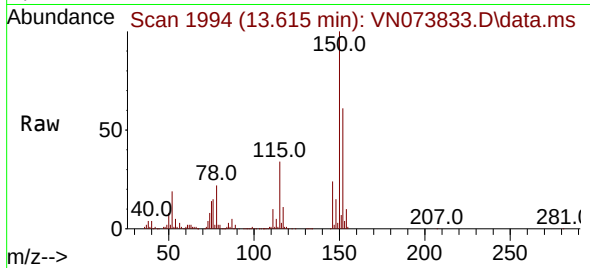
Tgt Ion:173 Resp: 221856
 Ion Ratio Lower Upper
 173 100
 175 48.6 24.6 73.6
 254 0.0 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

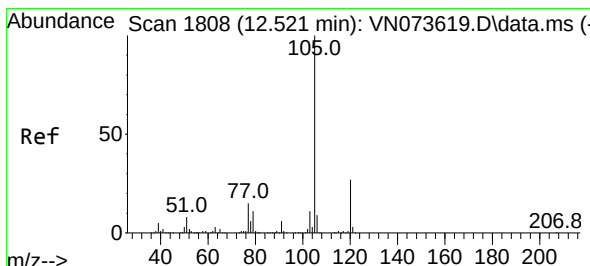
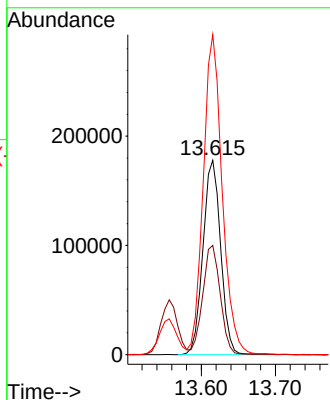
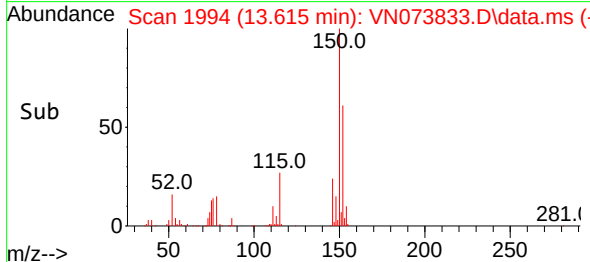
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



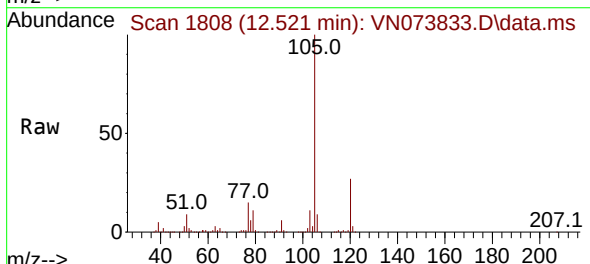
Tgt Ion:152 Resp: 29506
Ion Ratio Lower Upper
152 100
115 55.5 28.9 86.7
150 176.5 0.0 356.2

Manual Integrations
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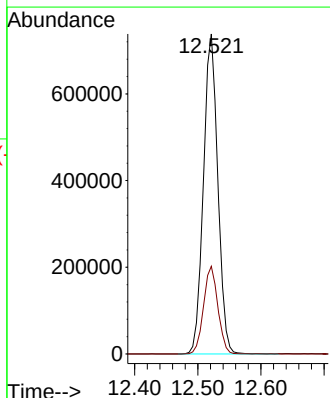
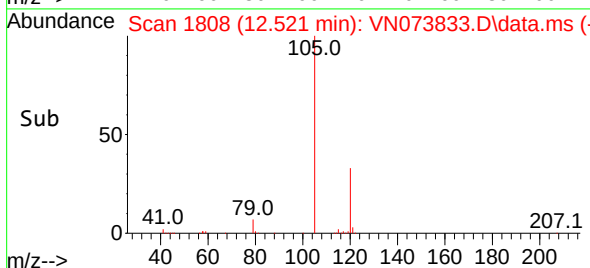
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

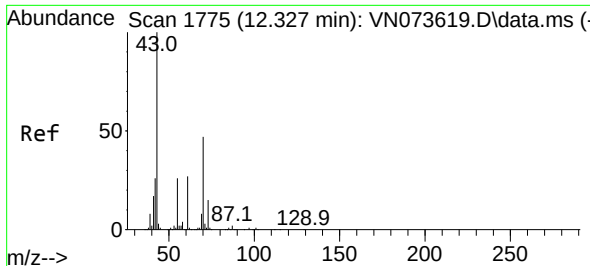


#73
Isopropylbenzene
Concen: 54.094 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32



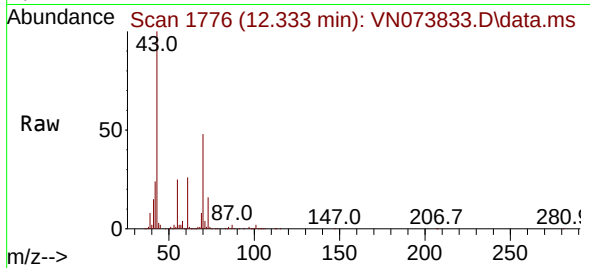
Tgt Ion:105 Resp: 1168415
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4





#74
N-amy1 acetate
Concen: 55.193 ug/l
RT: 12.333 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

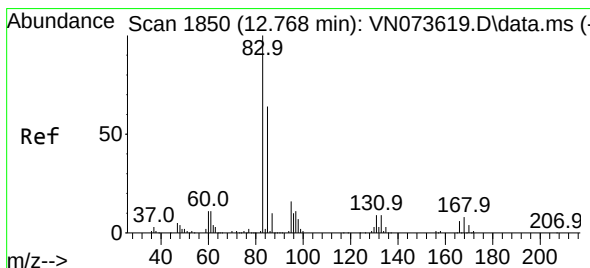
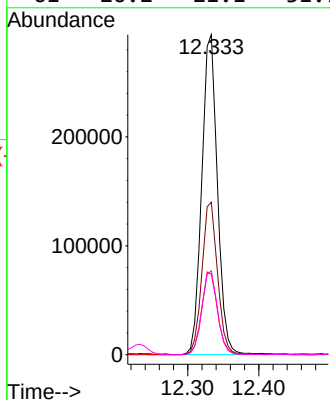
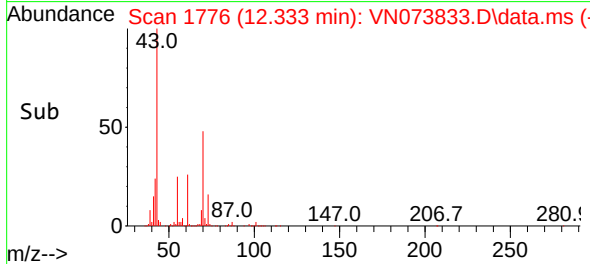
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion: 43 Resp: 450423
Ion Ratio Lower Upper
43 100
70 47.8 39.0 58.4
55 26.7 21.1 31.7
61 26.2 21.1 31.7

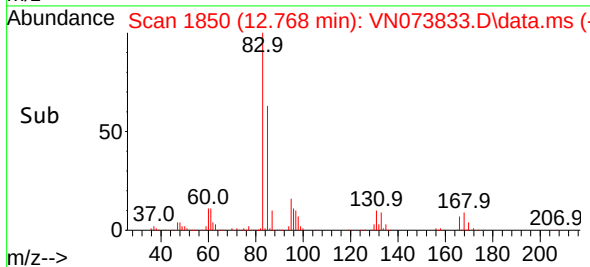
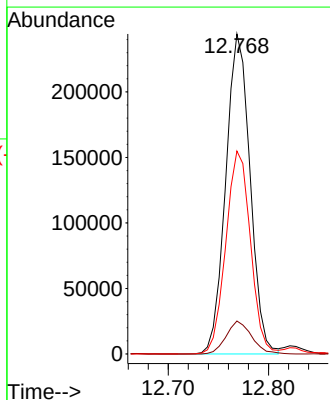
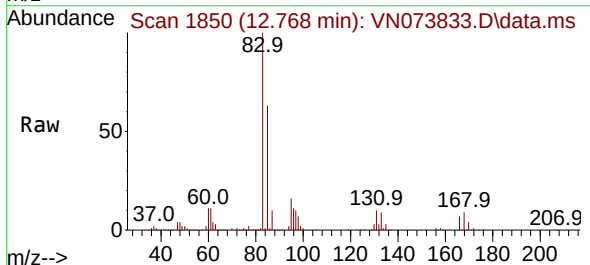
Manual Integrations
APPROVED

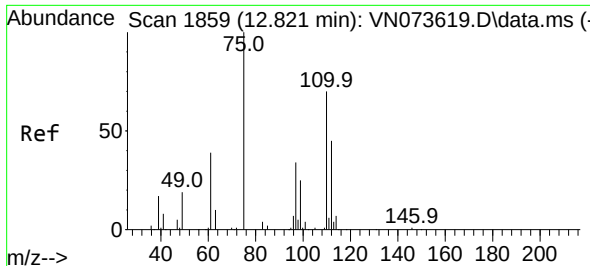
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#75
1,1,2,2-Tetrachloroethane
Concen: 49.389 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

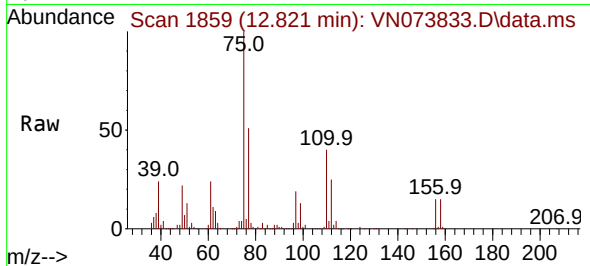
Tgt Ion: 83 Resp: 411656
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 64.2 32.3 96.9





#76
1,2,3-Trichloropropane
Concen: 57.335 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

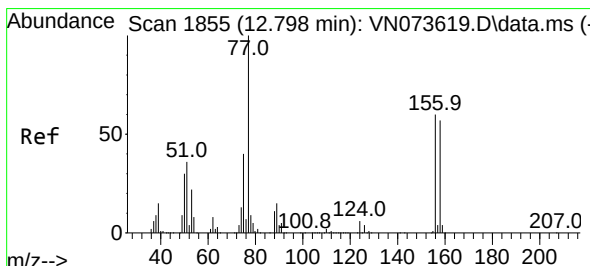
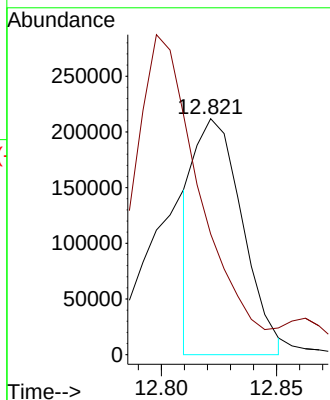
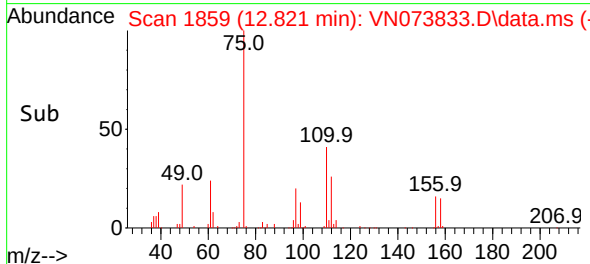
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



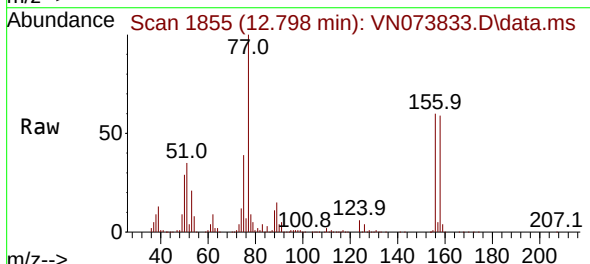
Tgt Ion: 75 Resp: 30736
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5

Manual Integrations
APPROVED

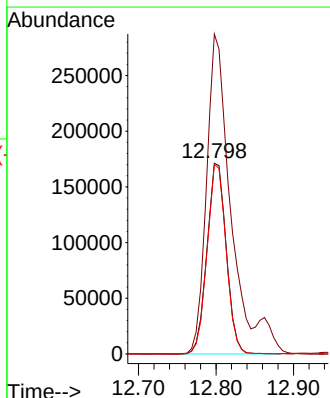
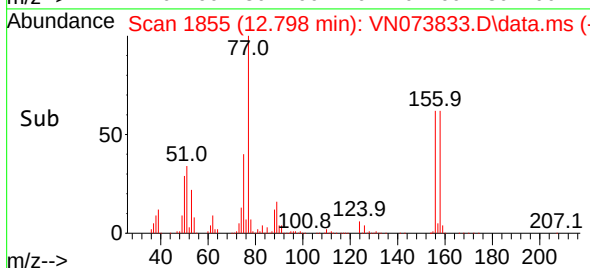
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

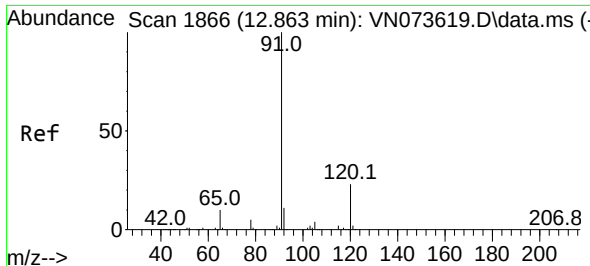


#77
Bromobenzene
Concen: 52.653 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32



Tgt Ion:156 Resp: 296169
Ion Ratio Lower Upper
156 100
77 197.2 100.5 301.5
158 98.1 48.9 146.6





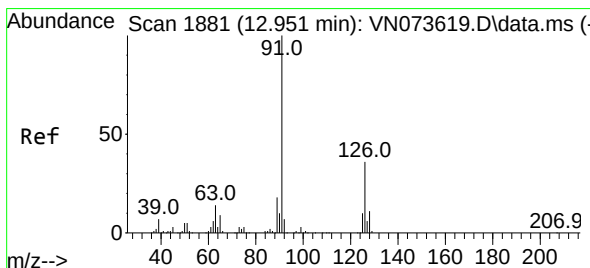
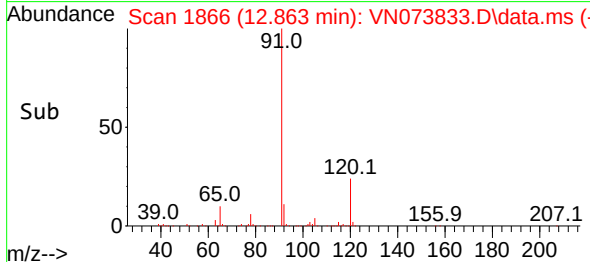
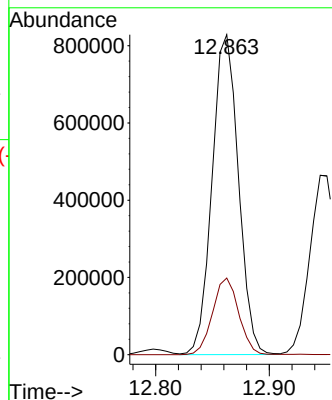
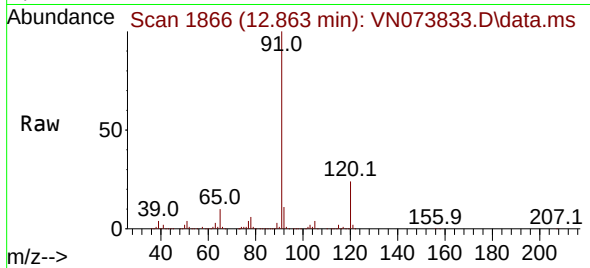
#78
n-propylbenzene
Concen: 54.942 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD

Tgt Ion: 91 Resp: 133529
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5

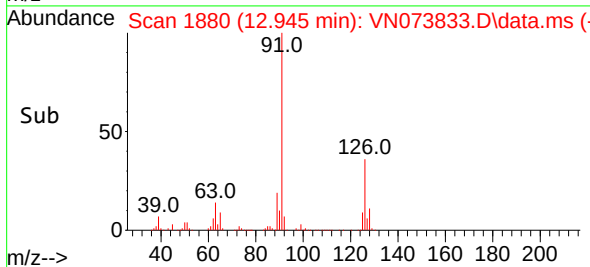
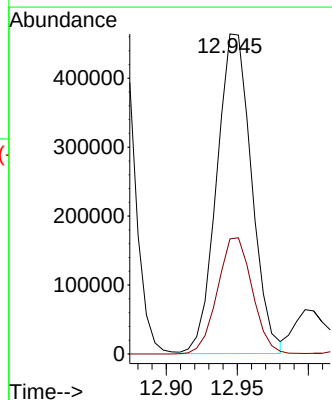
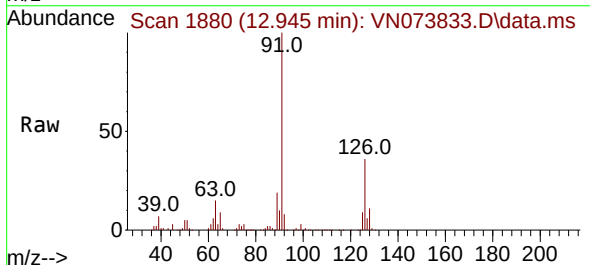
Manual Integrations
APPROVED

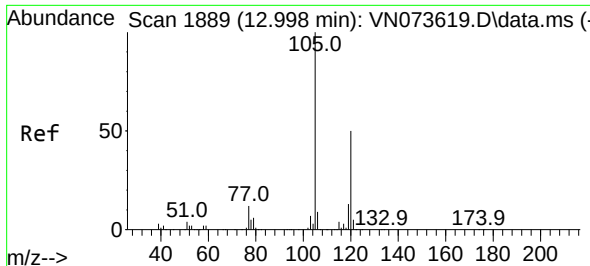
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#79
2-Chlorotoluene
Concen: 52.230 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

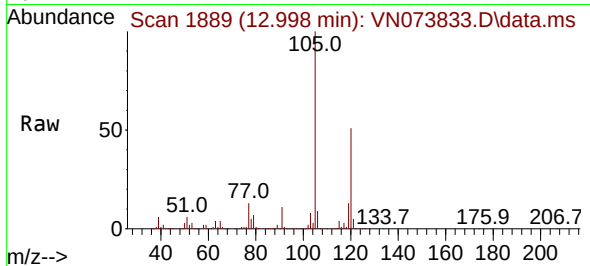
Tgt Ion: 91 Resp: 792263
Ion Ratio Lower Upper
91 100
126 36.4 17.3 51.9





#80
1,3,5-Trimethylbenzene
Concen: 54.489 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

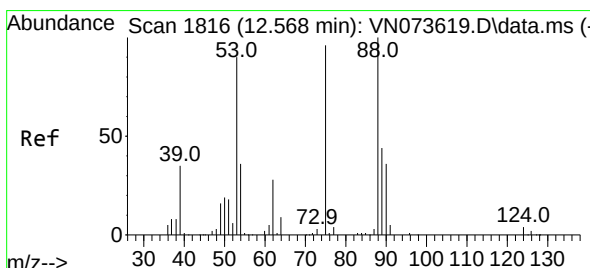
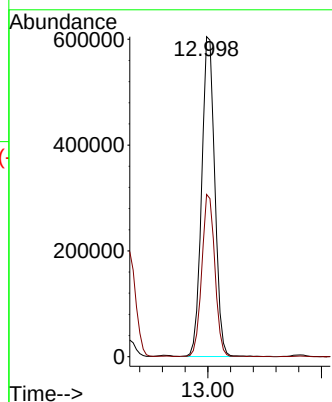
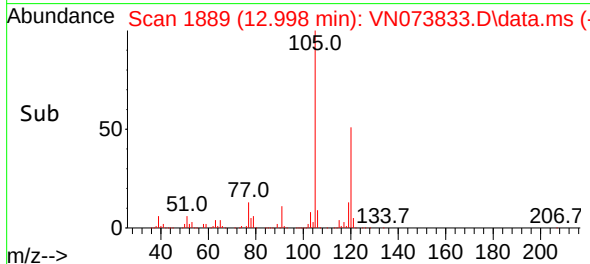
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion:105 Resp: 96854
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.7

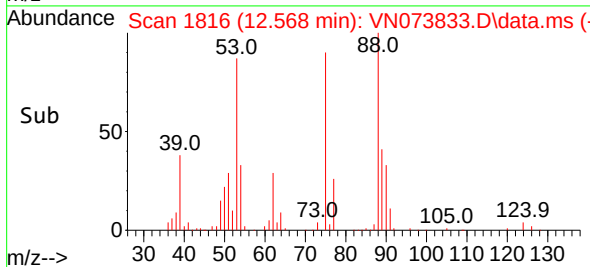
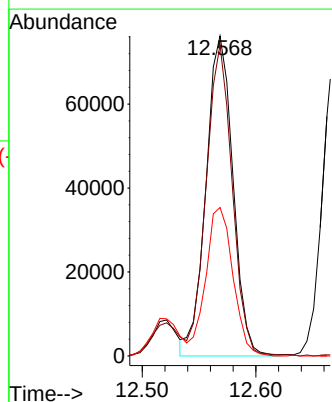
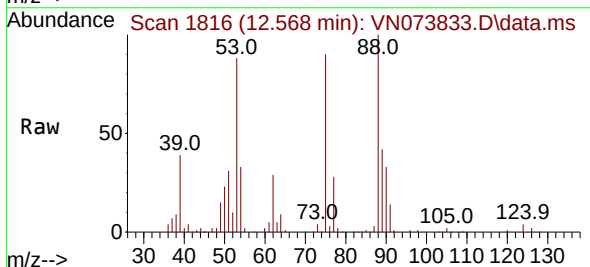
Manual Integrations
APPROVED

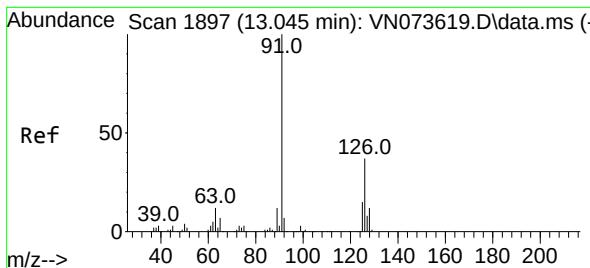
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#81
trans-1,4-Dichloro-2-butene
Concen: 55.310 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

Tgt Ion: 75 Resp: 125932
Ion Ratio Lower Upper
75 100
53 93.3 78.0 117.0
89 46.8 37.2 55.8





#82

4-Chlorotoluene

Concen: 53.165 ug/l

RT: 13.045 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

TT149S1-20220809MSD

Tgt Ion: 91 Resp: 764318

Ion Ratio Lower Upper

91 100

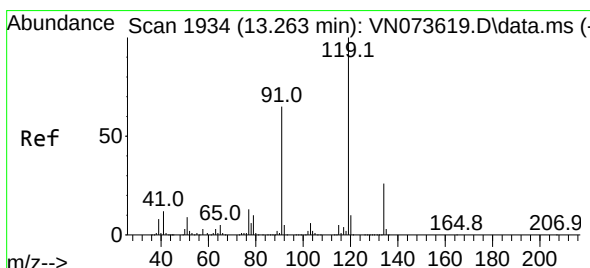
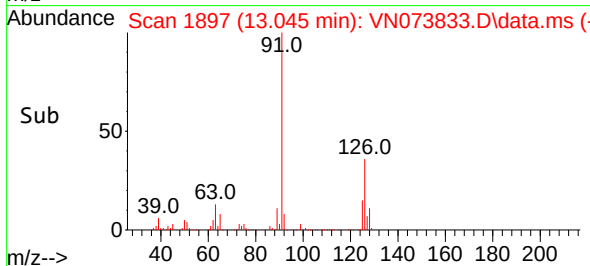
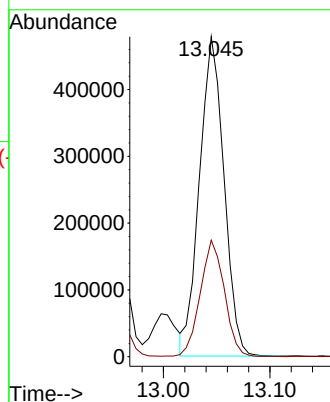
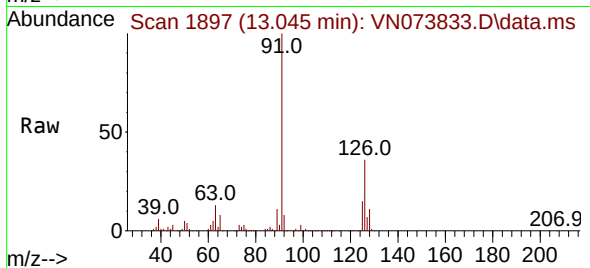
126 36.2 17.2 51.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#83

tert-Butylbenzene

Concen: 57.126 ug/l

RT: 13.262 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

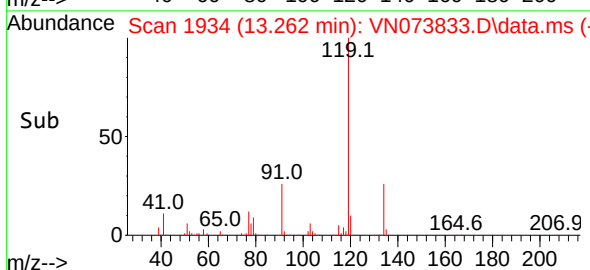
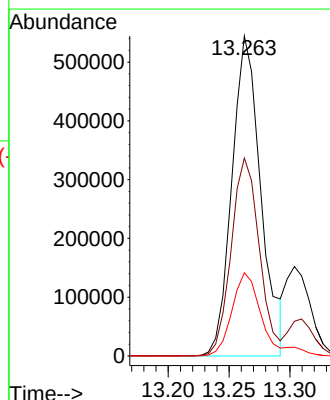
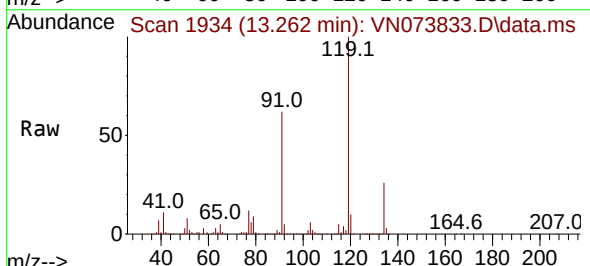
Tgt Ion:119 Resp: 899407

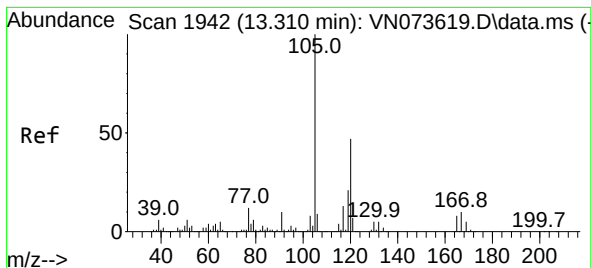
Ion Ratio Lower Upper

119 100

91 60.2 31.6 94.8

134 27.2 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 55.917 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN073833.D

Acq: 11 Aug 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

TT149S1-20220809MSD

Tgt Ion:105 Resp: 97732

Ion Ratio Lower Upper

105 100

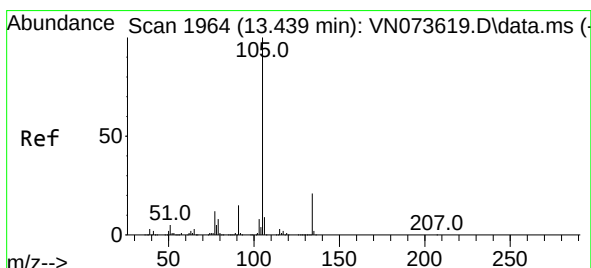
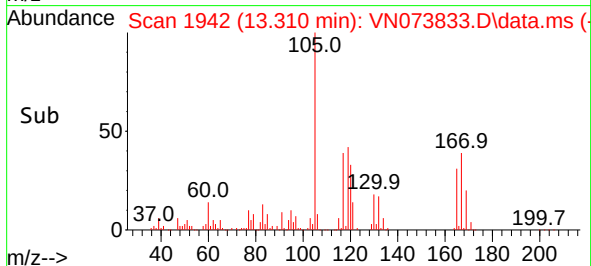
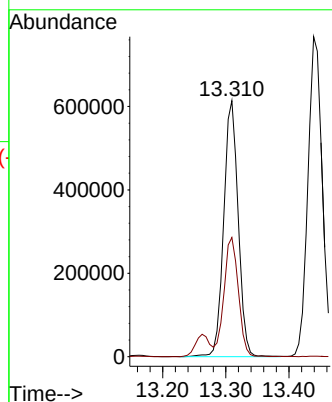
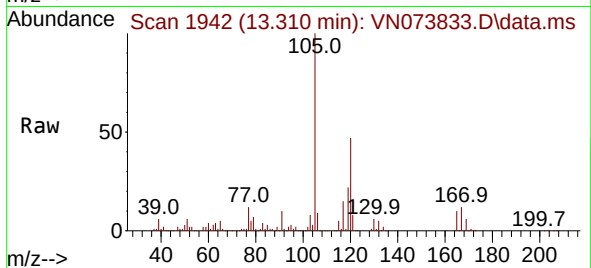
120 46.0 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#85

sec-Butylbenzene

Concen: 55.541 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN073833.D

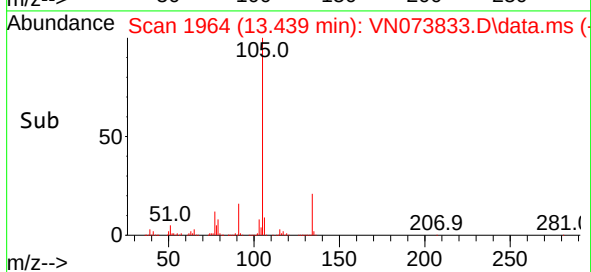
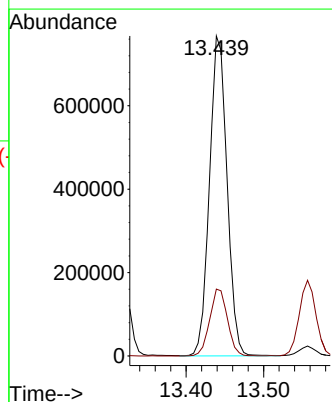
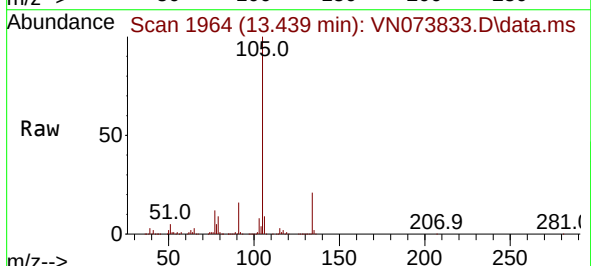
Acq: 11 Aug 2022 18:32

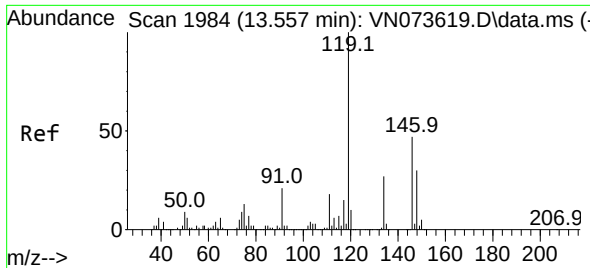
Tgt Ion:105 Resp: 1208601

Ion Ratio Lower Upper

105 100

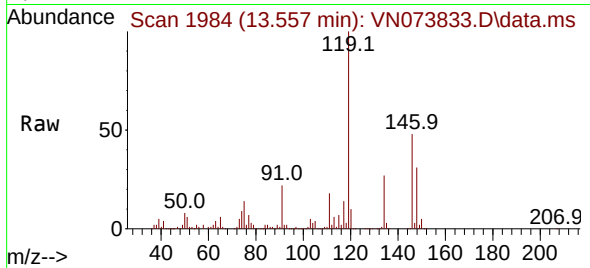
134 21.1 10.4 31.1





#86
p-Isopropyltoluene
Concen: 59.174 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

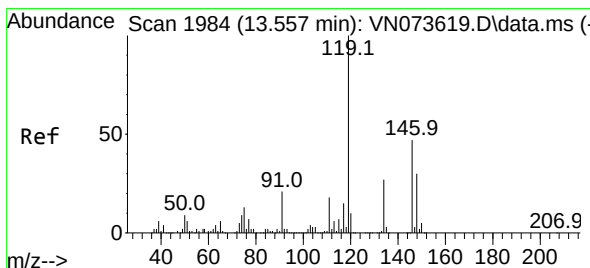
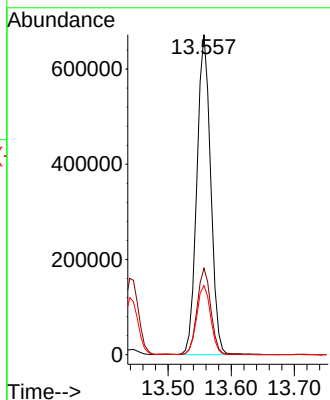
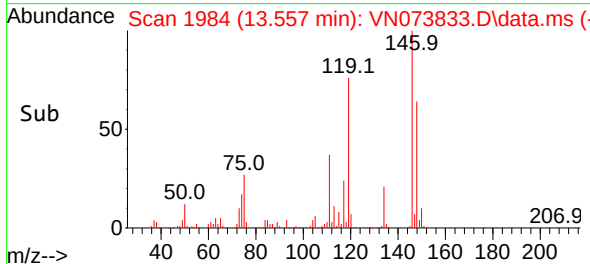
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



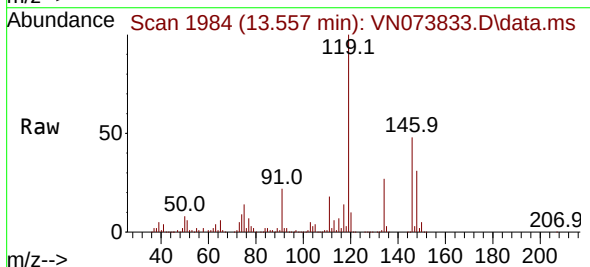
Tgt Ion:119 Resp: 1015080
Ion Ratio Lower Upper
119 100
134 26.9 13.3 39.8
91 21.7 11.3 33.9

Manual Integrations
APPROVED

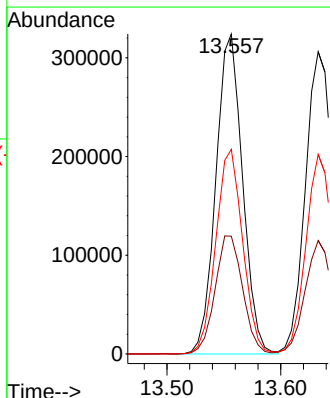
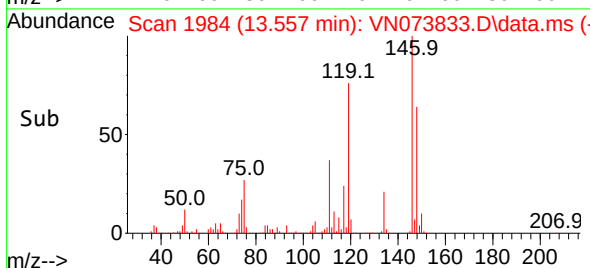
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

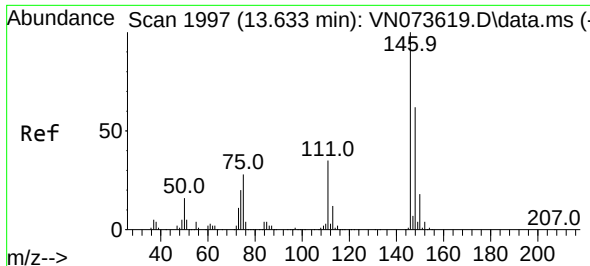


#87
1,3-Dichlorobenzene
Concen: 51.591 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32



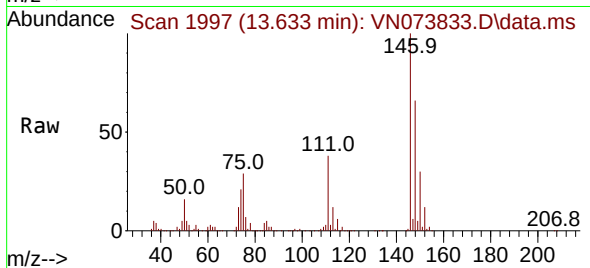
Tgt Ion:146 Resp: 529694
Ion Ratio Lower Upper
146 100
111 38.2 20.0 60.0
148 64.5 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 50.791 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

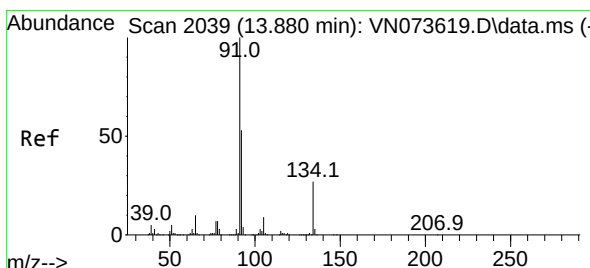
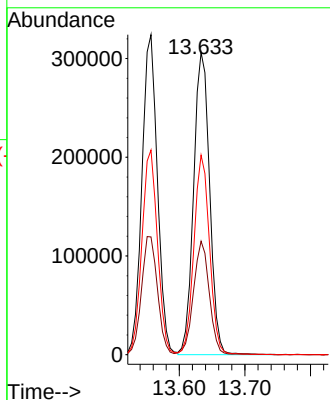
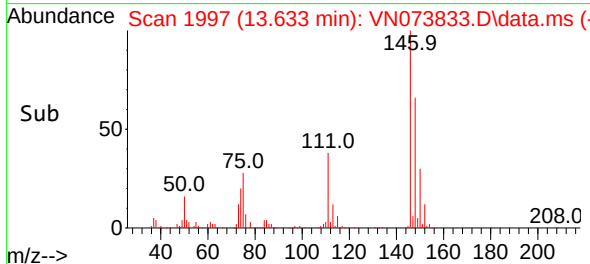
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



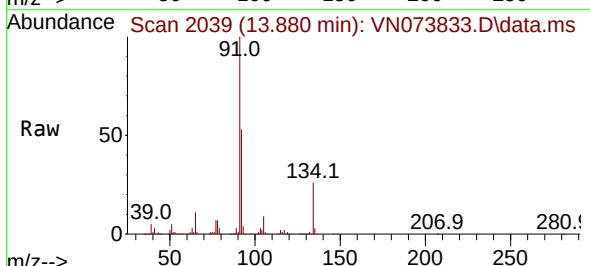
Tgt Ion:146 Resp: 521760
Ion Ratio Lower Upper
146 100
111 36.6 19.1 57.1
148 64.0 31.4 94.3

Manual Integrations
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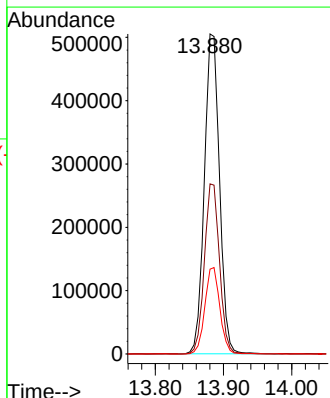
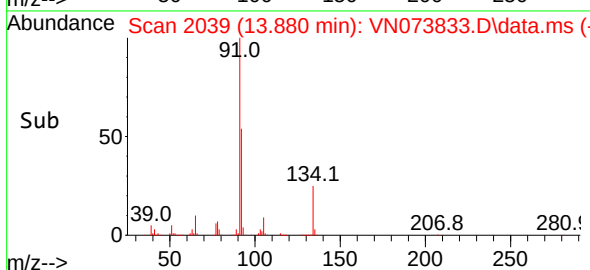
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

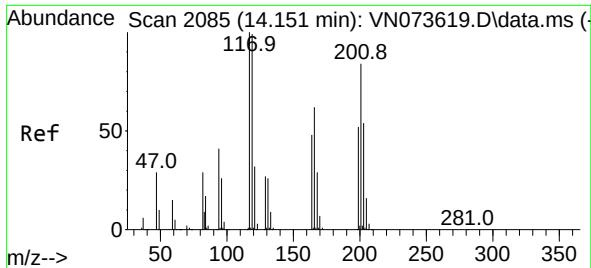


#89
n-Butylbenzene
Concen: 56.025 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32



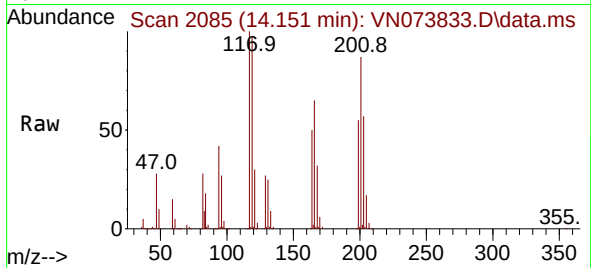
Tgt Ion: 91 Resp: 781972
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 26.7 13.6 40.8





#90
Hexachloroethane
Concen: 53.750 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

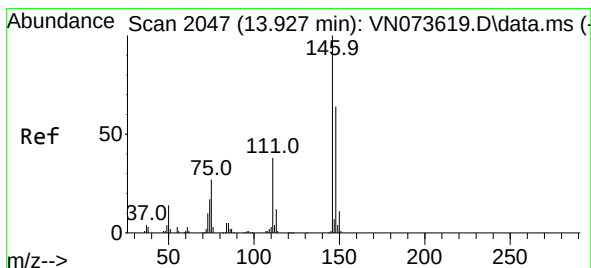
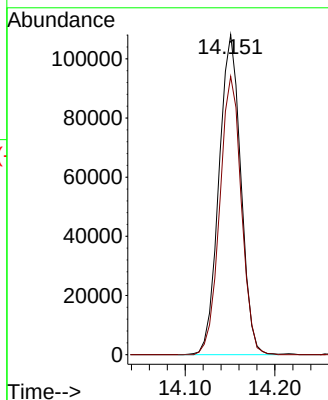
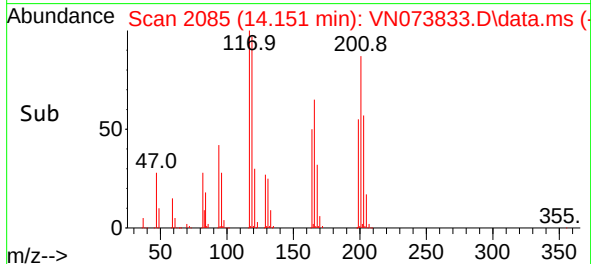
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



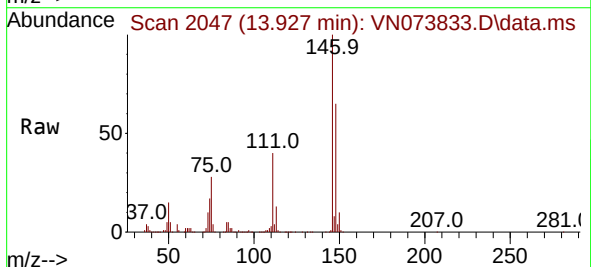
Tgt Ion:117 Resp: 182939
Ion Ratio Lower Upper
117 100
201 85.8 40.6 122.0

Manual Integrations
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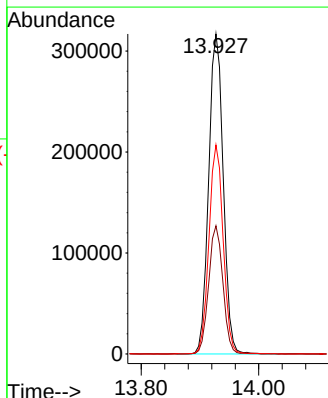
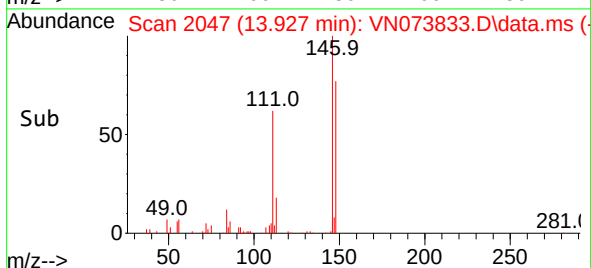
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

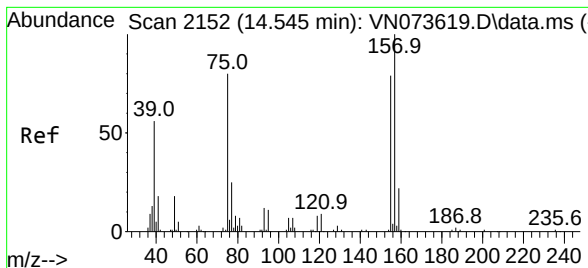


#91
1,2-Dichlorobenzene
Concen: 52.302 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32



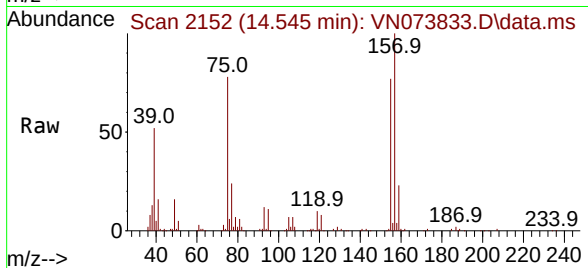
Tgt Ion:146 Resp: 544160
Ion Ratio Lower Upper
146 100
111 39.2 20.9 62.8
148 64.0 32.1 96.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 56.658 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

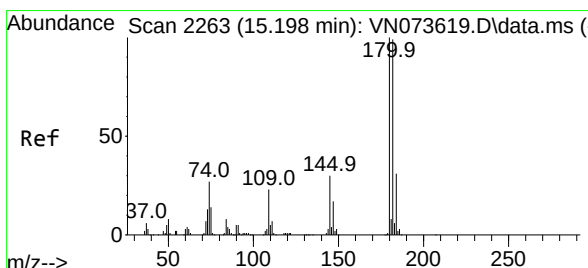
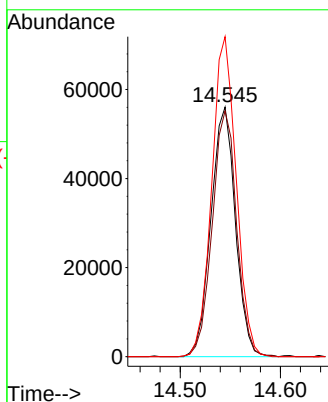
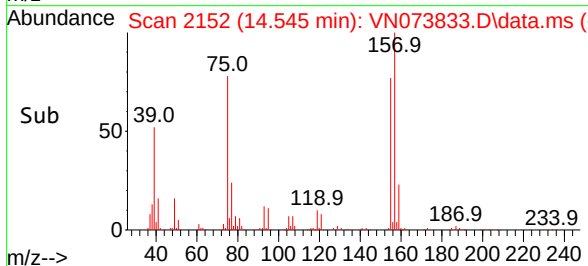
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



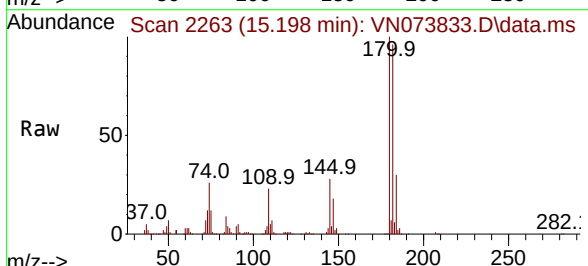
Tgt Ion: 75 Resp: 9488
Ion Ratio Lower Upper
75 100
155 97.9 44.9 134.5
157 127.5 59.0 176.8

Manual Integrations
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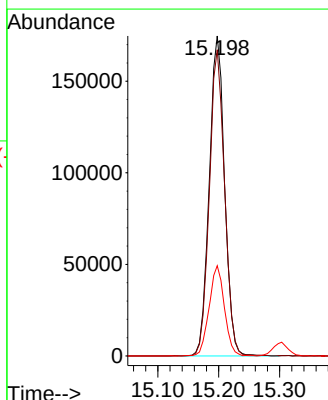
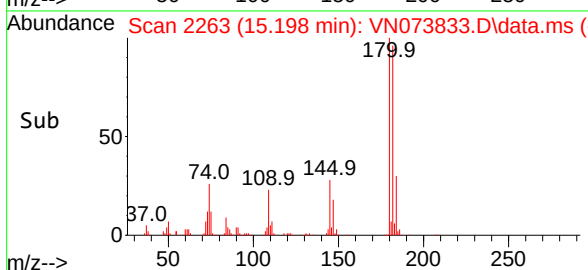
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

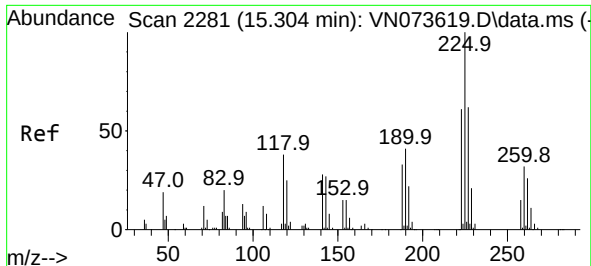


#93
1,2,4-Trichlorobenzene
Concen: 59.250 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32



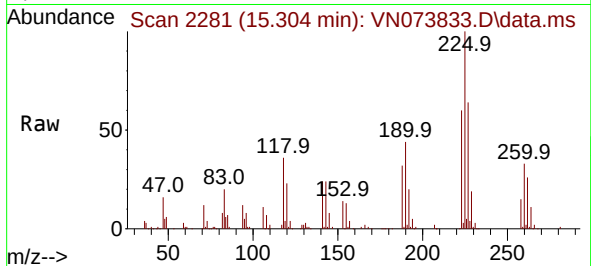
Tgt Ion:180 Resp: 306125
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 28.1 14.5 43.5





#94
Hexachlorobutadiene
Concen: 56.212 ug/l
RT: 15.304 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

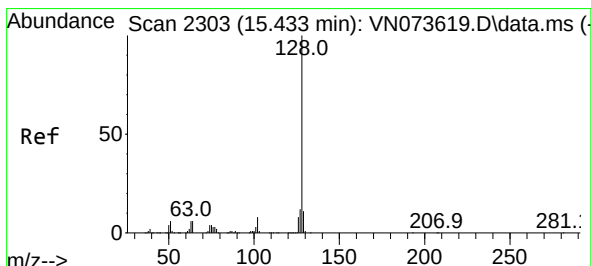
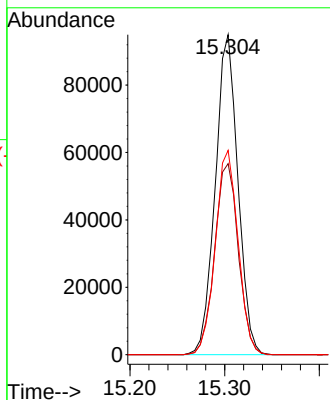
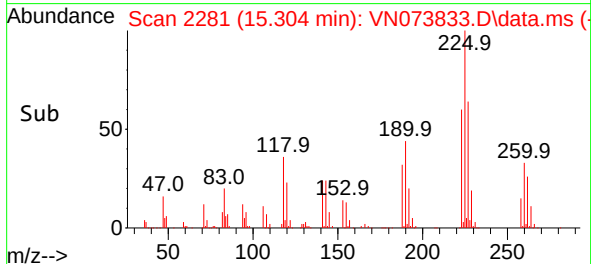
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD



Tgt Ion:225 Resp: 157890
Ion Ratio Lower Upper
225 100
223 62.6 32.4 97.2
227 64.3 31.8 95.4

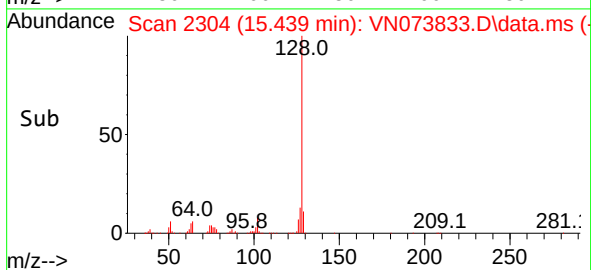
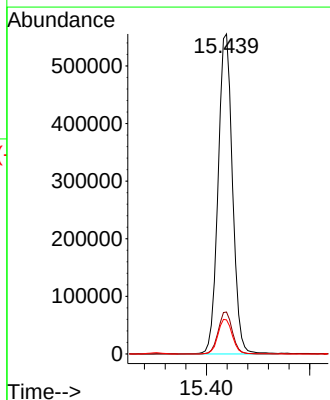
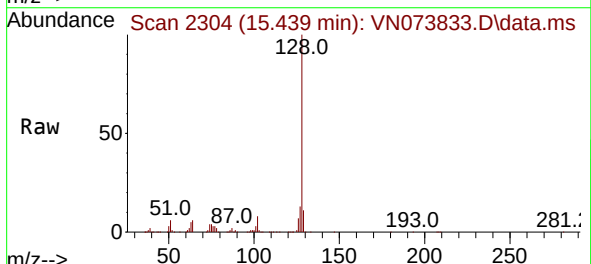
Manual Integrations
APPROVED

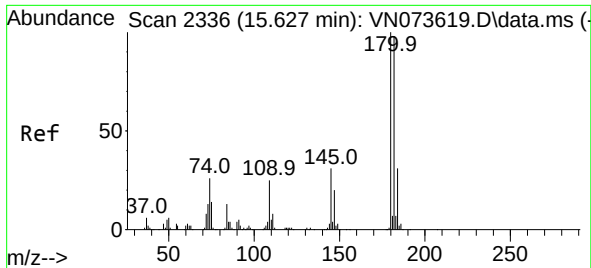
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#95
Naphthalene
Concen: 64.055 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN073833.D
Acq: 11 Aug 2022 18:32

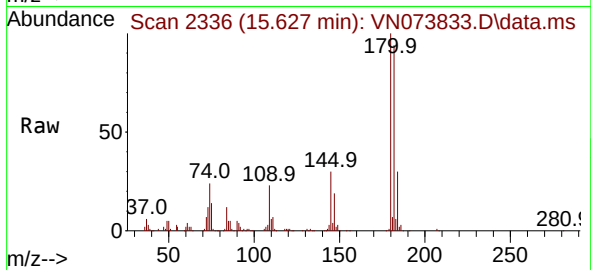
Tgt Ion:128 Resp: 1073951
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 59.820 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN073833.D
 Acq: 11 Aug 2022 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 TT149S1-20220809MSD



Tgt Ion:180 Resp: 32528
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.8 143.3
 145 29.9 15.5 46.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022

