

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074137.D
 Acq On : 26 Aug 2022 15:43
 Operator : JC\MD
 Sample : VN0826SBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/07/2022
 Supervised By : Mahesh Dadoda 09/08/2022

Quant Time: Aug 27 00:20:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	460104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	721884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	651359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	318518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	279564	62.383	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.760%			
35) Dibromofluoromethane	7.951	113	250813	58.750	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.500%			
50) Toluene-d8	10.381	98	878061	53.106	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.220%			
62) 4-Bromofluorobenzene	12.675	95	307452	56.029	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	84586	23.185	ug/l	98
3) Chloromethane	2.263	50	80736	19.901	ug/l	97
4) Vinyl Chloride	2.405	62	109537	21.032	ug/l	100
5) Bromomethane	2.799	94	58210	17.898	ug/l	95
6) Chloroethane	2.963	64	72063	19.586	ug/l	98
7) Trichlorofluoromethane	3.316	101	157528	23.447	ug/l	100
8) Diethyl Ether	3.763	74	56092	22.491	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.134	101	83626	21.427	ug/l	95
10) Methyl Iodide	4.352	142	66693	14.234	ug/l	99
11) Tert butyl alcohol	5.299	59	128139	127.830	ug/l	99
12) 1,1-Dichloroethene	4.110	96	78241	21.546	ug/l	90
13) Acrolein	3.981	56	54029	77.003	ug/l	97
14) Allyl chloride	4.757	41	128369	23.869	ug/l	94
15) Acrylonitrile	5.475	53	334379	136.631	ug/l	99
16) Acetone	4.222	43	273277	129.254	ug/l	100
17) Carbon Disulfide	4.452	76	191436	22.172	ug/l	98
18) Methyl Acetate	4.775	43	150117	27.252	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	292118	22.336	ug/l	96
20) Methylene Chloride	5.016	84	101863	22.832	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	86591	21.644	ug/l	97
22) Diisopropyl ether	6.410	45	279483	24.510	ug/l	98
23) Vinyl Acetate	6.351	43	1200519	122.858	ug/l	99
24) 1,1-Dichloroethane	6.304	63	167919	23.658	ug/l	97
25) 2-Butanone	7.263	43	456946	136.305	ug/l	100
26) 2,2-Dichloropropane	7.245	77	127046	19.052	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	107605	21.800	ug/l	96
28) Bromochloromethane	7.587	49	70800	27.046	ug/l	98
29) Tetrahydrofuran	7.610	42	296407	137.832	ug/l	99
30) Chloroform	7.745	83	182732	23.024	ug/l	99
31) Cyclohexane	8.022	56	142727	22.847	ug/l	96
32) 1,1,1-Trichloroethane	7.945	97	153520	21.812	ug/l	97
36) 1,1-Dichloropropene	8.151	75	119882	20.217	ug/l	99
37) Ethyl Acetate	7.340	43	169634	23.614	ug/l	98
38) Carbon Tetrachloride	8.140	117	130386	19.237	ug/l	99
39) Methylcyclohexane	9.398	83	141598	19.058	ug/l	98
40) Benzene	8.392	78	397986	21.265	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	84561	26.047	ug/l #	88
42) 1,2-Dichloroethane	8.469	62	136348	21.188	ug/l	98
43) Isopropyl Acetate	8.498	43	222720	21.763	ug/l	98
44) Trichloroethene	9.151	130	101828	18.838	ug/l	95
45) 1,2-Dichloropropane	9.428	63	101986	22.735	ug/l	98
46) Dibromomethane	9.516	93	71352	20.922	ug/l	94
47) Bromodichloromethane	9.704	83	139145	21.346	ug/l	98
48) Methyl methacrylate	9.498	41	98072	22.396	ug/l	92
49) 1,4-Dioxane	9.510	88	65882	505.927	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	836705	120.926	ug/l	99
52) Toluene	10.445	92	252126	19.646	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	132871	19.425	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	151359	20.224	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	106689	21.372	ug/l	97
56) Ethyl methacrylate	10.704	69	157124	22.068	ug/l	95
57) 1,3-Dichloropropane	10.986	76	177257	21.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	300454	88.176	ug/l	100
59) 2-Hexanone	11.028	43	657945	123.557	ug/l	99
60) Dibromochloromethane	11.181	129	112013	20.290	ug/l	99
61) 1,2-Dibromoethane	11.286	107	107270	20.090	ug/l	98
64) Tetrachloroethene	10.916	164	89792	17.466	ug/l	97
65) Chlorobenzene	11.710	112	273744	19.775	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.786	131	102683	19.589	ug/l	99
67) Ethyl Benzene	11.786	91	456405	19.825	ug/l	100
68) m/p-Xylenes	11.892	106	361981	38.699	ug/l	100
69) o-Xylene	12.222	106	178546	19.035	ug/l	100
70) Styrene	12.233	104	295840	20.145	ug/l	98
71) Bromoform	12.398	173	88391	18.886	ug/l #	99
73) Isopropylbenzene	12.522	105	452997	19.531	ug/l	99
74) N-amyl acetate	12.333	43	176904	20.176	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	176803	22.716	ug/l	97
76) 1,2,3-Trichloropropane	12.822	75	126328m	19.082	ug/l	
77) Bromobenzene	12.798	156	120993	19.273	ug/l	97
78) n-propylbenzene	12.863	91	510078	20.632	ug/l	100
79) 2-Chlorotoluene	12.951	91	320471	20.800	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	385454	20.432	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	46759	20.088	ug/l	97
82) 4-Chlorotoluene	13.045	91	306821	20.967	ug/l	98
83) tert-Butylbenzene	13.263	119	336797	19.401	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	384399	20.404	ug/l	100
85) sec-Butylbenzene	13.439	105	460665	20.471	ug/l	99
86) p-Isopropyltoluene	13.557	119	383102	19.984	ug/l	100
87) 1,3-Dichlorobenzene	13.557	146	209852	19.275	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	206775	18.741	ug/l	98
89) n-Butylbenzene	13.880	91	281444	18.535	ug/l	98
90) Hexachloroethane	14.151	117	69234	19.757	ug/l	92
91) 1,2-Dichlorobenzene	13.927	146	220843	19.643	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	37417	20.361	ug/l	94
93) 1,2,4-Trichlorobenzene	15.198	180	118004	17.246	ug/l	99
94) Hexachlorobutadiene	15.304	225	65551	18.173	ug/l	97
95) Naphthalene	15.439	128	406775	18.235	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	130996	18.522	ug/l	98

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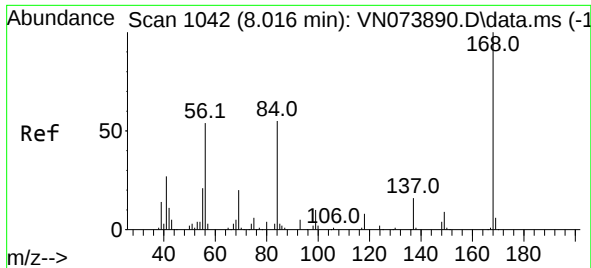
Manual Integrations
APPROVED

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Response via : Initial Calibration

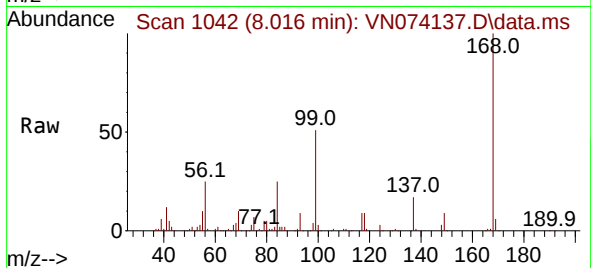
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
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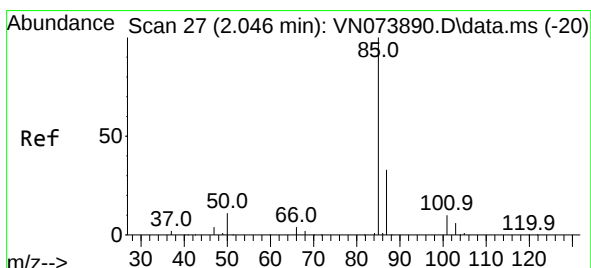
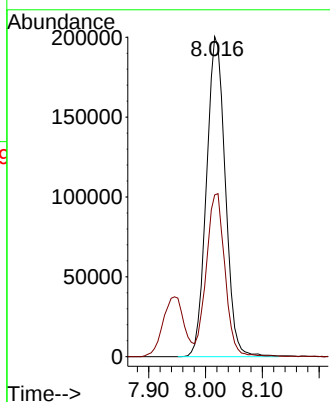
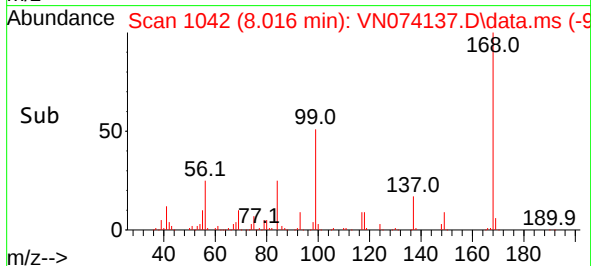
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Tgt Ion:168 Resp: 460104
Ion Ratio Lower Upper
168 100
99 50.4 42.3 63.5

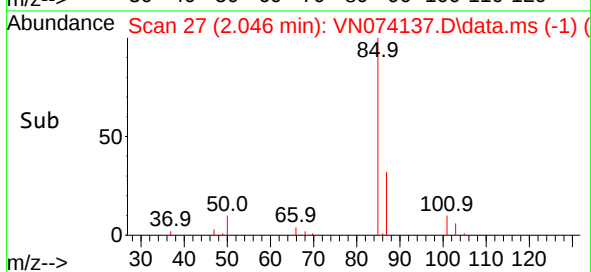
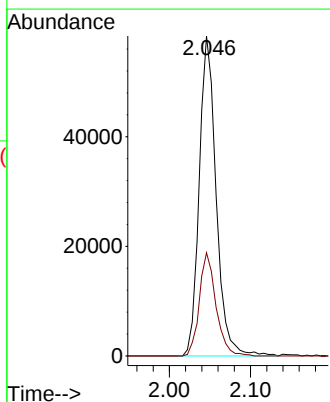
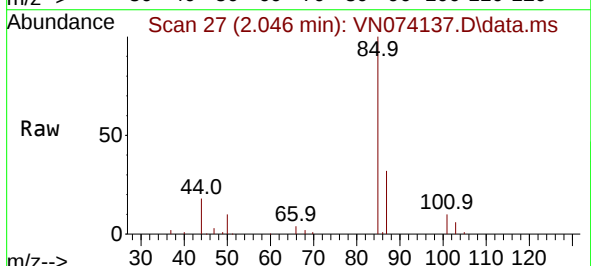
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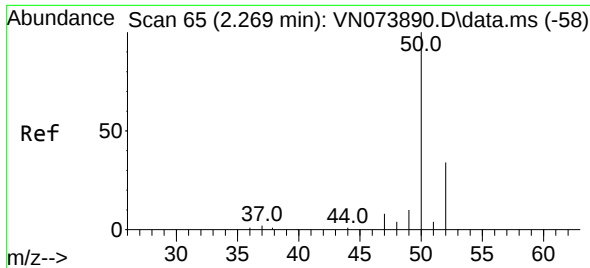
Reviewed By :John Carlone 09/07/2022
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#2
Dichlorodifluoromethane
Concen: 23.185 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Tgt Ion: 85 Resp: 84586
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1





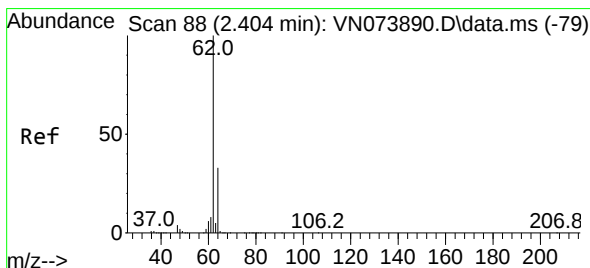
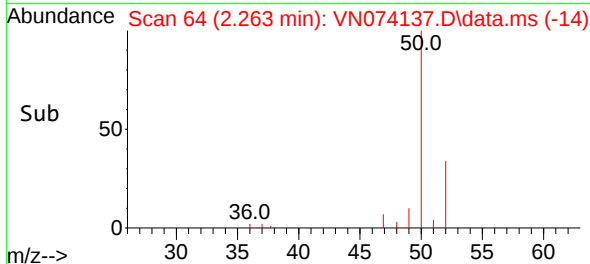
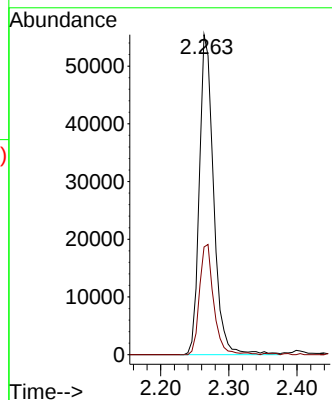
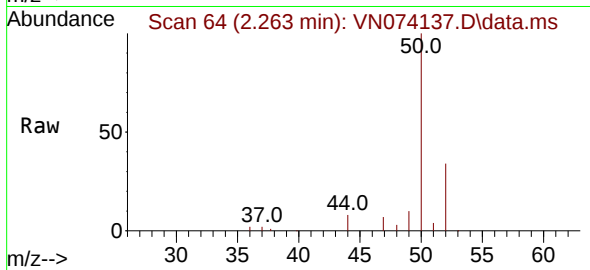
#3
Chloromethane
Concen: 19.901 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074137.D
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ClientSampleId :
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Tgt Ion: 50 Resp: 80736
Ion Ratio Lower Upper
50 100
52 33.6 25.7 38.5

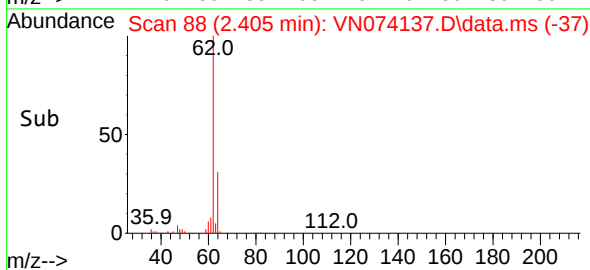
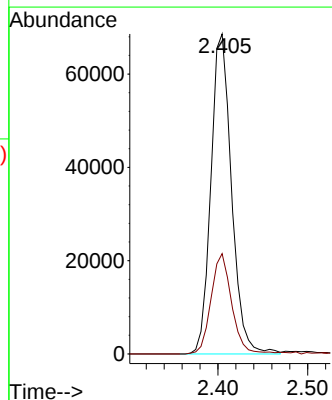
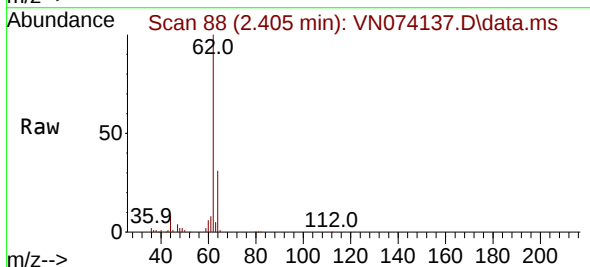
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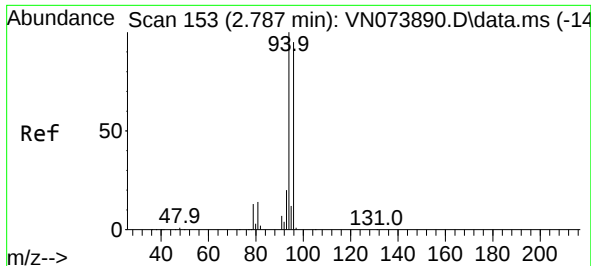
Reviewed By :John Carlone 09/07/2022
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#4
Vinyl Chloride
Concen: 21.032 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.001 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

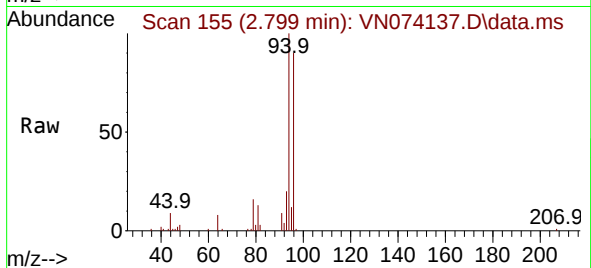
Tgt Ion: 62 Resp: 109537
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.4





#5
Bromomethane
Concen: 17.898 ug/l
RT: 2.799 min Scan# 153
Delta R.T. 0.012 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

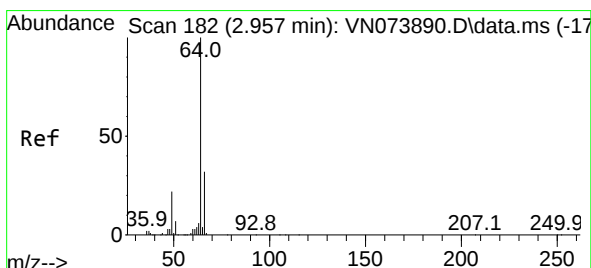
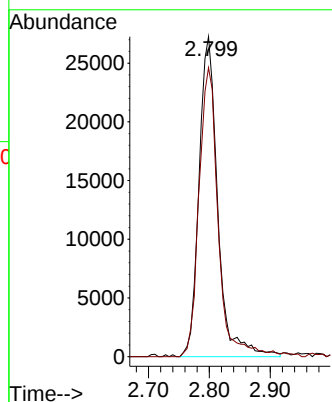
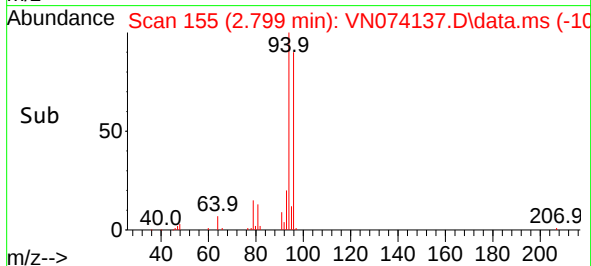
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Tgt Ion: 94 Resp: 58210
Ion Ratio Lower Upper
94 100
96 90.3 76.0 114.0

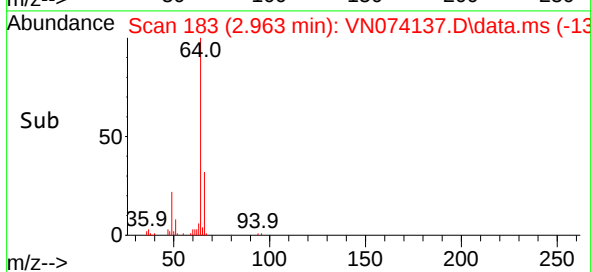
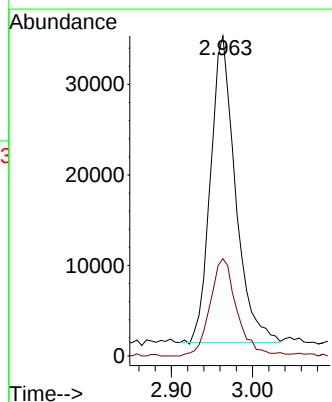
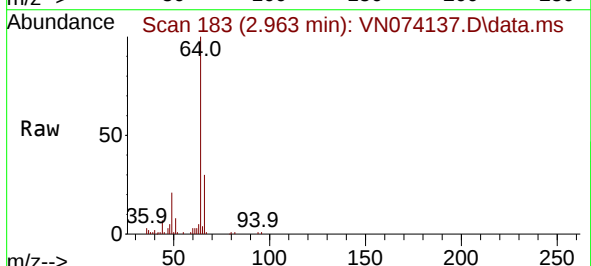
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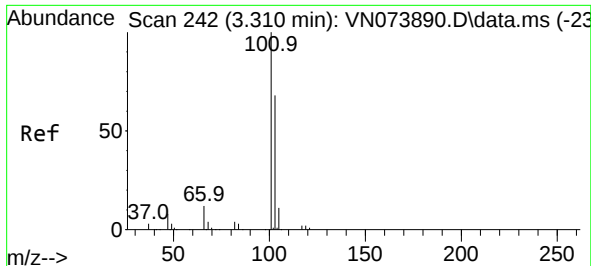
Reviewed By :John Carlone 09/07/2022
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#6
Chloroethane
Concen: 19.586 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN074137.D
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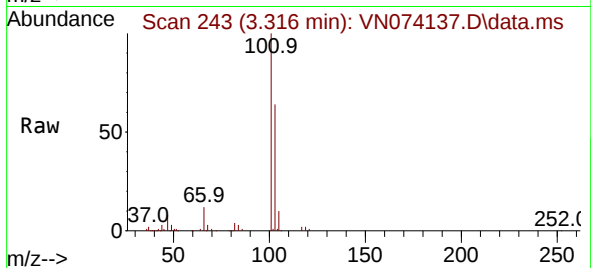
Tgt Ion: 64 Resp: 72063
Ion Ratio Lower Upper
64 100
66 31.7 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 23.447 ug/l
 RT: 3.316 min Scan# 242
 Delta R.T. 0.006 min
 Lab File: VN074137.D
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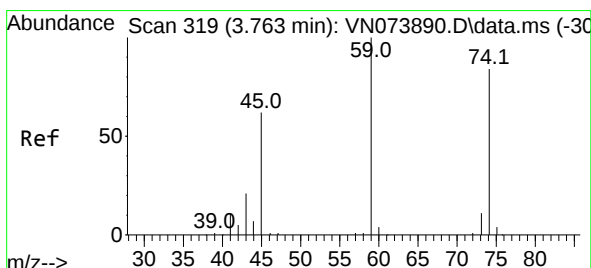
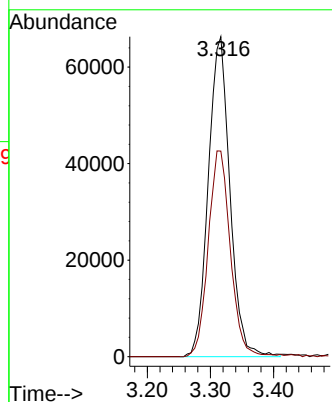
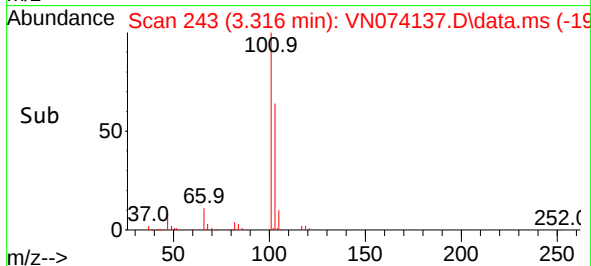
Instrument :
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 ClientSampleId :
 VN0826WBS02



Tgt Ion:101 Resp: 157528
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.5 77.3

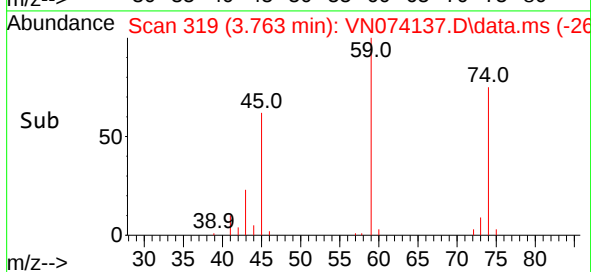
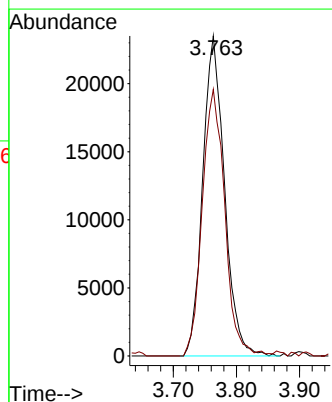
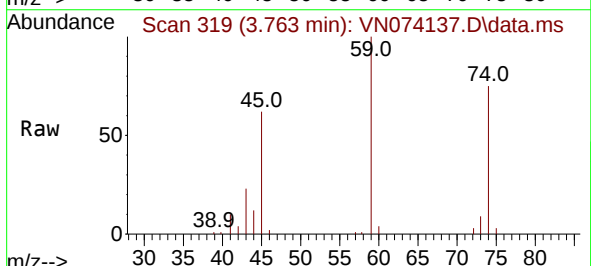
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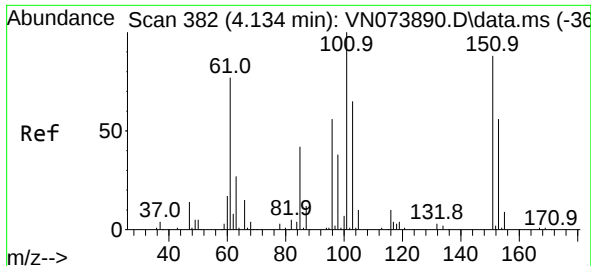
Reviewed By :John Carlone 09/07/2022
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#8
 Diethyl Ether
 Concen: 22.491 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN074137.D
 Acq: 26 Aug 2022 15:43

Tgt Ion: 74 Resp: 56092
 Ion Ratio Lower Upper
 74 100
 45 86.5 42.9 128.5





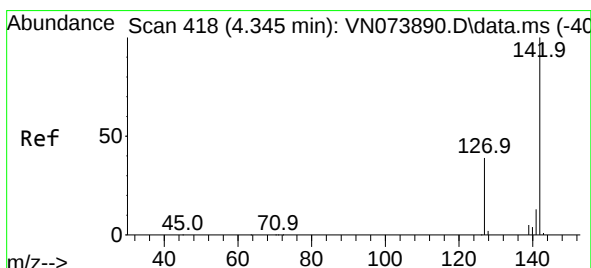
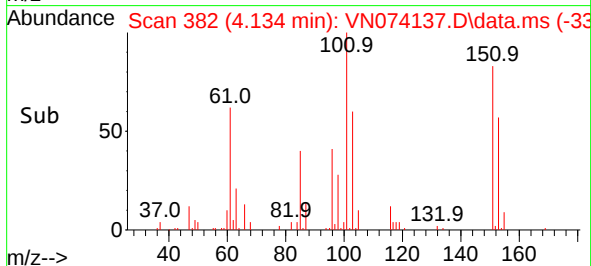
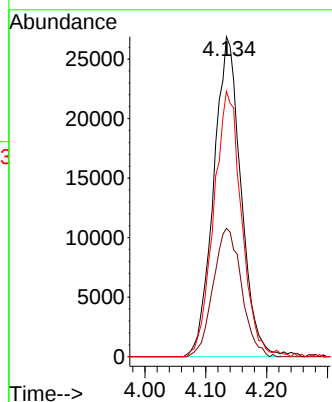
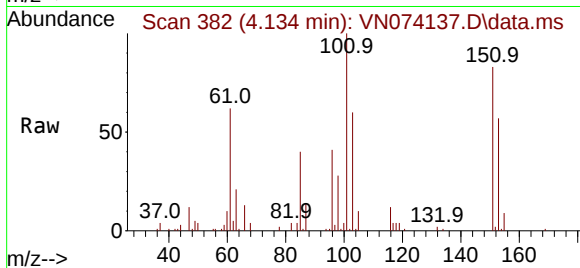
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.427 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion:101 Resp: 83620
Ion Ratio Lower Upper
101 100
85 41.7 34.7 52.1
151 84.1 63.0 94.4

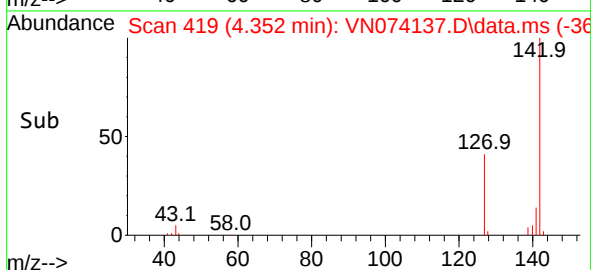
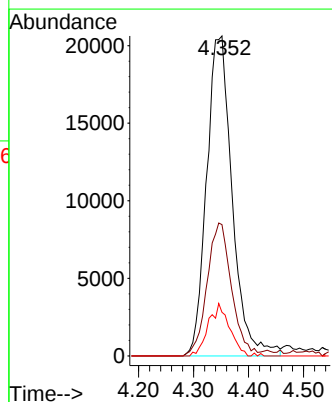
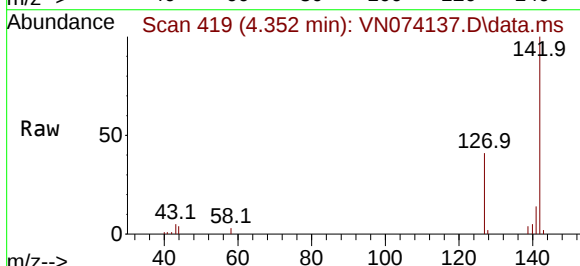
Manual Integrations
APPROVED

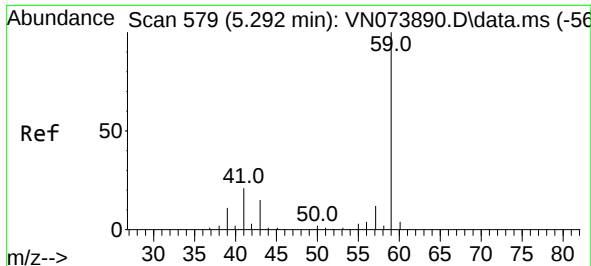
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#10
Methyl Iodide
Concen: 14.234 ug/l
RT: 4.352 min Scan# 419
Delta R.T. 0.001 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

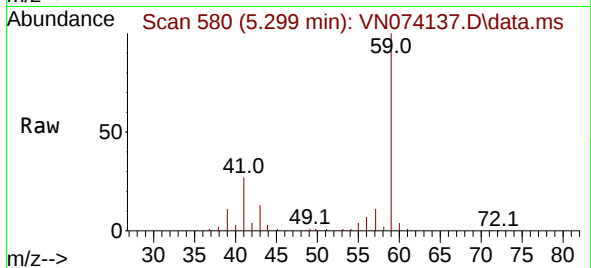
Tgt Ion:142 Resp: 66693
Ion Ratio Lower Upper
142 100
127 39.7 31.3 46.9
141 13.5 11.2 16.8





#11
Tert butyl alcohol
Concen: 127.830 ug/l
RT: 5.299 min Scan# 51
Delta R.T. 0.007 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

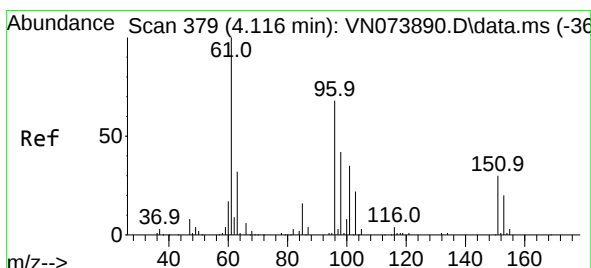
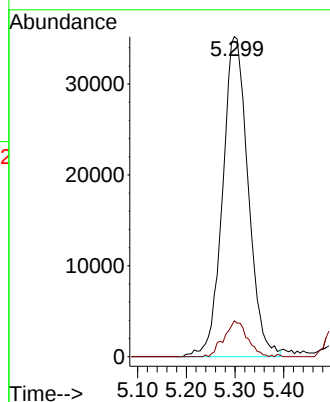
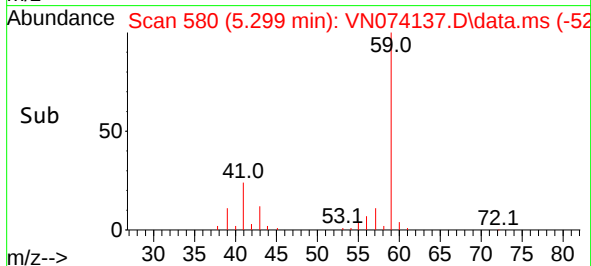
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



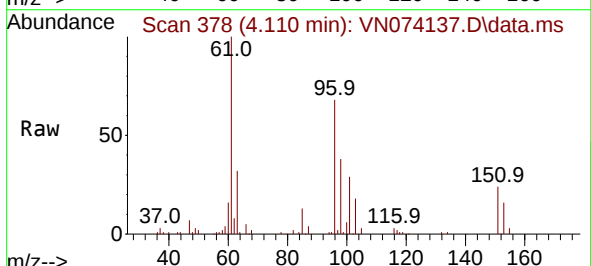
Tgt Ion: 59 Resp: 128139
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

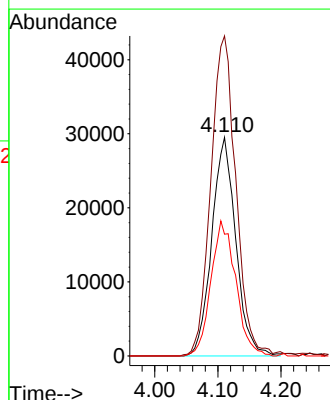
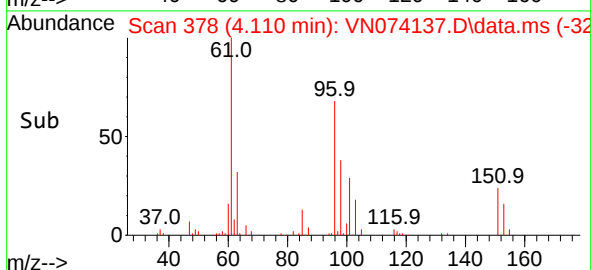
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022

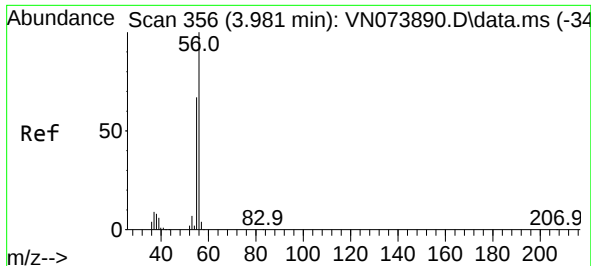


#12
1,1-Dichloroethene
Concen: 21.546 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43



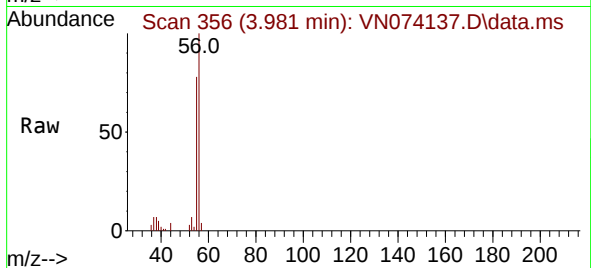
Tgt Ion: 96 Resp: 78241
Ion Ratio Lower Upper
96 100
61 146.4 127.6 191.4
98 55.7 51.2 76.8





#13
Acrolein
Concen: 77.003 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

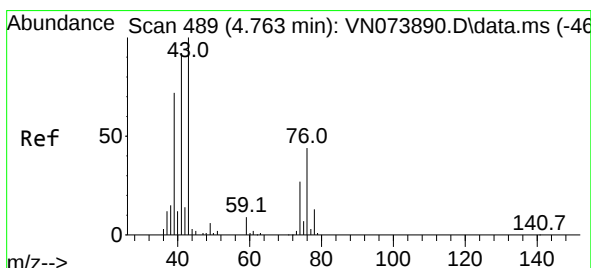
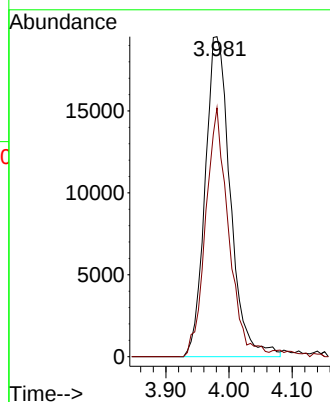
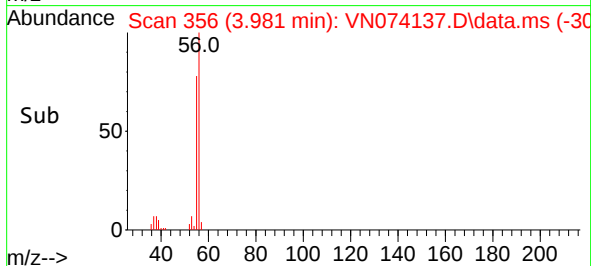
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 56 Resp: 54029
Ion Ratio Lower Upper
56 100
55 71.0 54.8 82.2

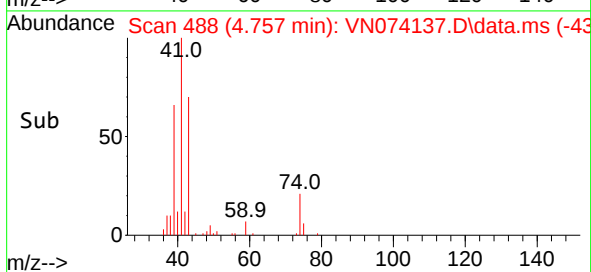
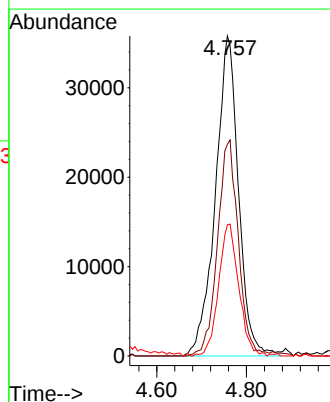
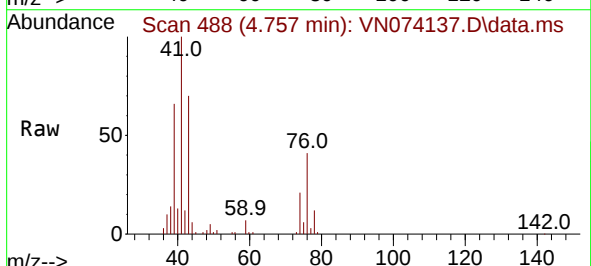
Manual Integrations
APPROVED

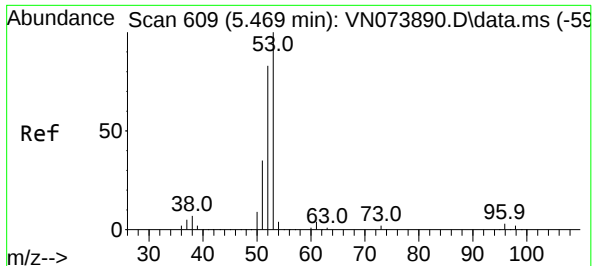
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#14
Allyl chloride
Concen: 23.869 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

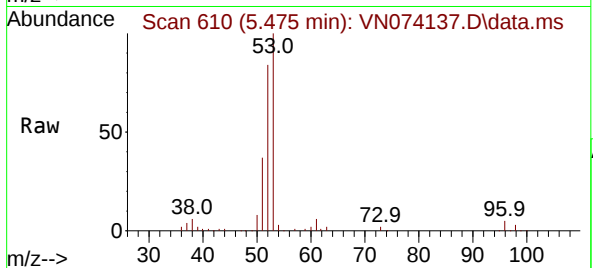
Tgt Ion: 41 Resp: 128369
Ion Ratio Lower Upper
41 100
39 60.8 53.2 79.8
76 35.9 29.9 44.9





#15
Acrylonitrile
Concen: 136.631 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

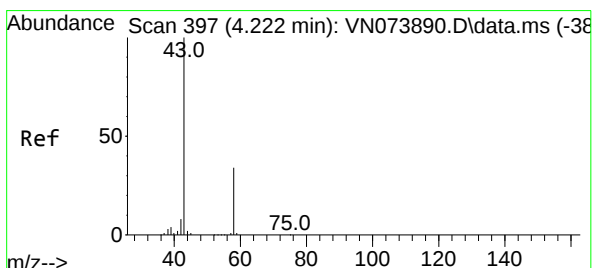
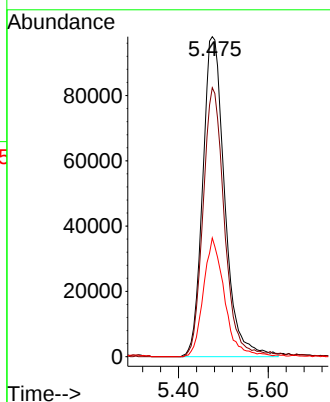
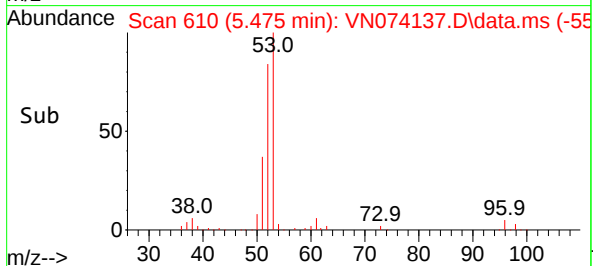
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 53 Resp: 334379
Ion Ratio Lower Upper
53 100
52 81.2 66.4 99.6
51 35.6 28.5 42.7

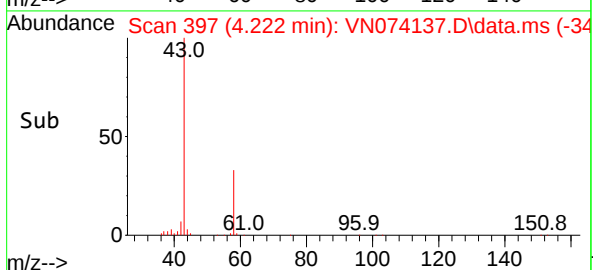
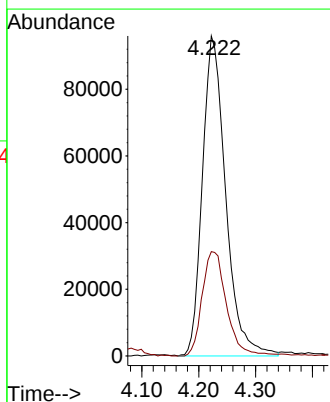
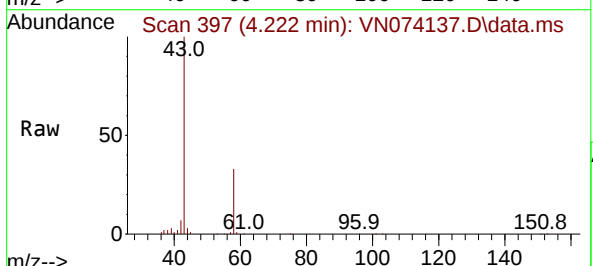
Manual Integrations
APPROVED

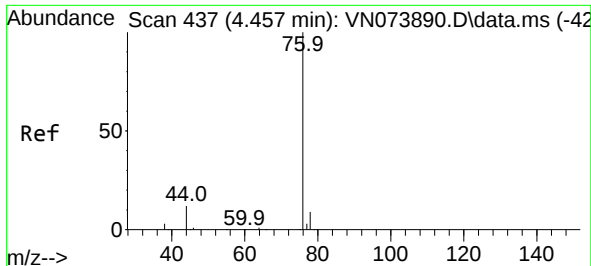
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#16
Acetone
Concen: 129.254 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Tgt Ion: 43 Resp: 273277
Ion Ratio Lower Upper
43 100
58 32.6 26.0 39.0





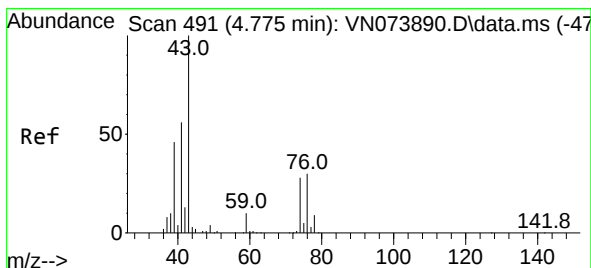
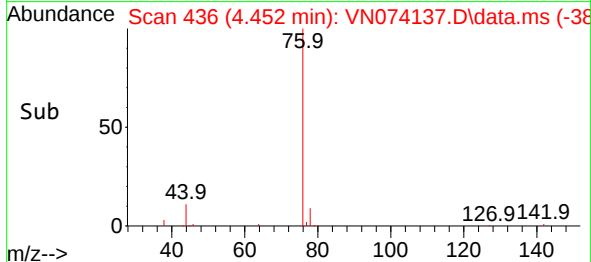
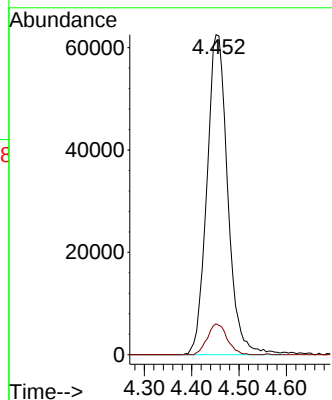
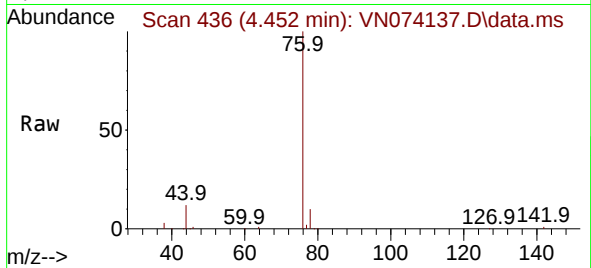
#17
Carbon Disulfide
Concen: 22.172 ug/l
RT: 4.452 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion: 76 Resp: 191436
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

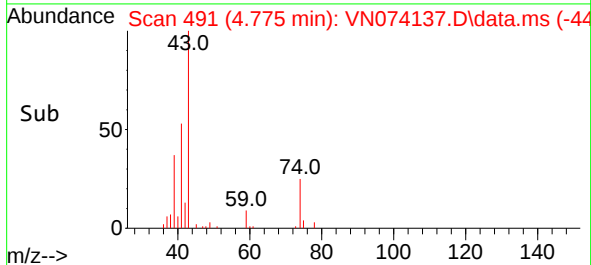
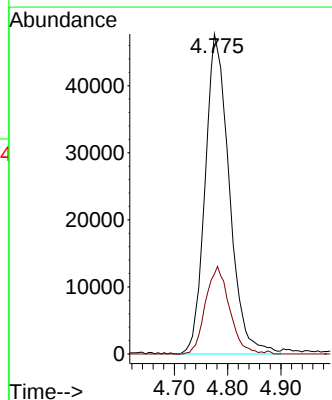
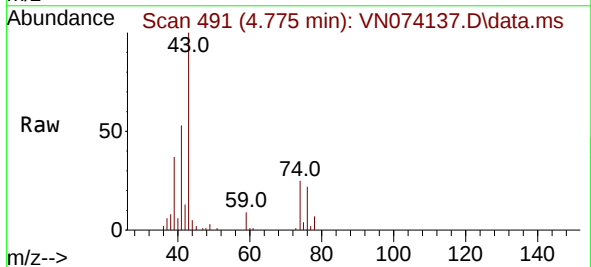
Manual Integrations
APPROVED

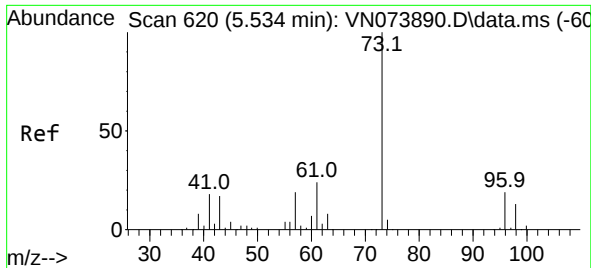
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#18
Methyl Acetate
Concen: 27.252 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Tgt Ion: 43 Resp: 150117
Ion Ratio Lower Upper
43 100
74 27.1 21.6 32.4





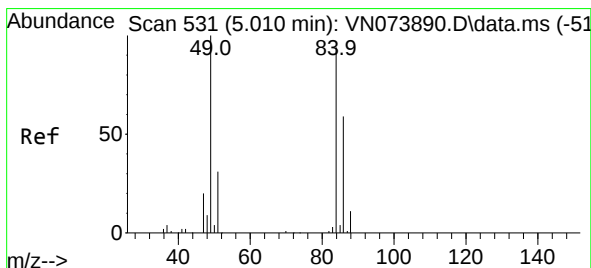
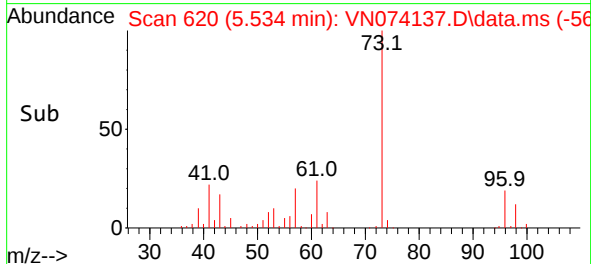
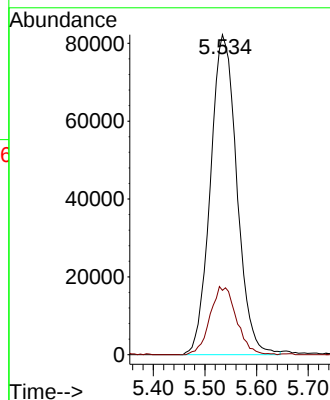
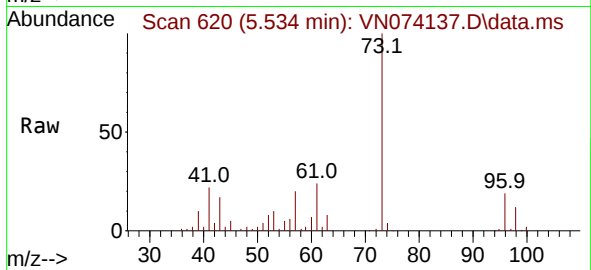
#19
Methyl tert-butyl Ether
Concen: 22.336 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion: 73 Resp: 292118
Ion Ratio Lower Upper
73 100
57 20.1 17.6 26.4

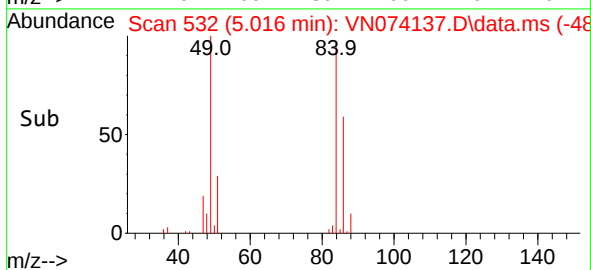
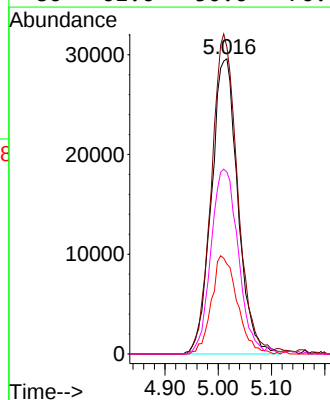
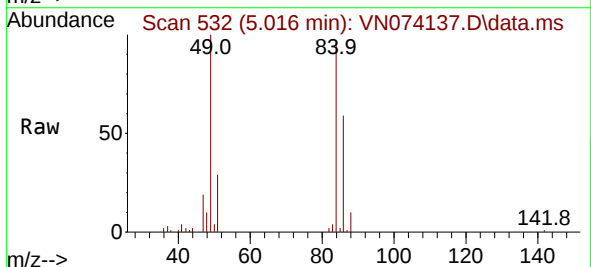
Manual Integrations
APPROVED

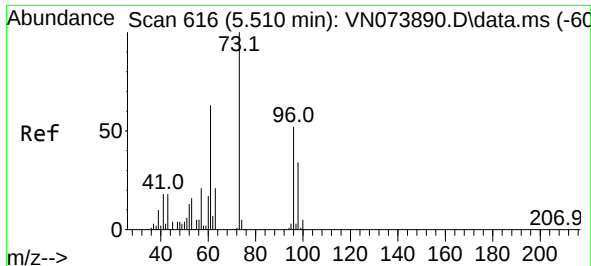
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#20
Methylene Chloride
Concen: 22.832 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

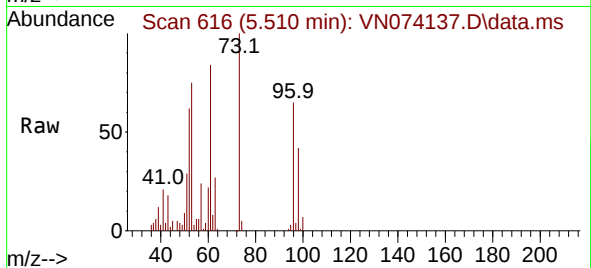
Tgt Ion: 84 Resp: 101863
Ion Ratio Lower Upper
84 100
49 103.9 88.3 132.5
51 30.4 28.2 42.2
86 61.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 21.644 ug/l
RT: 5.510 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

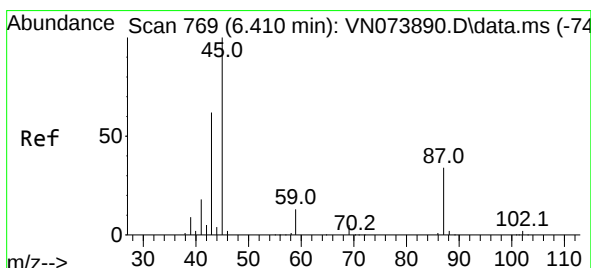
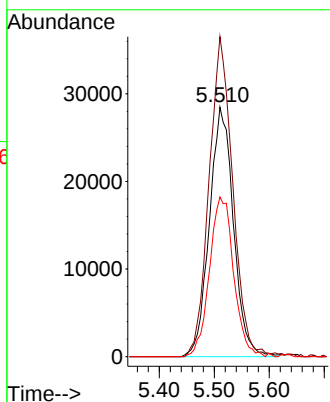
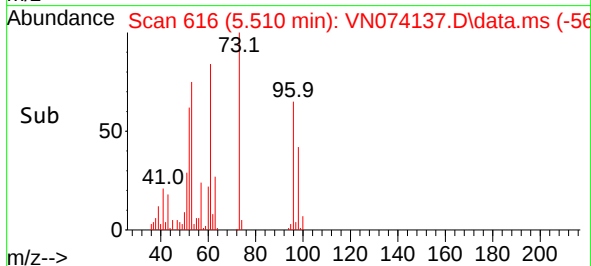
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 96 Resp: 8659
Ion Ratio Lower Upper
96 100
61 128.3 105.8 158.8
98 64.1 50.3 75.5

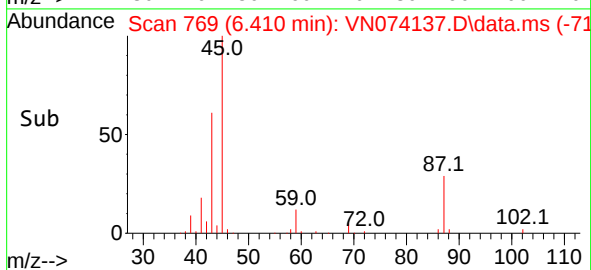
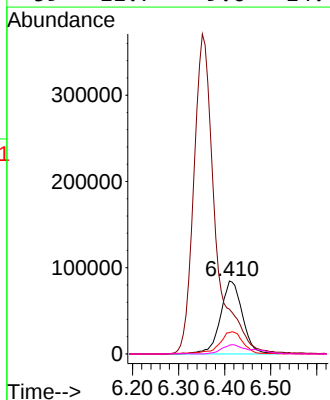
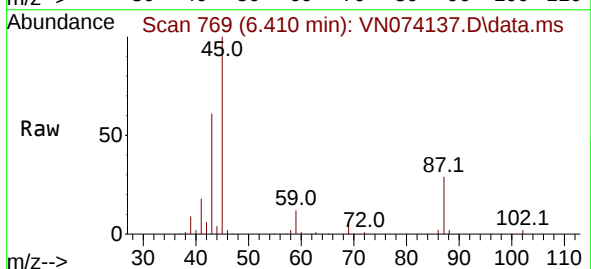
Manual Integrations
APPROVED

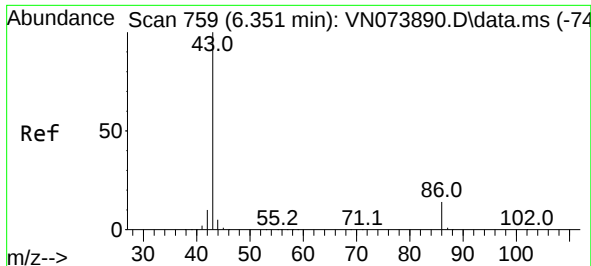
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#22
Diisopropyl ether
Concen: 24.510 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Tgt Ion: 45 Resp: 279483
Ion Ratio Lower Upper
45 100
43 59.1 46.6 70.0
87 28.9 24.3 36.5
59 11.7 9.6 14.4





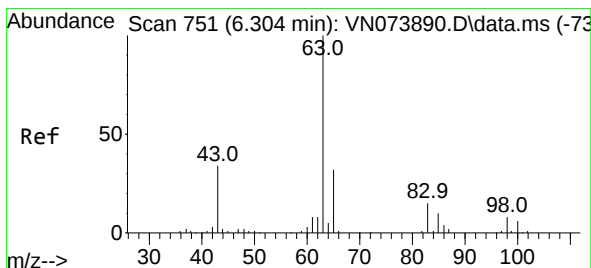
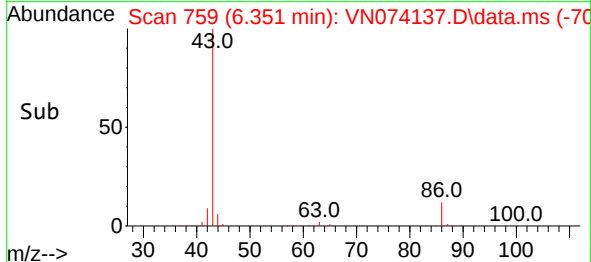
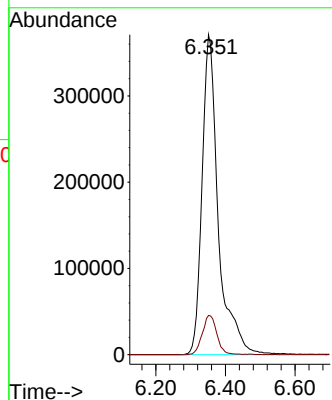
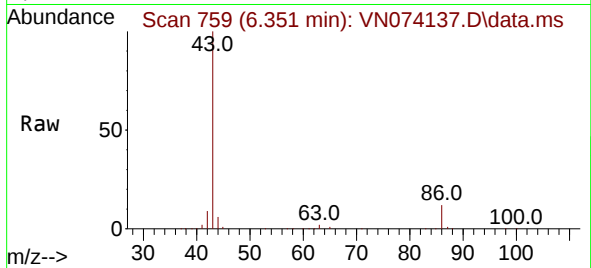
#23
 Vinyl Acetate
 Concen: 122.858 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN074137.D
 Acq: 26 Aug 2022 15:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

Tgt Ion: 43 Resp: 1200519
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.0 15.0

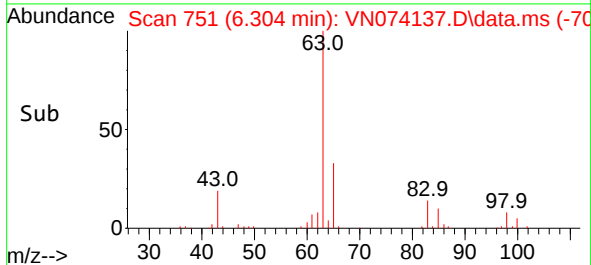
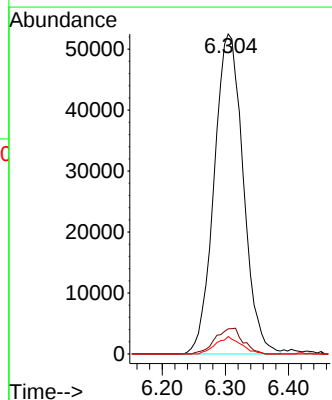
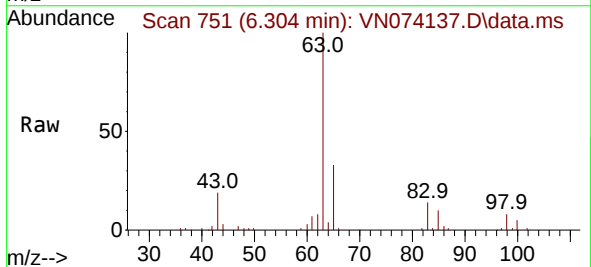
Manual Integrations
 APPROVED

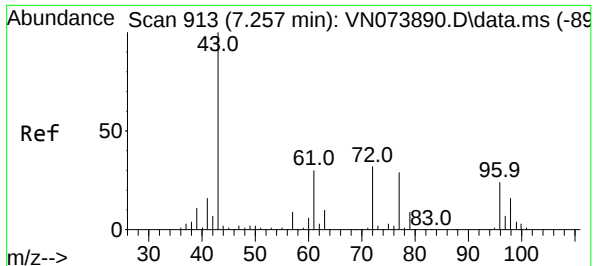
Reviewed By :John Carlone 09/07/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#24
 1,1-Dichloroethane
 Concen: 23.658 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN074137.D
 Acq: 26 Aug 2022 15:43

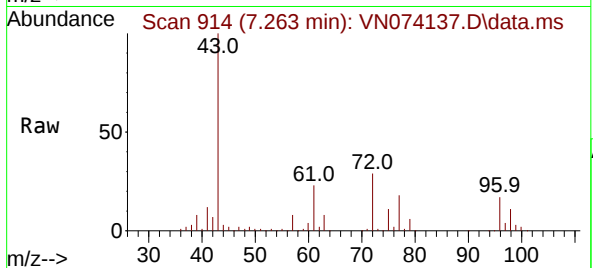
Tgt Ion: 63 Resp: 167919
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 5.4 2.3 6.8





#25
2-Butanone
Concen: 136.305 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

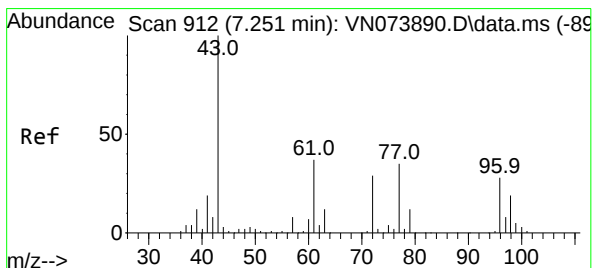
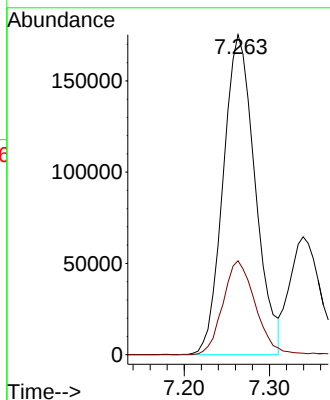
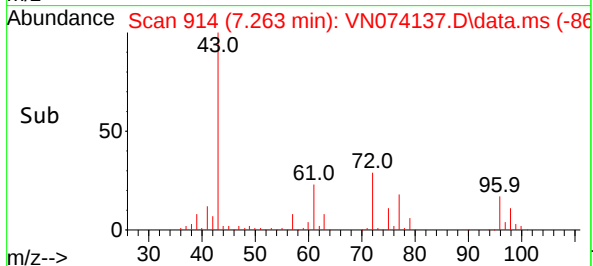
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 43 Resp: 456940
Ion Ratio Lower Upper
43 100
72 29.3 23.7 35.5

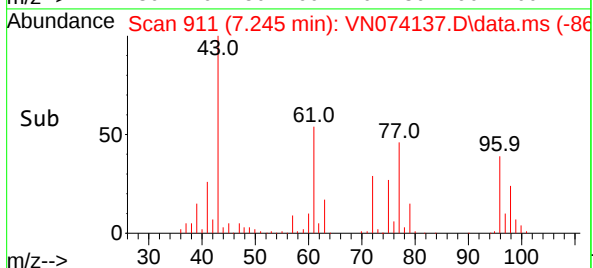
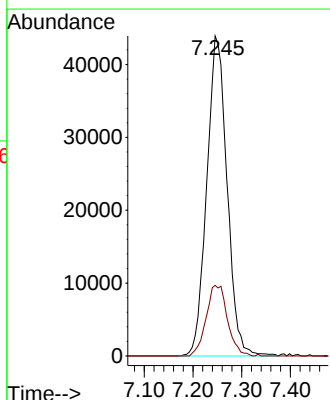
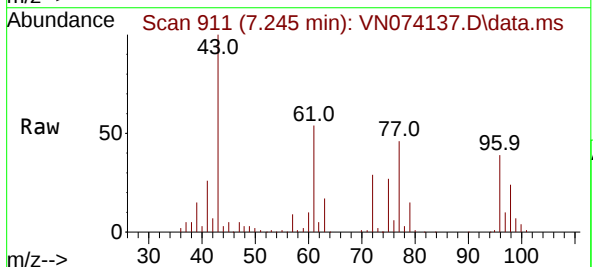
Manual Integrations
APPROVED

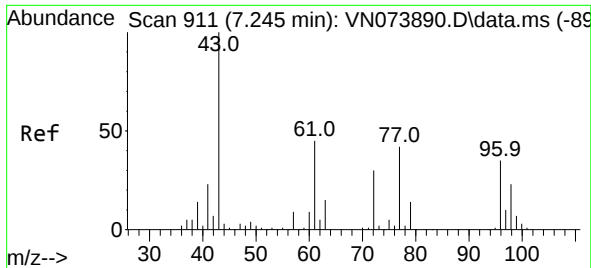
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#26
2,2-Dichloropropane
Concen: 19.052 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

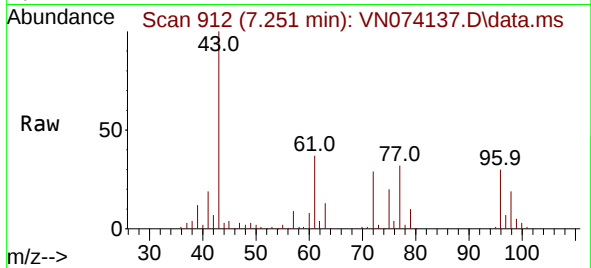
Tgt Ion: 77 Resp: 127046
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 21.800 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074137.D
 Acq: 26 Aug 2022 15:43

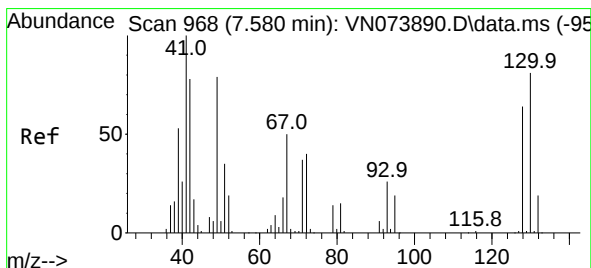
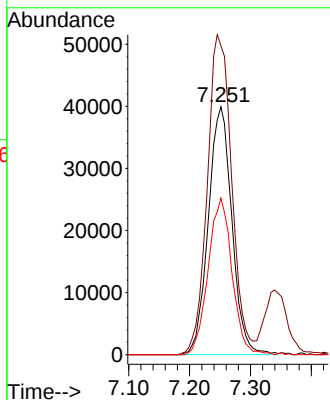
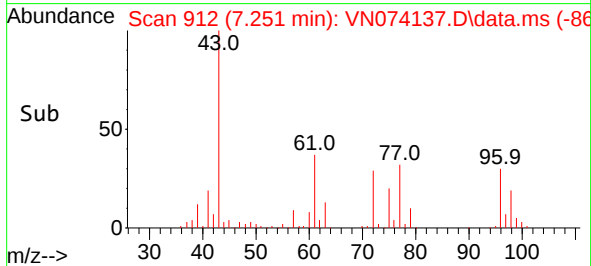
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02



Tgt Ion: 96 Resp: 107609
 Ion Ratio Lower Upper
 96 100
 61 133.3 0.0 280.6
 98 63.6 0.0 128.4

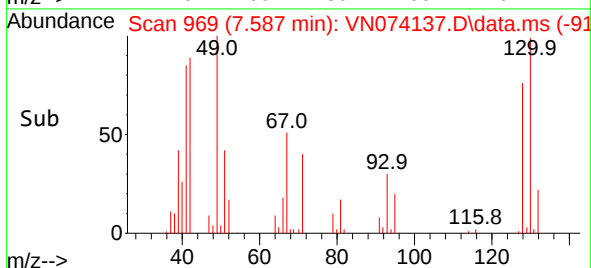
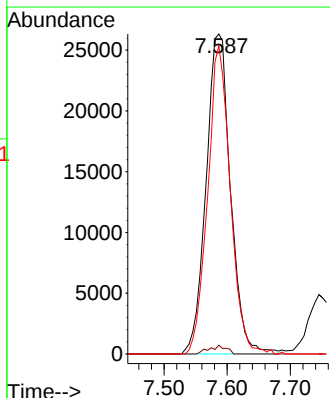
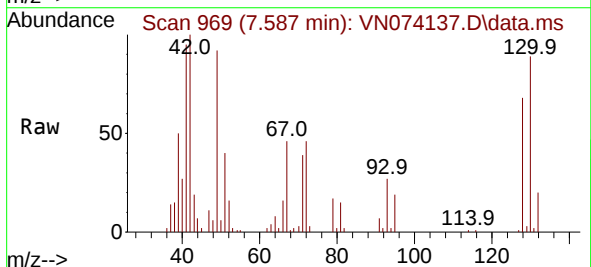
Manual Integrations
 APPROVED

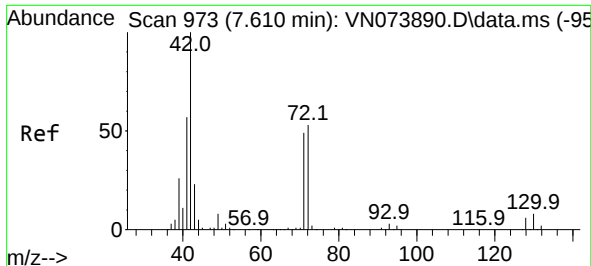
Reviewed By :John Carlone 09/07/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#28
 Bromochloromethane
 Concen: 27.046 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.001 min
 Lab File: VN074137.D
 Acq: 26 Aug 2022 15:43

Tgt Ion: 49 Resp: 70800
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 89.0 69.7 104.5





#29

Tetrahydrofuran

Concen: 137.832 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074137.D

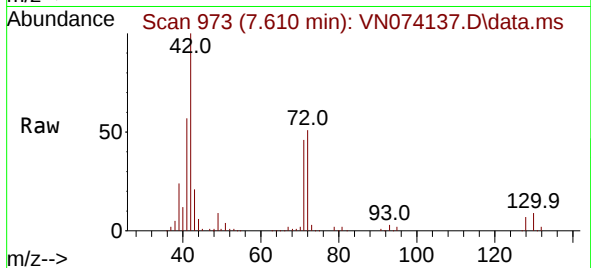
Acq: 26 Aug 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02



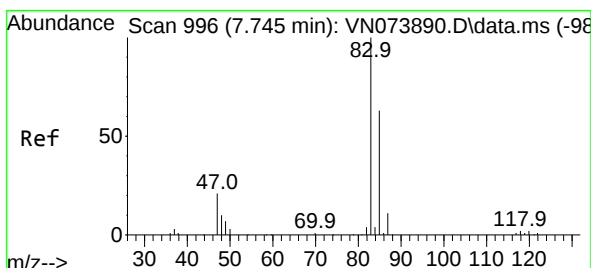
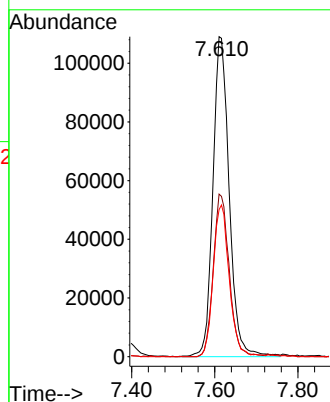
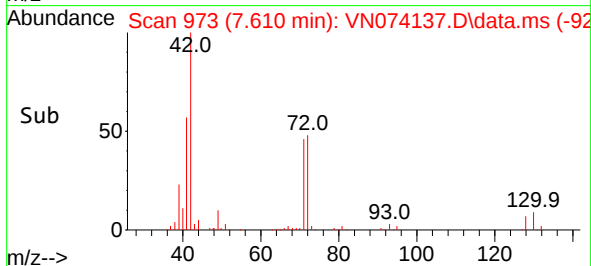
Tgt Ion:	42	Resp:	29640
Ion Ratio	100	Lower	Upper
42	100		
72	49.8	39.7	59.5
71	46.7	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/08/2022



#30

Chloroform

Concen: 23.024 ug/l

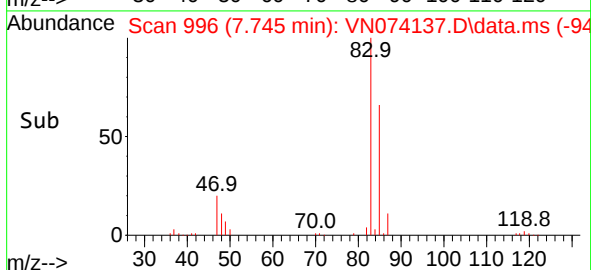
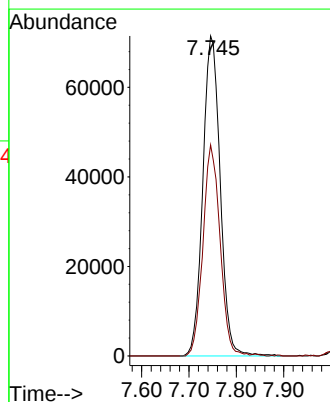
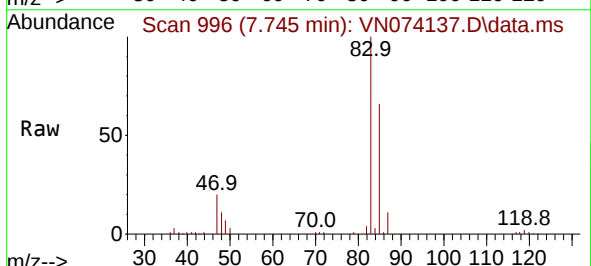
RT: 7.745 min Scan# 996

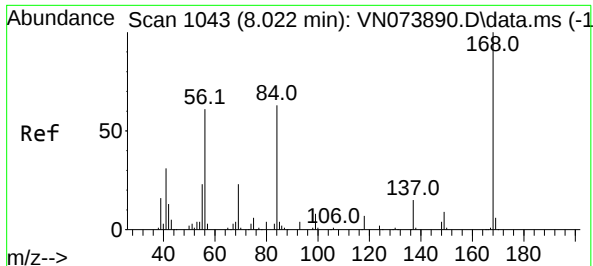
Delta R.T. 0.000 min

Lab File: VN074137.D

Acq: 26 Aug 2022 15:43

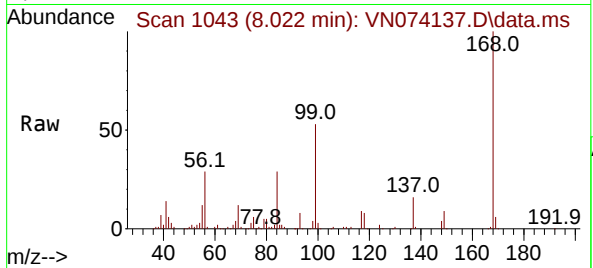
Tgt Ion:	83	Resp:	182732
Ion Ratio	100	Lower	Upper
83	100		
85	65.9	51.8	77.8





#31
Cyclohexane
Concen: 22.847 ug/l
RT: 8.022 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

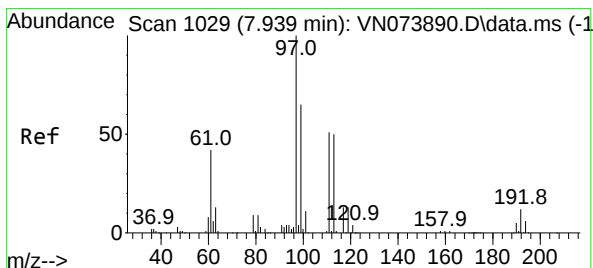
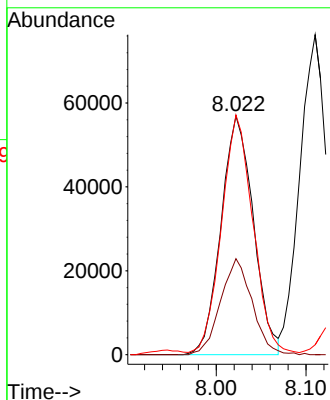
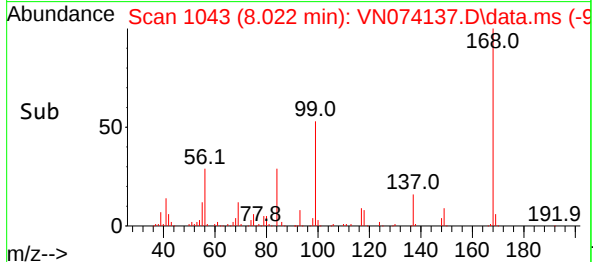
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



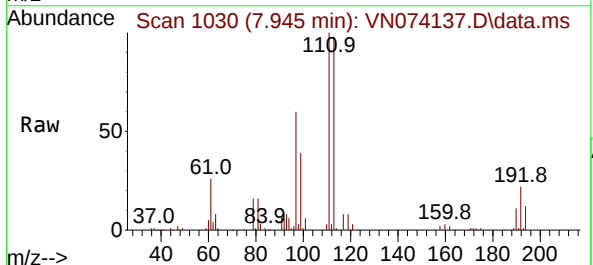
Tgt Ion: 56 Resp: 14272
Ion Ratio Lower Upper
56 100
69 39.9 27.8 41.8
84 98.9 76.9 115.3

Manual Integrations
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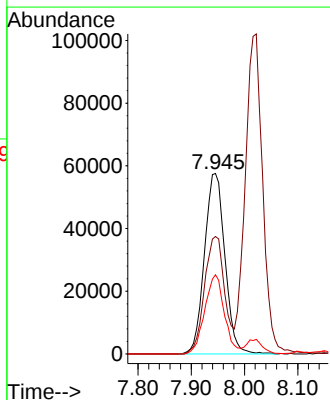
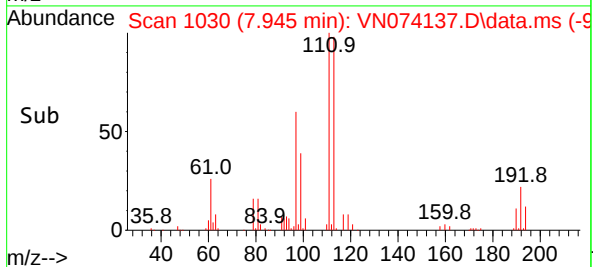
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022

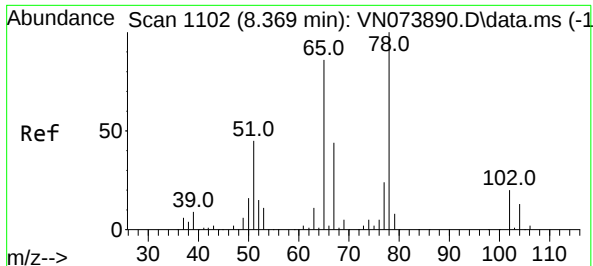


#32
1,1,1-Trichloroethane
Concen: 21.812 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43



Tgt Ion: 97 Resp: 153520
Ion Ratio Lower Upper
97 100
99 64.7 50.6 76.0
61 42.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 62.383 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074137.D

Acq: 26 Aug 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

Tgt Ion: 65 Resp: 279564

Ion Ratio Lower Upper

65 100

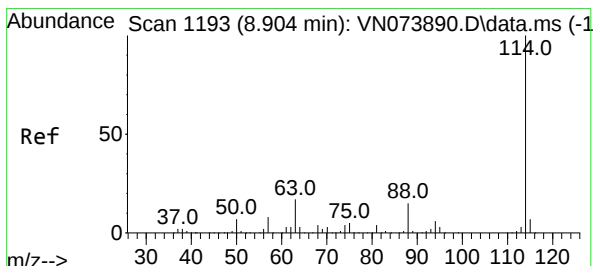
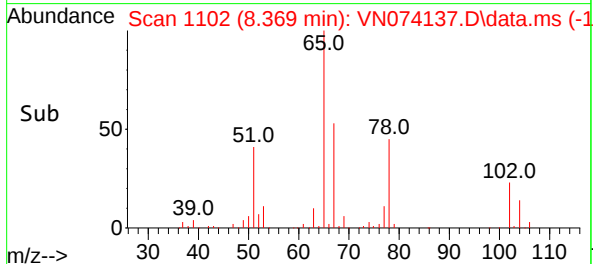
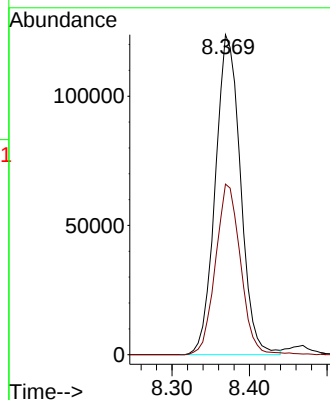
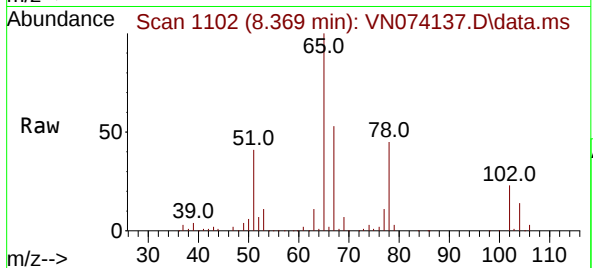
67 53.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074137.D

Acq: 26 Aug 2022 15:43

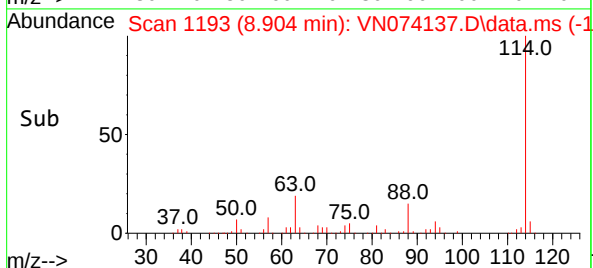
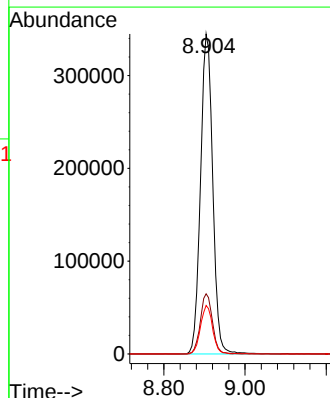
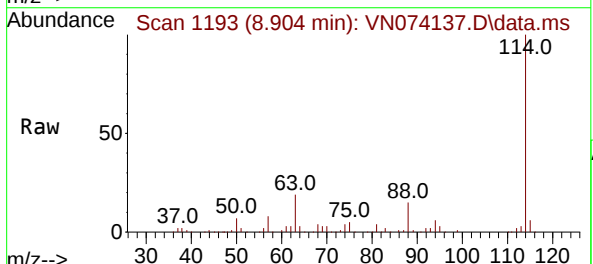
Tgt Ion:114 Resp: 721884

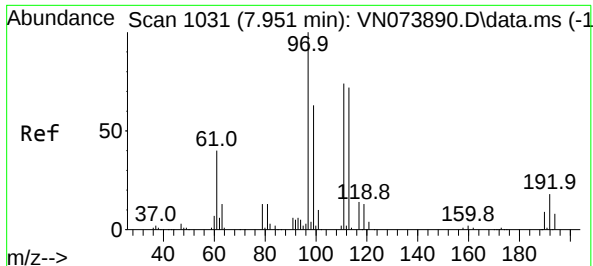
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 58.750 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074137.D

Acq: 26 Aug 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

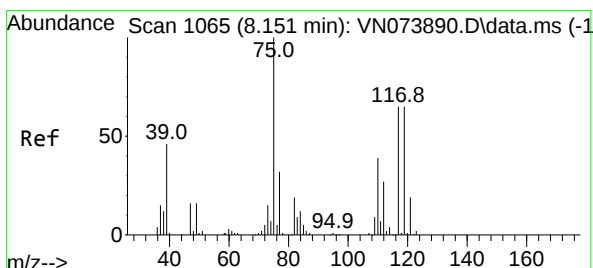
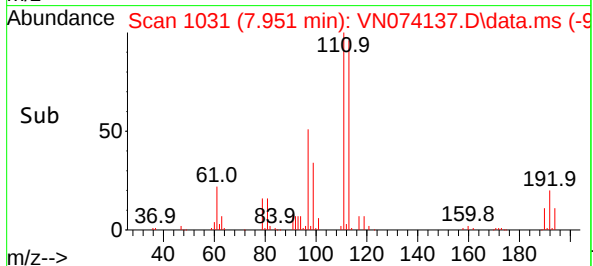
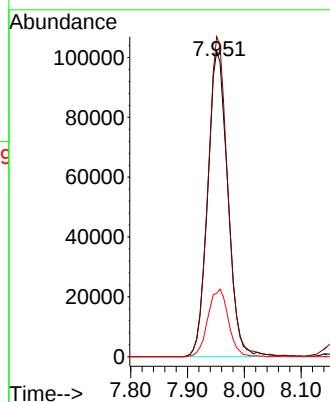
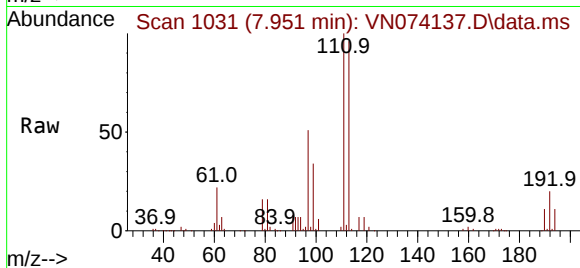
Tgt Ion:	113	Resp:	25081
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	22.6	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/08/2022



#36

1,1-Dichloropropene

Concen: 20.217 ug/l

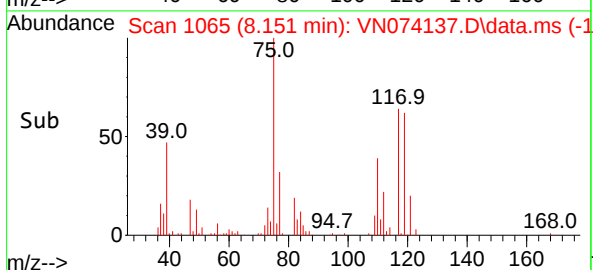
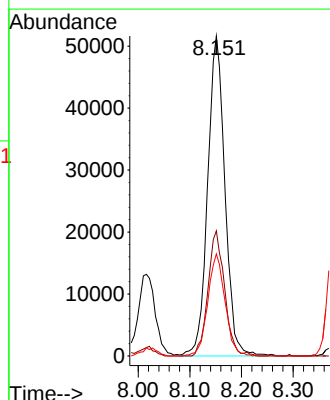
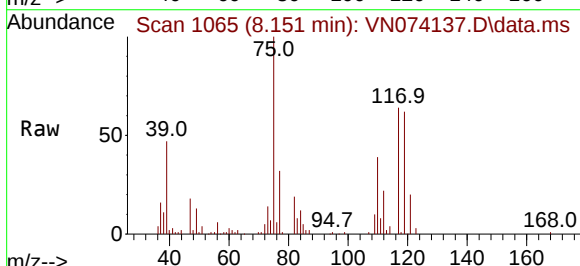
RT: 8.151 min Scan# 1065

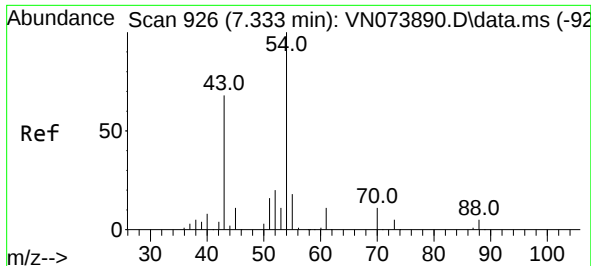
Delta R.T. 0.000 min

Lab File: VN074137.D

Acq: 26 Aug 2022 15:43

Tgt Ion:	75	Resp:	119882
Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.3	54.8
77	31.8	25.1	37.7





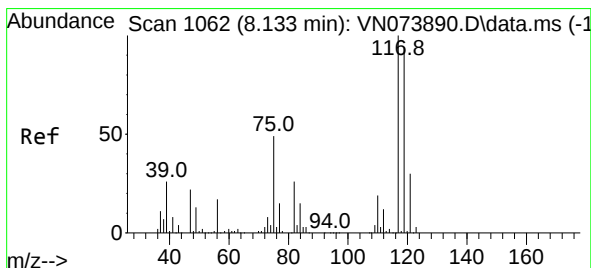
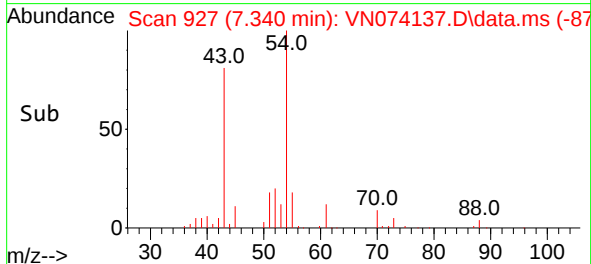
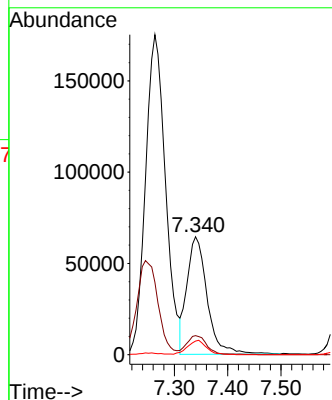
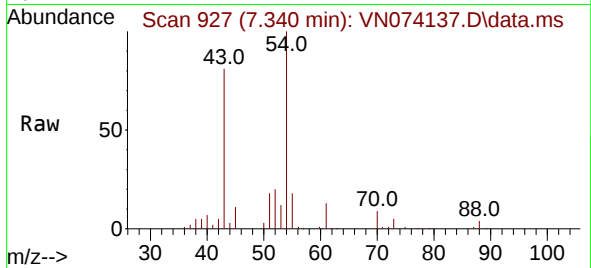
#37
Ethyl Acetate
Concen: 23.614 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion: 43 Resp: 169634
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.6
70 11.5 9.3 13.9

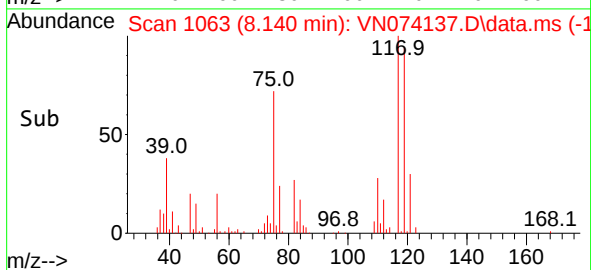
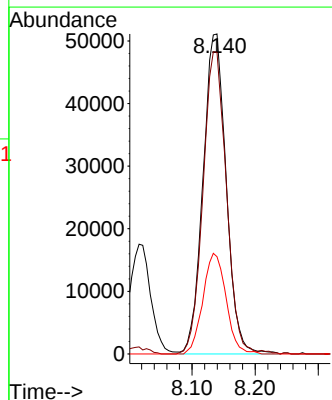
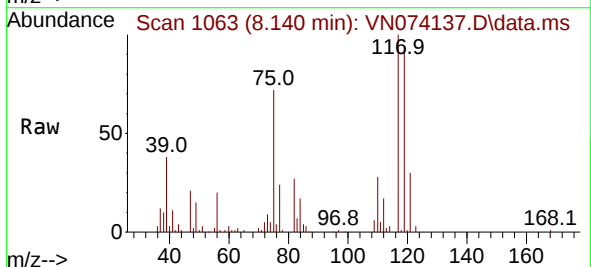
Manual Integrations
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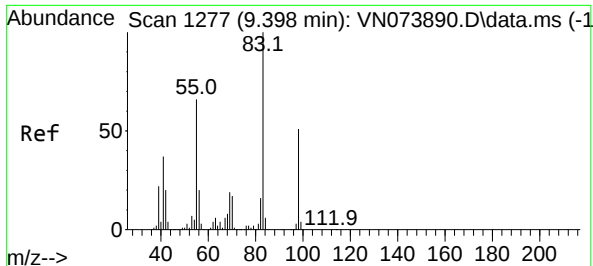
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#38
Carbon Tetrachloride
Concen: 19.237 ug/l
RT: 8.140 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

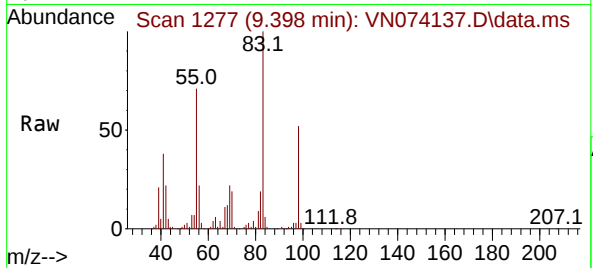
Tgt Ion:117 Resp: 130386
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.8
121 30.4 24.6 37.0





#39
Methylcyclohexane
Concen: 19.058 ug/l
RT: 9.398 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

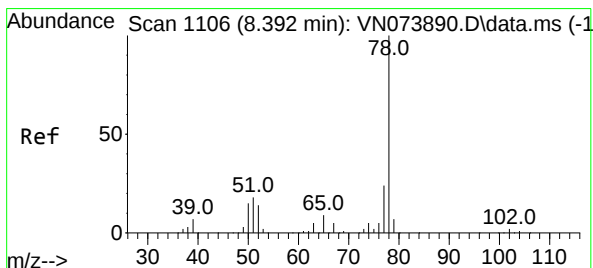
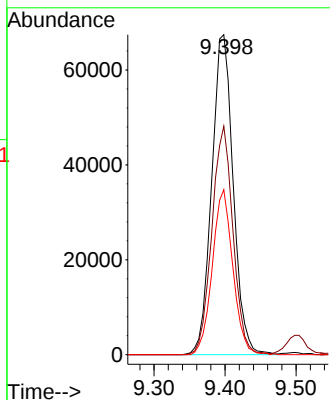
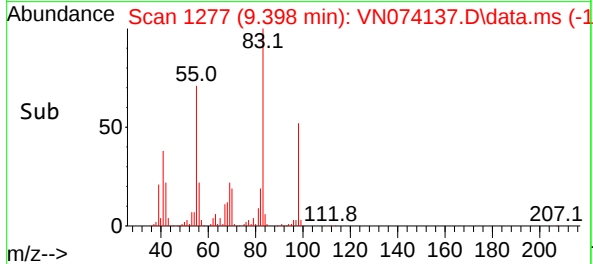
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 83 Resp: 141598
Ion Ratio Lower Upper
83 100
55 71.4 57.8 86.8
98 51.6 39.4 59.2

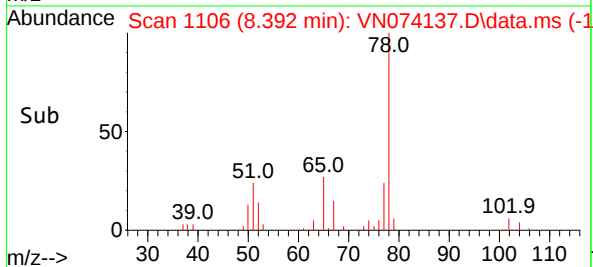
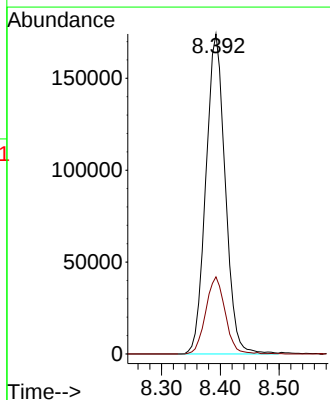
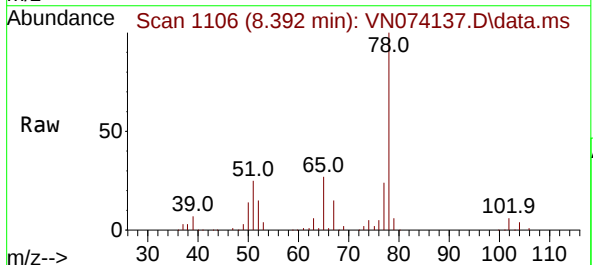
Manual Integrations
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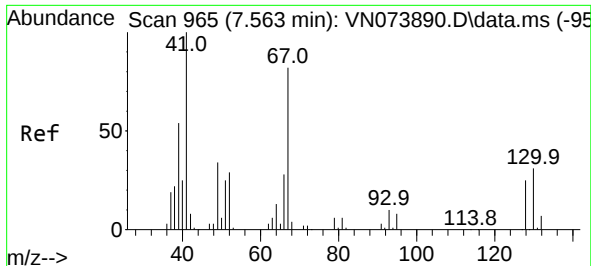
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#40
Benzene
Concen: 21.265 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

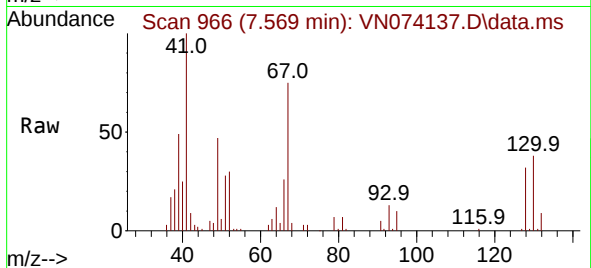
Tgt Ion: 78 Resp: 397986
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0





#41
Methacrylonitrile
Concen: 26.047 ug/l
RT: 7.569 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

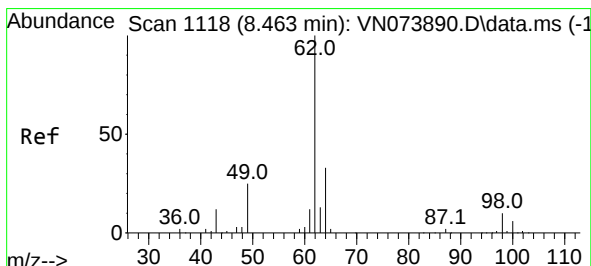
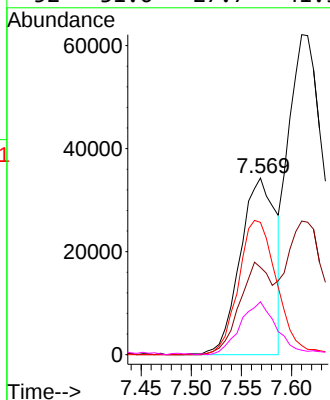
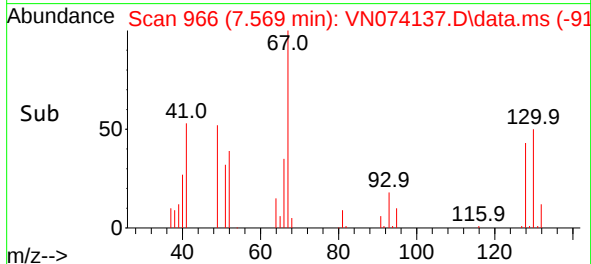
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



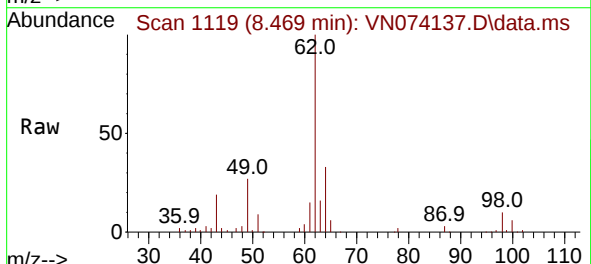
Tgt Ion: 41 Resp: 8456
Ion Ratio Lower Upper
41 100
39 45.5 48.6 73.0
67 82.9 73.4 110.2
52 31.6 27.7 41.5

Manual Integrations
APPROVED

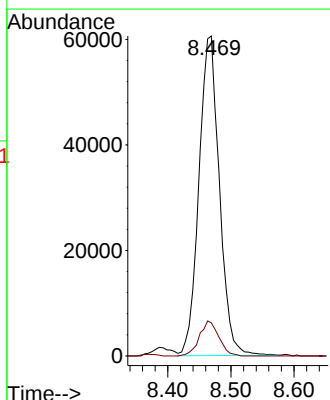
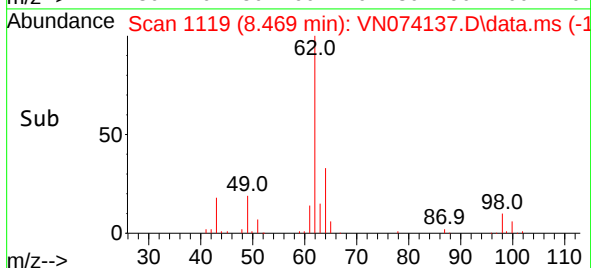
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022

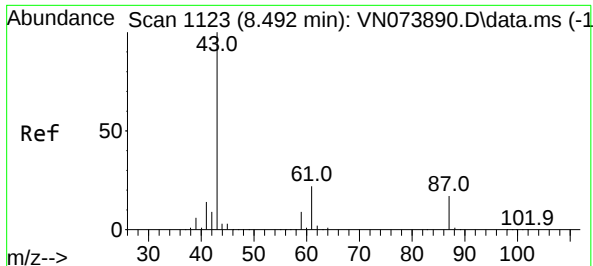


#42
1,2-Dichloroethane
Concen: 21.188 ug/l
RT: 8.469 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43



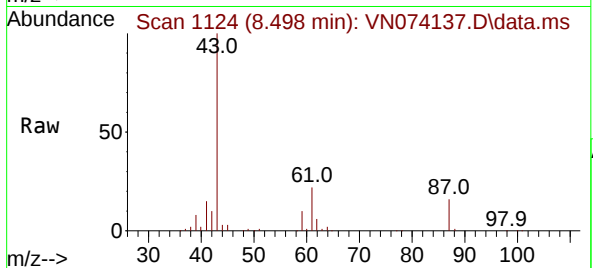
Tgt Ion: 62 Resp: 136348
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 21.763 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

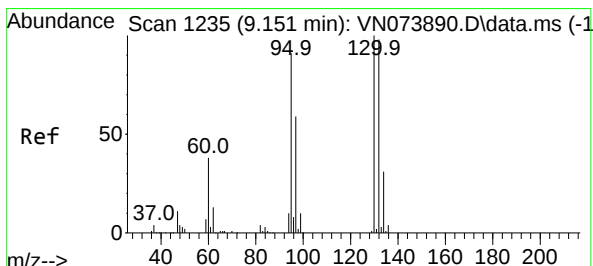
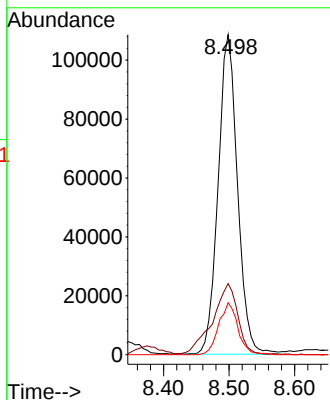
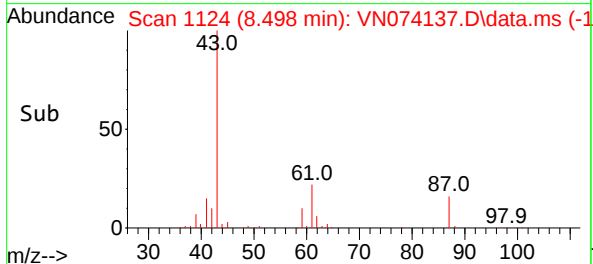
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 43 Resp: 222720
Ion Ratio Lower Upper
43 100
61 28.6 21.9 32.9
87 16.1 12.0 18.0

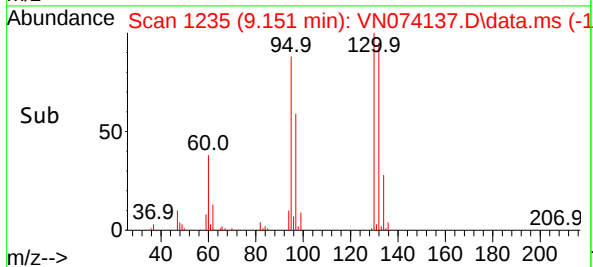
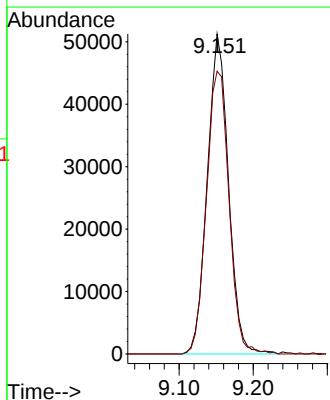
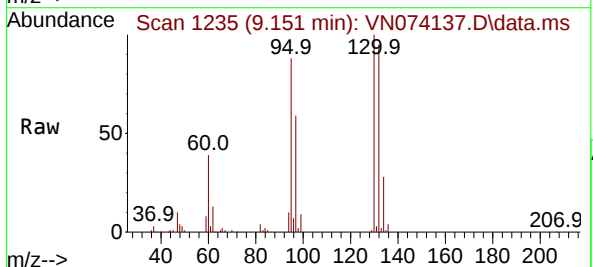
Manual Integrations
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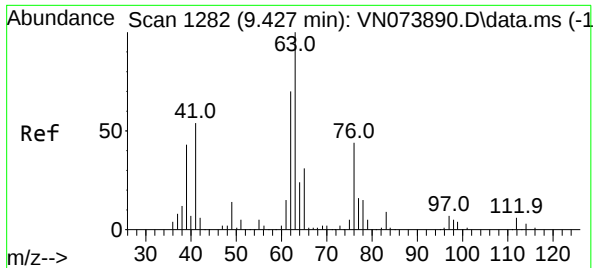
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#44
Trichloroethene
Concen: 18.838 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Tgt Ion:130 Resp: 101828
Ion Ratio Lower Upper
130 100
95 88.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 22.735 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074137.D

Acq: 26 Aug 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

Tgt Ion: 63 Resp: 10198

Ion Ratio Lower Upper

63 100

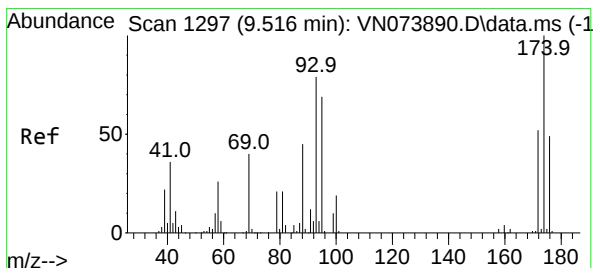
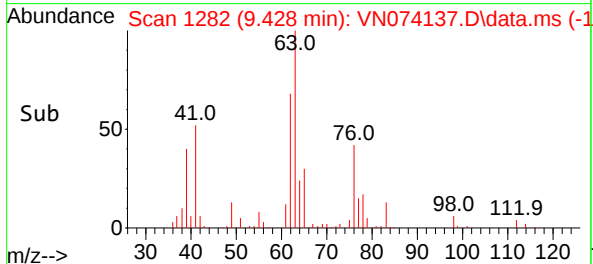
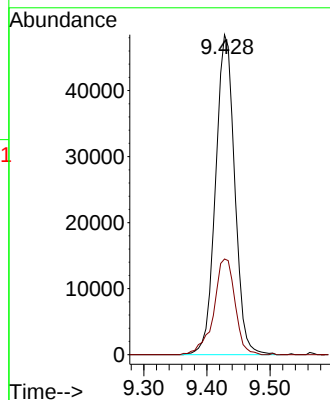
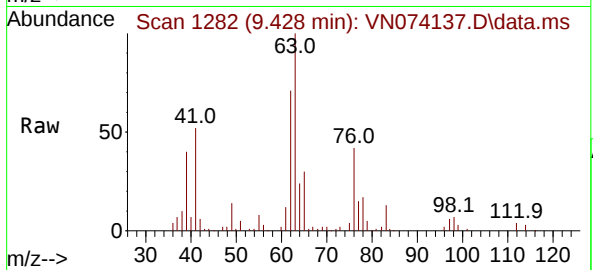
65 29.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/08/2022



#46

Dibromomethane

Concen: 20.922 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN074137.D

Acq: 26 Aug 2022 15:43

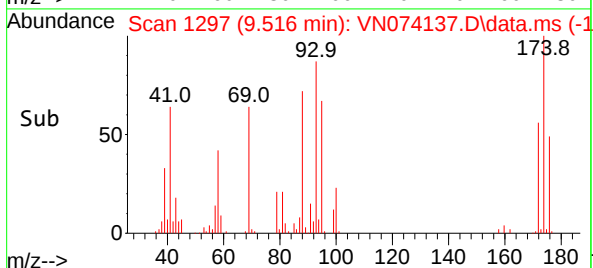
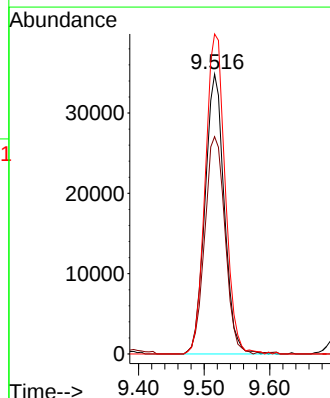
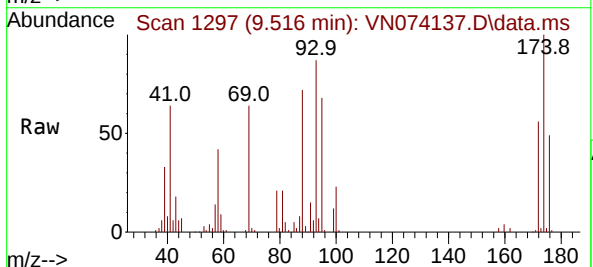
Tgt Ion: 93 Resp: 71352

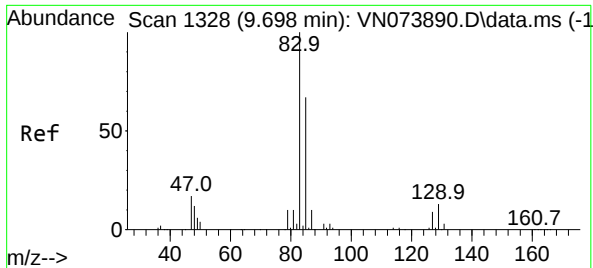
Ion Ratio Lower Upper

93 100

95 81.7 66.9 100.3

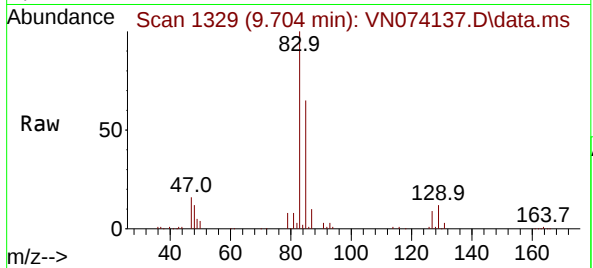
174 117.6 86.6 130.0





#47
Bromodichloromethane
Concen: 21.346 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

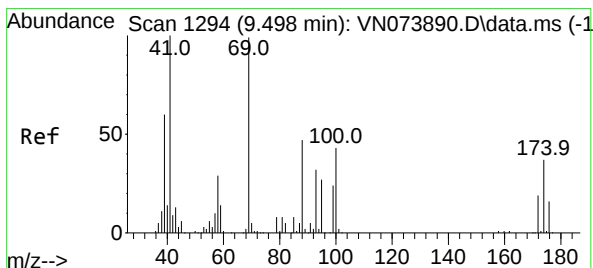
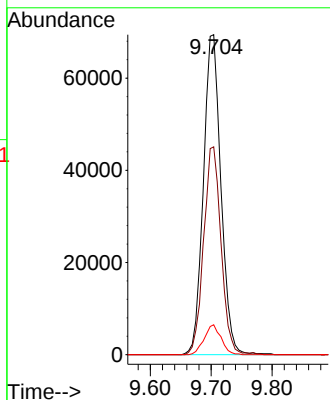
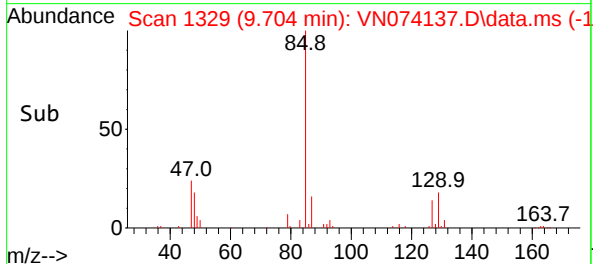
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 83 Resp: 13914
Ion Ratio Lower Upper
83 100
85 64.9 50.5 75.7
127 9.3 6.8 10.2

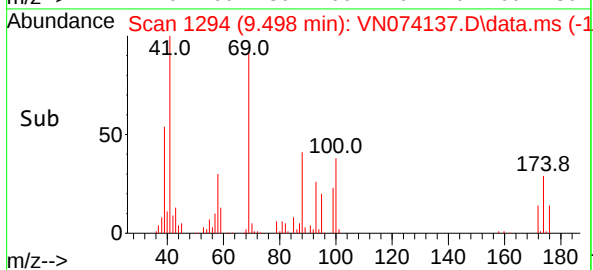
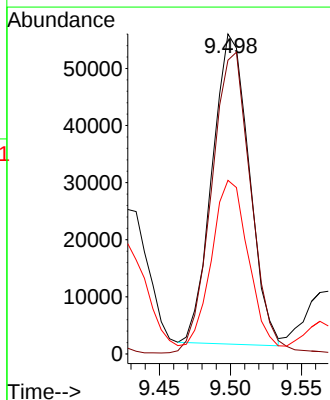
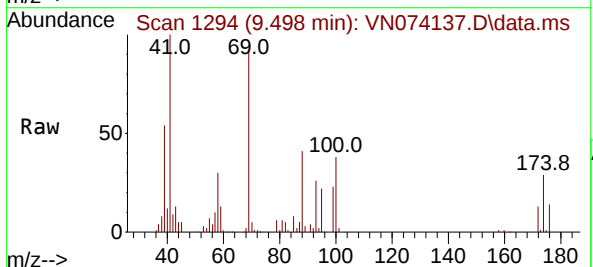
Manual Integrations
APPROVED

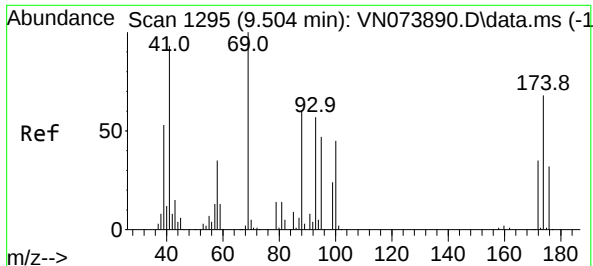
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#48
Methyl methacrylate
Concen: 22.396 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Tgt Ion: 41 Resp: 98072
Ion Ratio Lower Upper
41 100
69 104.5 74.7 112.1
39 57.9 45.6 68.4





#49

1,4-Dioxane

Concen: 505.927 ug/l

RT: 9.510 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VN074137.D

Acq: 26 Aug 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

Tgt Ion: 88 Resp: 6588

Ion Ratio Lower Upper

88 100

43 25.4 20.2 30.4

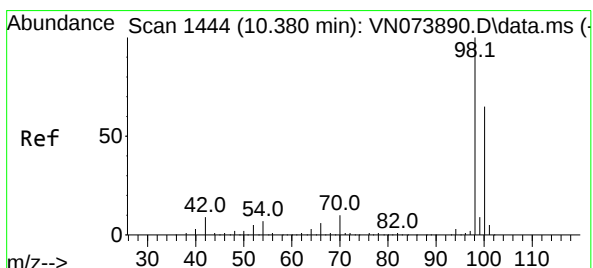
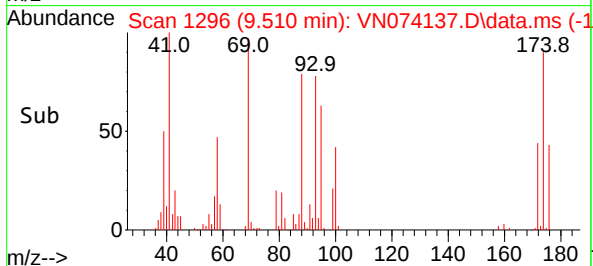
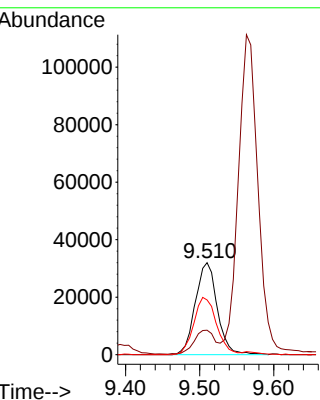
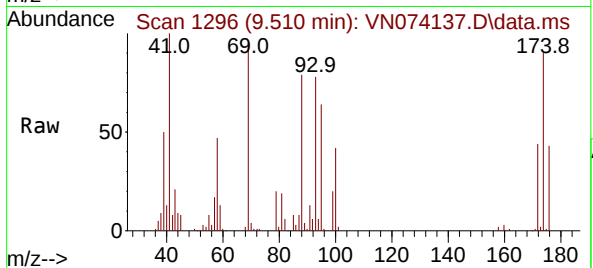
58 64.7 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/08/2022



#50

Toluene-d8

Concen: 53.106 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.001 min

Lab File: VN074137.D

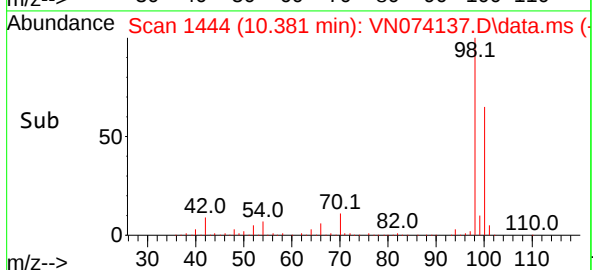
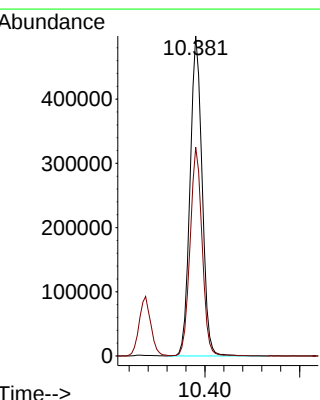
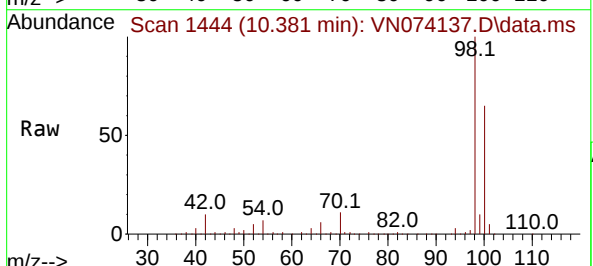
Acq: 26 Aug 2022 15:43

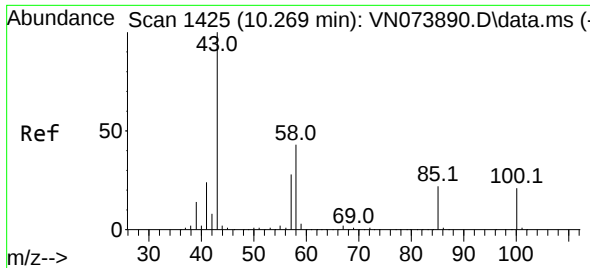
Tgt Ion: 98 Resp: 878061

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8





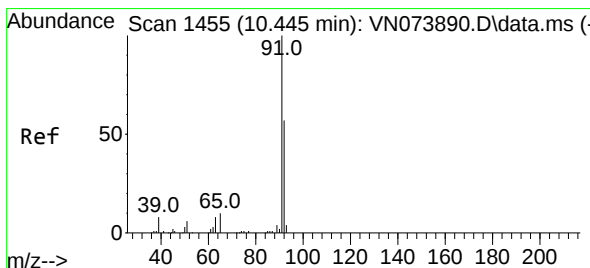
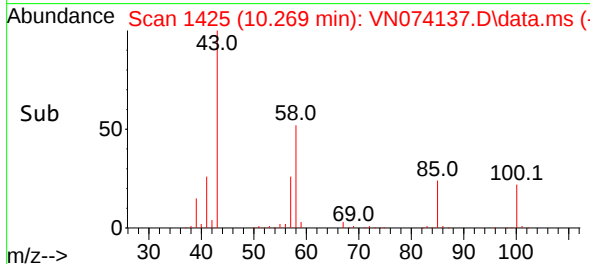
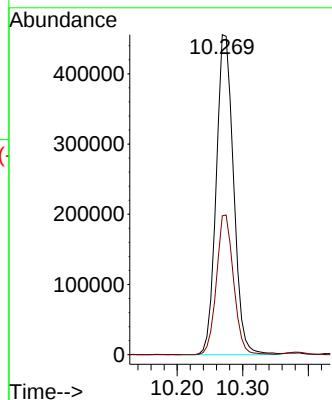
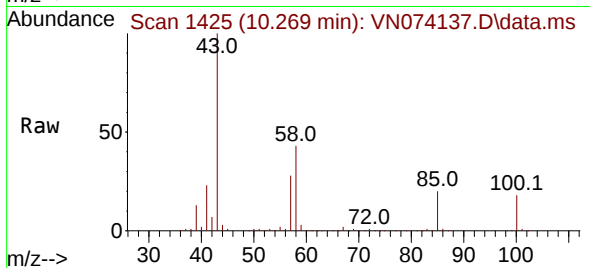
#51
4-Methyl-2-Pentanone
Concen: 120.926 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion: 43 Resp: 836708
Ion Ratio Lower Upper
43 100
58 43.0 34.1 51.1

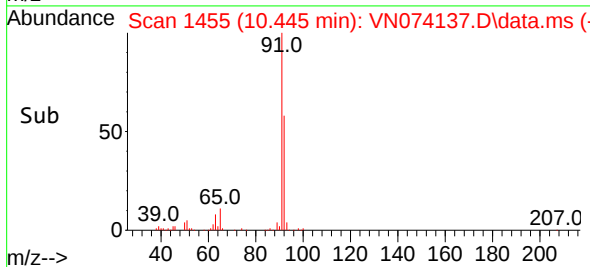
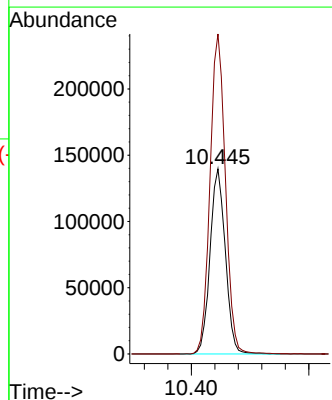
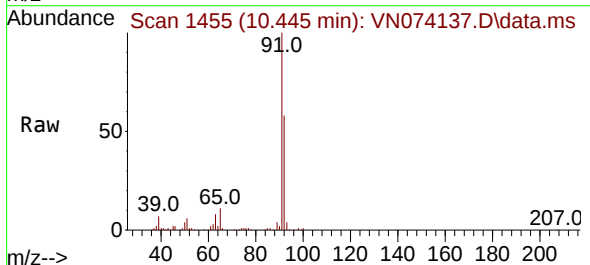
Manual Integrations
APPROVED

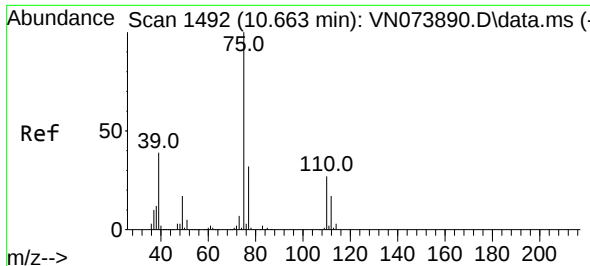
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#52
Toluene
Concen: 19.646 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

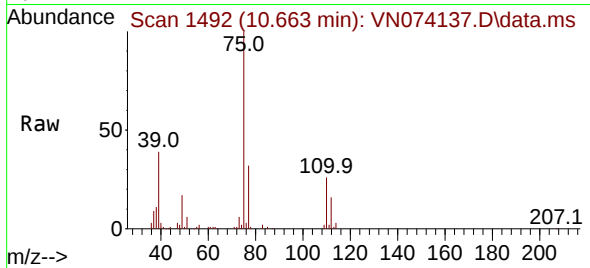
Tgt Ion: 92 Resp: 252126
Ion Ratio Lower Upper
92 100
91 173.9 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 19.425 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

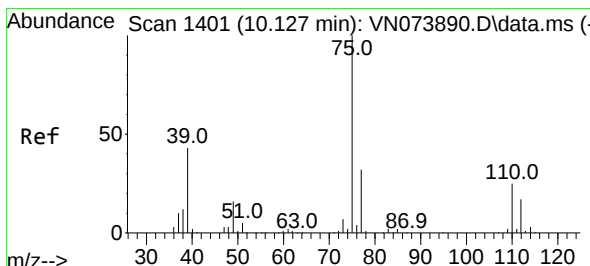
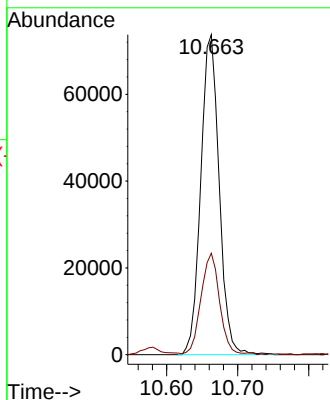
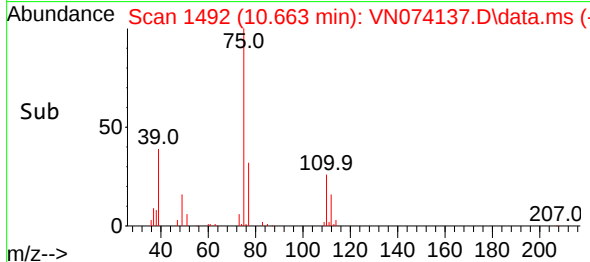
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 75 Resp: 13287
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

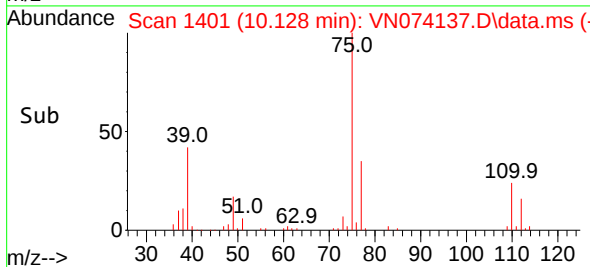
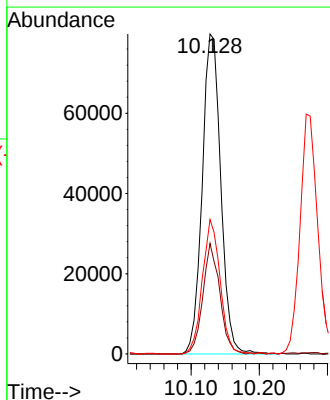
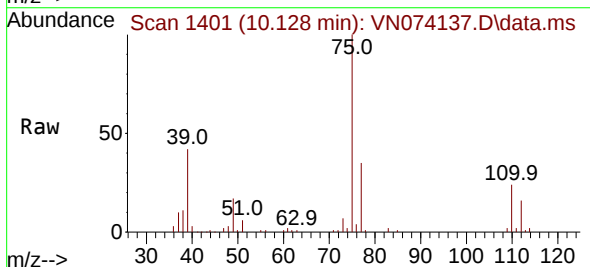
Manual Integrations
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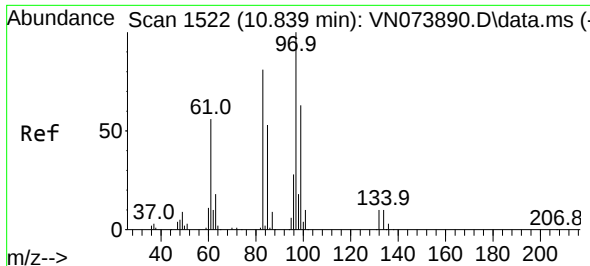
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#54
cis-1,3-Dichloropropene
Concen: 20.224 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.001 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

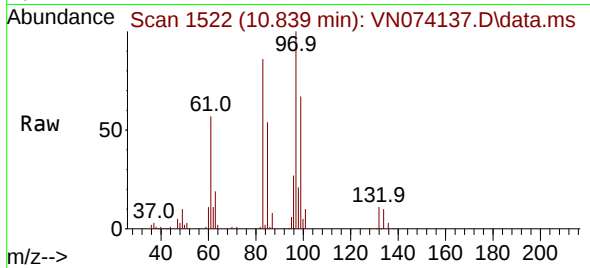
Tgt Ion: 75 Resp: 151359
Ion Ratio Lower Upper
75 100
77 34.5 25.2 37.8
39 42.0 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 21.372 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

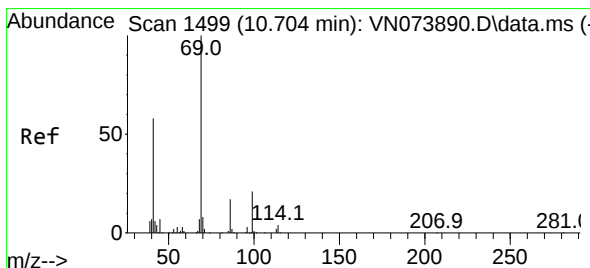
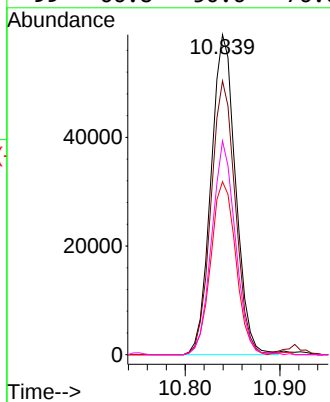
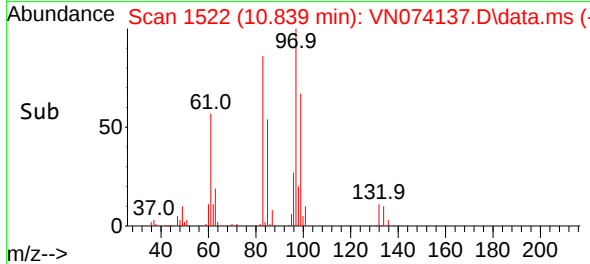
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	66.2	99.4
85	54.1	43.9	65.9
99	66.8	50.6	76.0

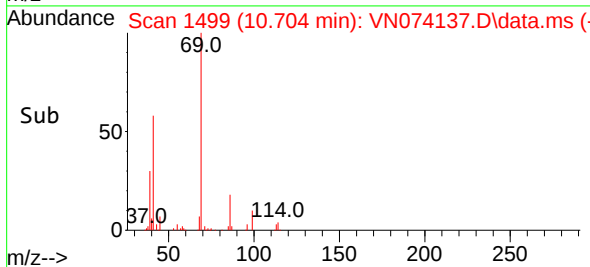
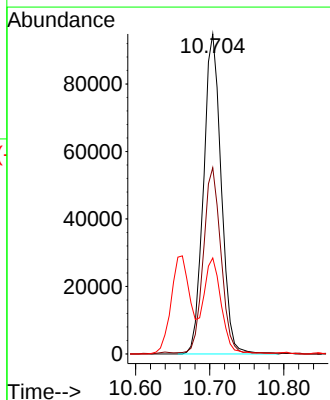
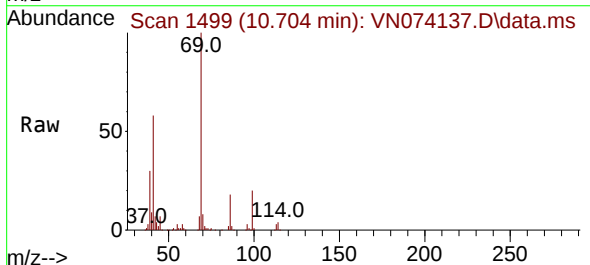
Manual Integrations
APPROVED

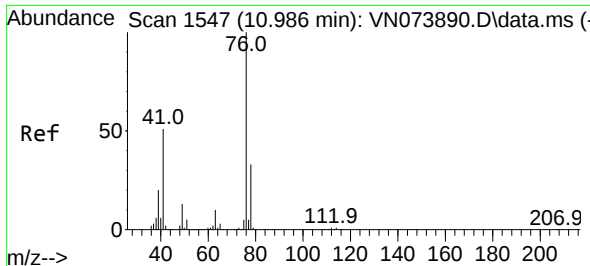
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#56
Ethyl methacrylate
Concen: 22.068 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

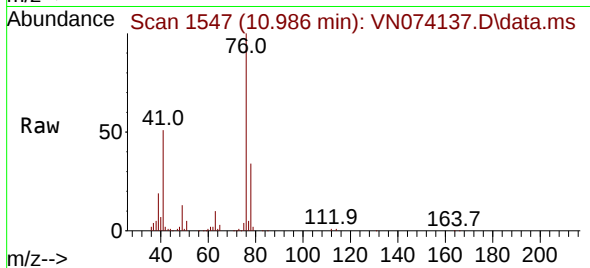
Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.3	47.8	71.6
39	29.9	27.3	40.9





#57
1,3-Dichloropropane
Concen: 21.839 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

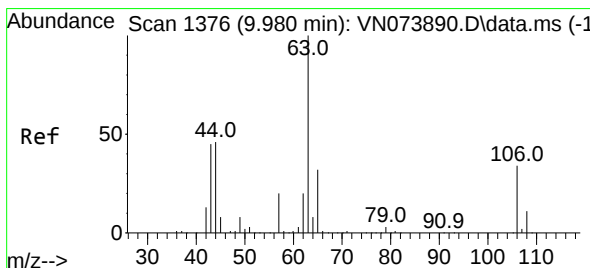
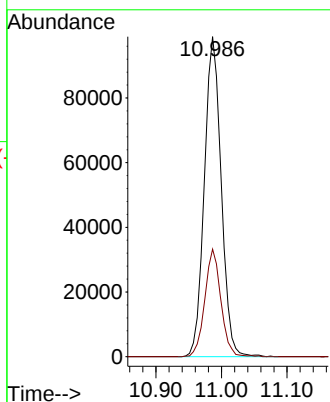
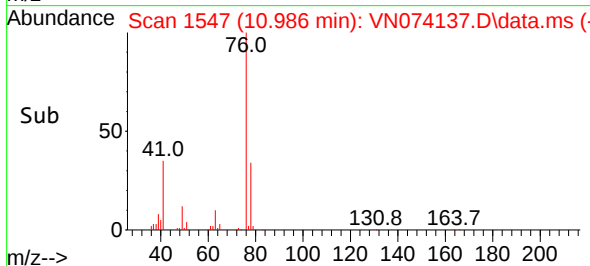
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 76 Resp: 17725
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.2

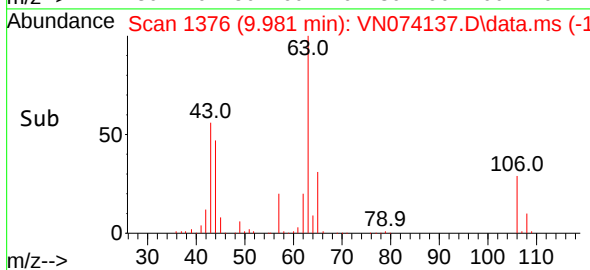
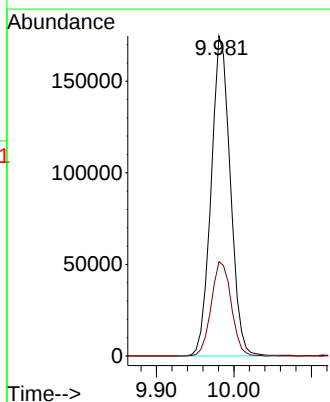
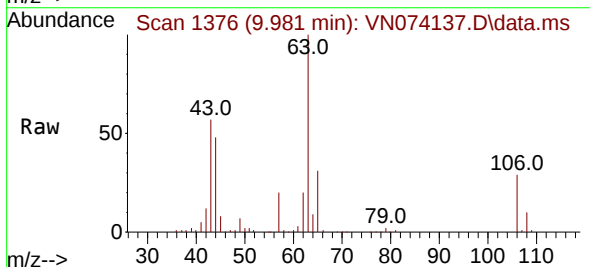
Manual Integrations
APPROVED

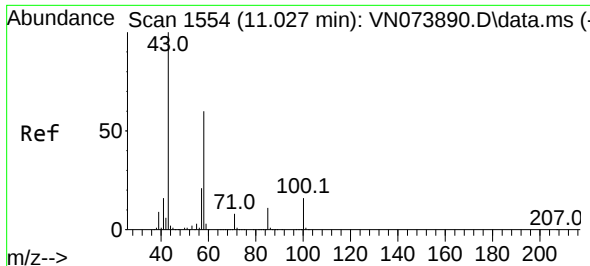
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#58
2-Chloroethyl Vinyl ether
Concen: 88.176 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.001 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

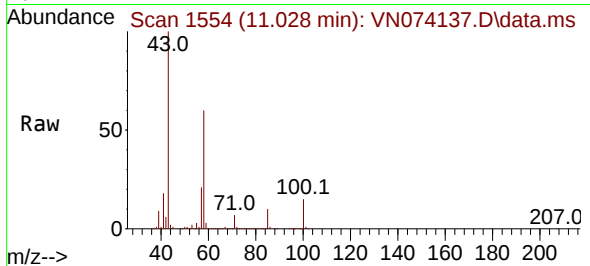
Tgt Ion: 63 Resp: 300454
Ion Ratio Lower Upper
63 100
106 30.6 24.6 36.8





#59
2-Hexanone
Concen: 123.557 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.001 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

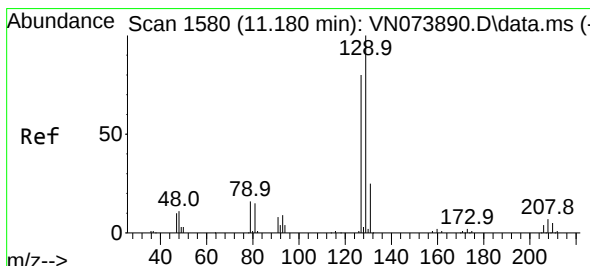
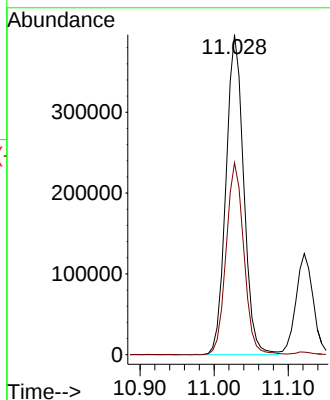
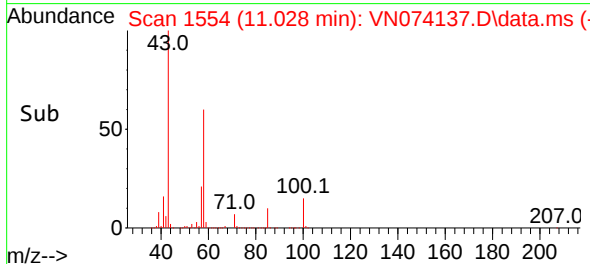
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 43 Resp: 657945
Ion Ratio Lower Upper
43 100
58 59.8 29.7 89.1

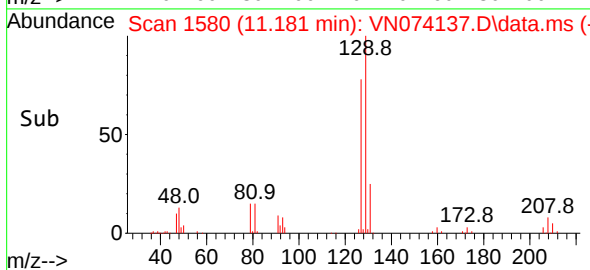
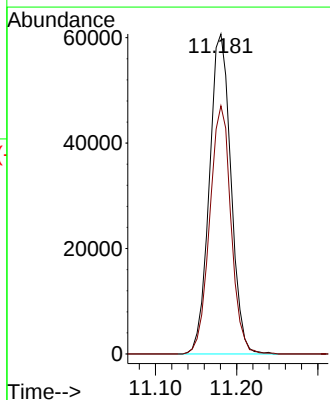
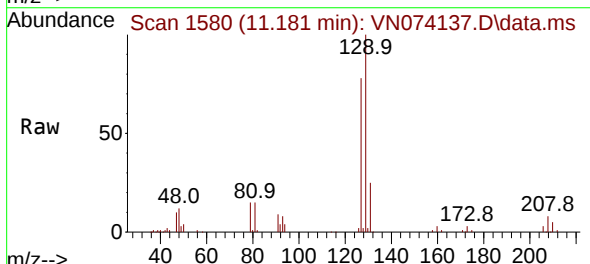
Manual Integrations
APPROVED

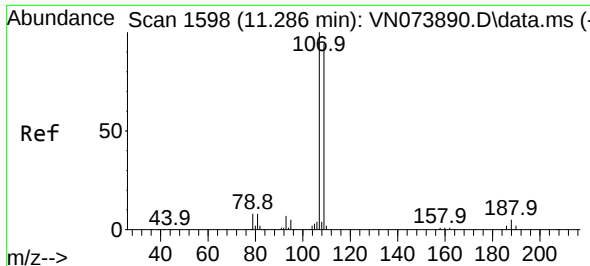
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#60
Dibromochloromethane
Concen: 20.290 ug/l
RT: 11.181 min Scan# 1580
Delta R.T. 0.001 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

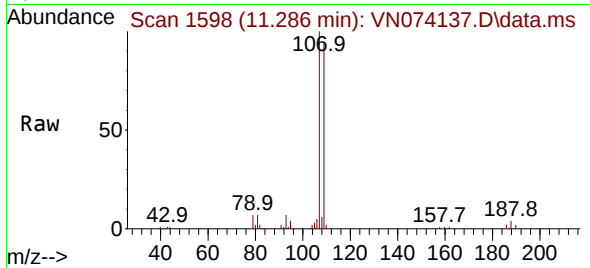
Tgt Ion:129 Resp: 112013
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.090 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

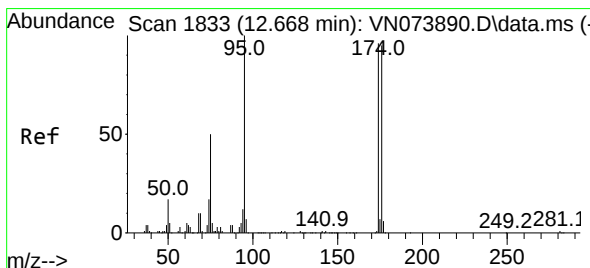
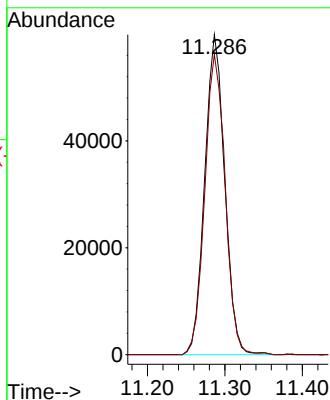
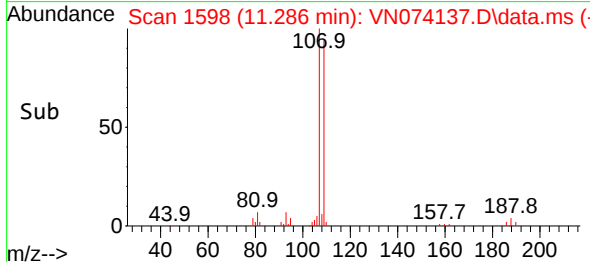
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion:107 Resp: 107270
Ion Ratio Lower Upper
107 100
109 95.8 75.0 112.6

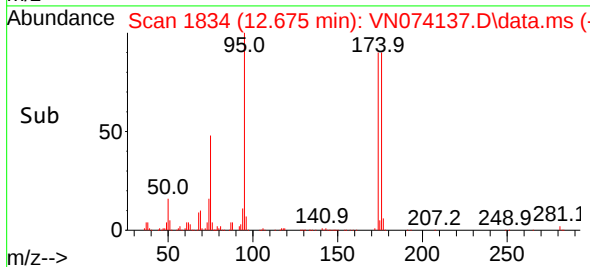
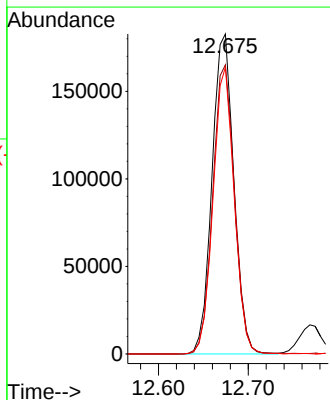
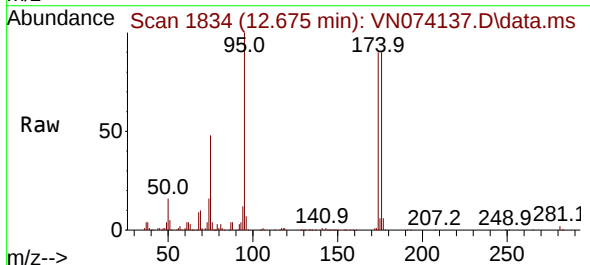
Manual Integrations
APPROVED

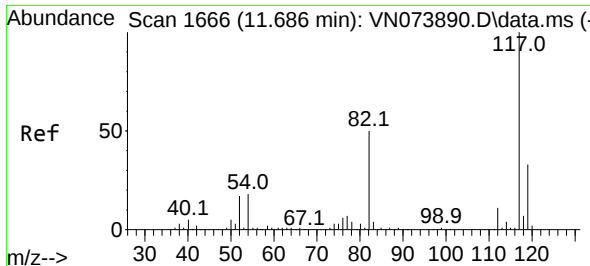
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#62
4-Bromofluorobenzene
Concen: 56.029 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

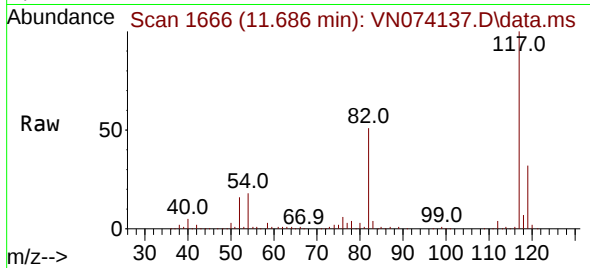
Tgt Ion: 95 Resp: 307452
Ion Ratio Lower Upper
95 100
174 91.0 0.0 167.6
176 87.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

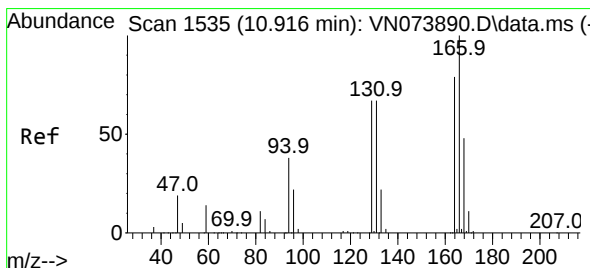
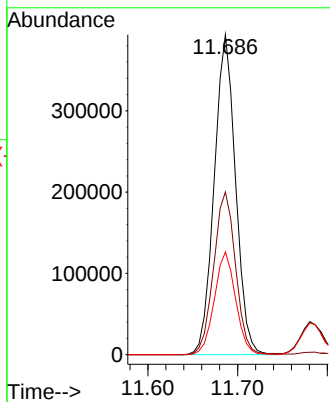
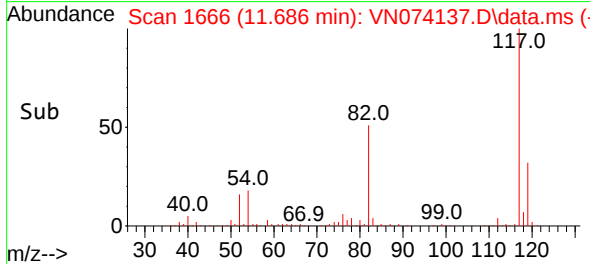
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion:117 Resp: 651359
Ion Ratio Lower Upper
117 100
82 50.8 44.2 66.2
119 32.1 25.4 38.0

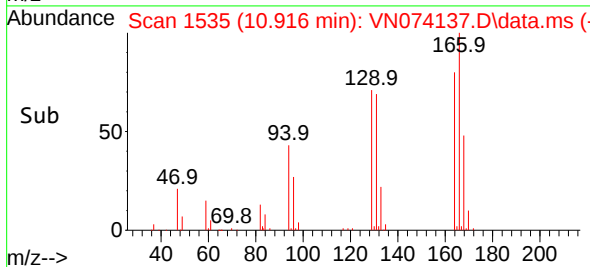
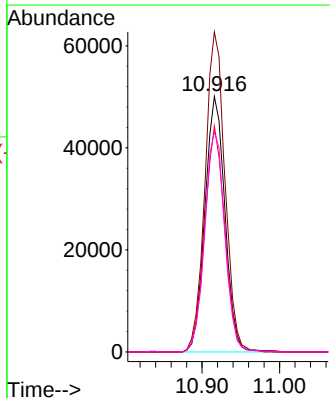
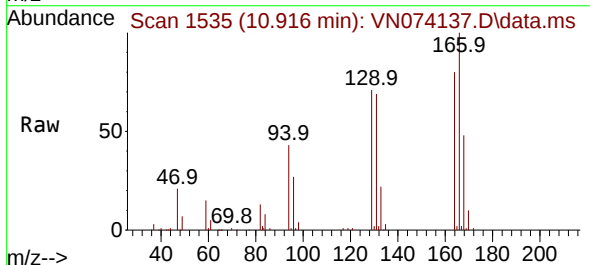
Manual Integrations
APPROVED

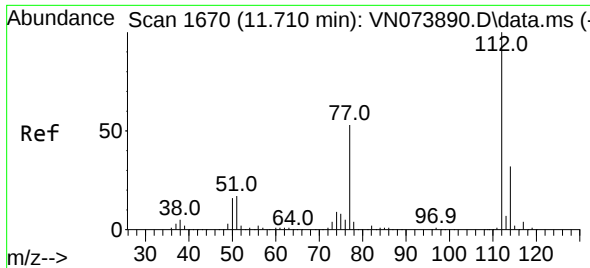
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#64
Tetrachloroethene
Concen: 17.466 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

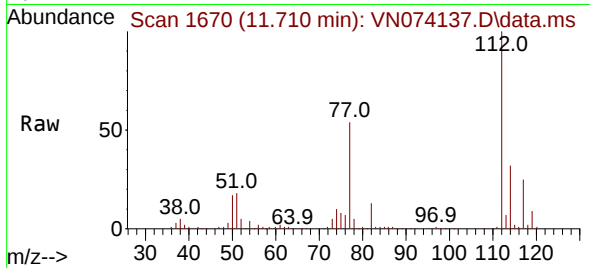
Tgt Ion:164 Resp: 89792
Ion Ratio Lower Upper
164 100
166 125.2 104.2 156.2
129 88.4 73.9 110.9
131 86.2 69.4 104.2





#65
Chlorobenzene
Concen: 19.775 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

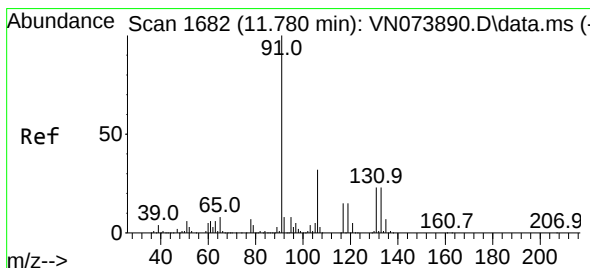
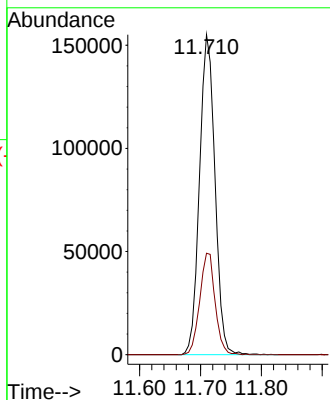
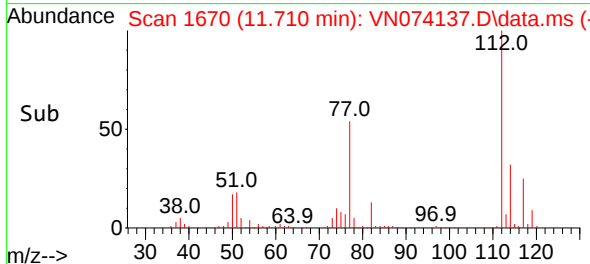
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



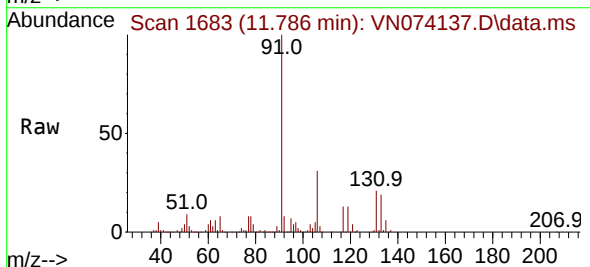
Tgt Ion:112 Resp: 273744
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

Manual Integrations
APPROVED

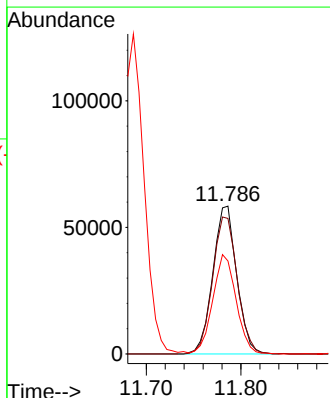
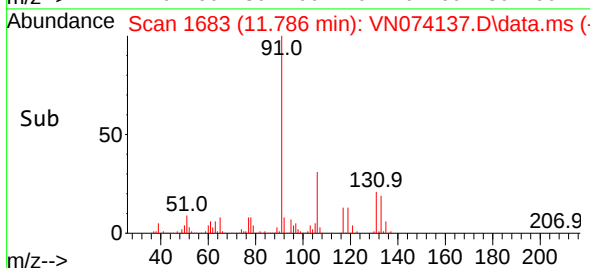
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022

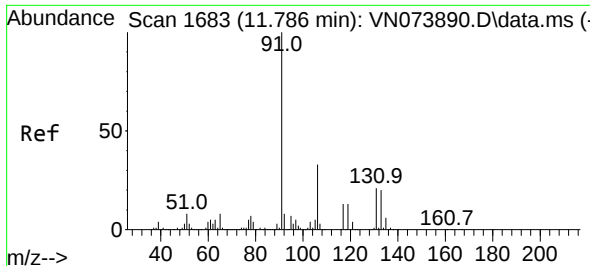


#66
1,1,1,2-Tetrachloroethane
Concen: 19.589 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43



Tgt Ion:131 Resp: 102683
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.4
119 65.7 33.4 100.2





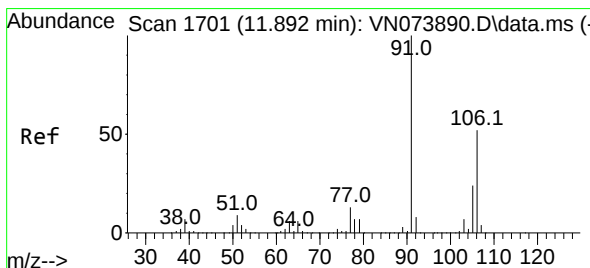
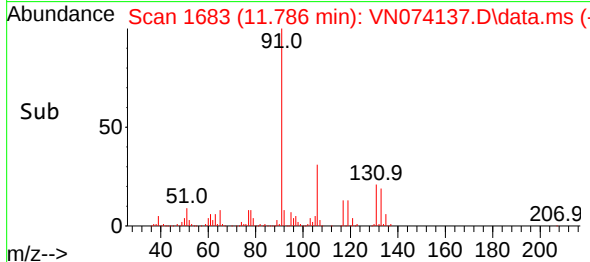
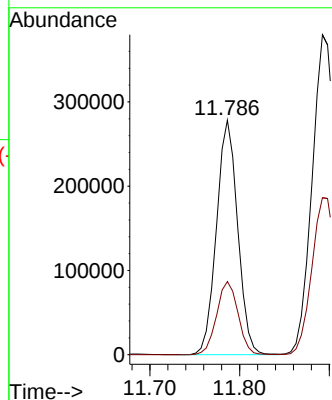
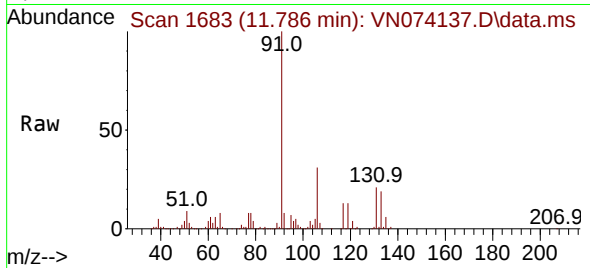
#67
Ethyl Benzene
Concen: 19.825 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion: 91 Resp: 456409
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

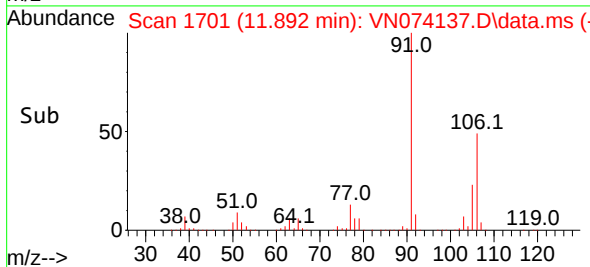
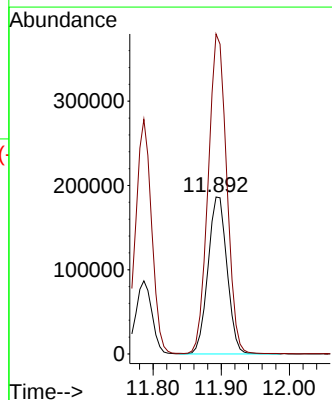
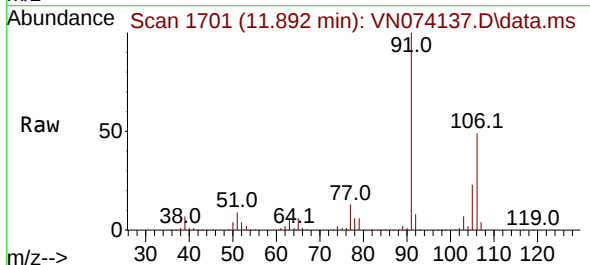
Manual Integrations
APPROVED

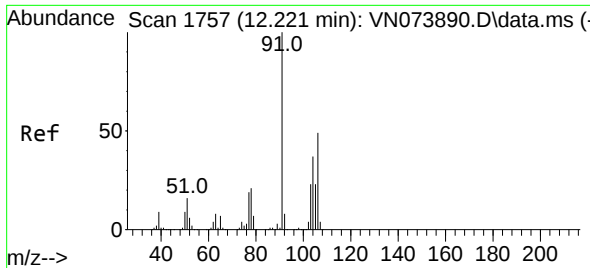
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#68
m/p-Xylenes
Concen: 38.699 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Tgt Ion:106 Resp: 361981
Ion Ratio Lower Upper
106 100
91 198.4 158.9 238.3





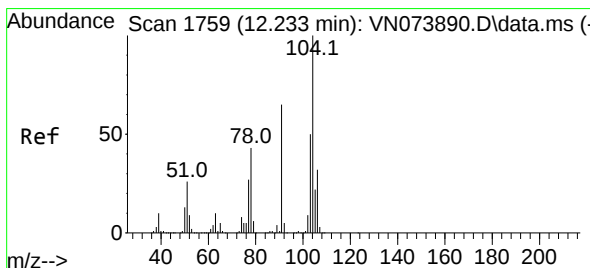
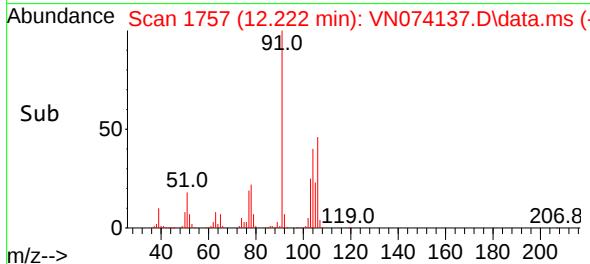
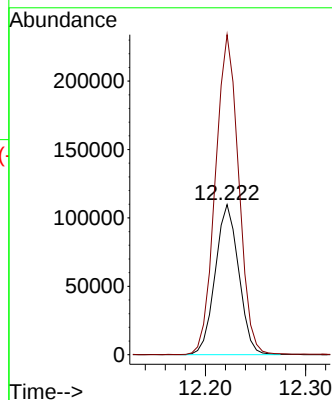
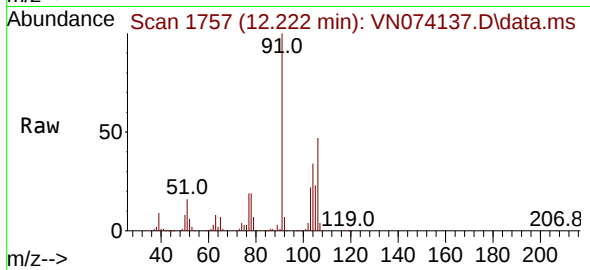
#69
o-Xylene
Concen: 19.035 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion:106 Resp: 178540
Ion Ratio Lower Upper
106 100
91 212.3 106.0 318.0

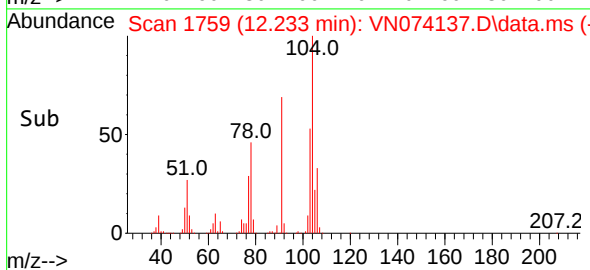
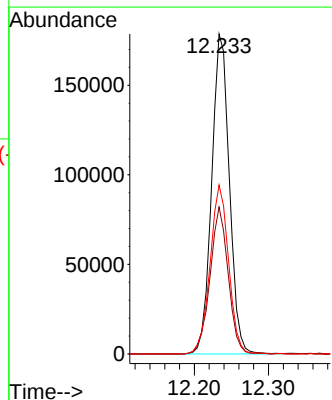
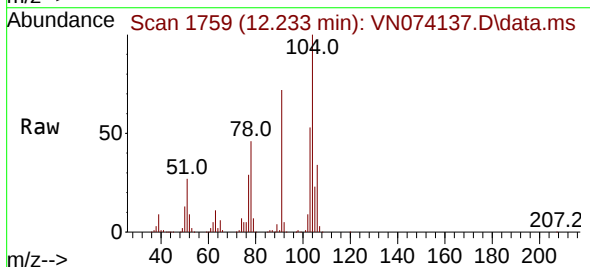
Manual Integrations
APPROVED

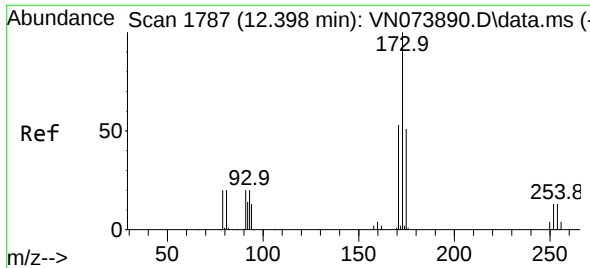
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#70
Styrene
Concen: 20.145 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

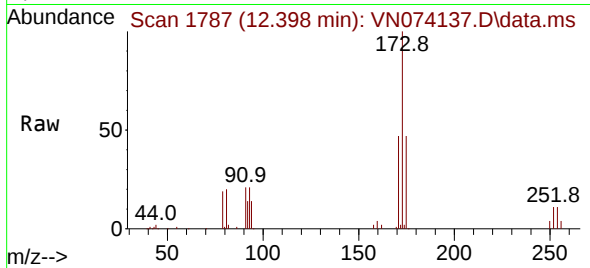
Tgt Ion:104 Resp: 295840
Ion Ratio Lower Upper
104 100
78 47.2 39.5 59.3
103 55.2 44.0 66.0





#71
Bromoform
Concen: 18.886 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

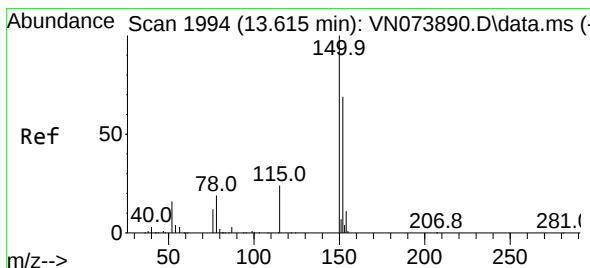
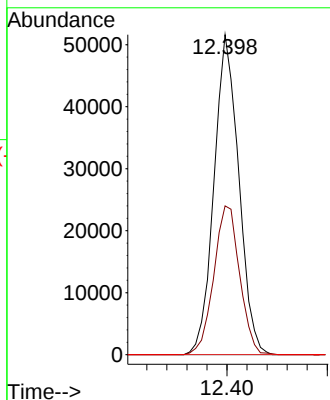
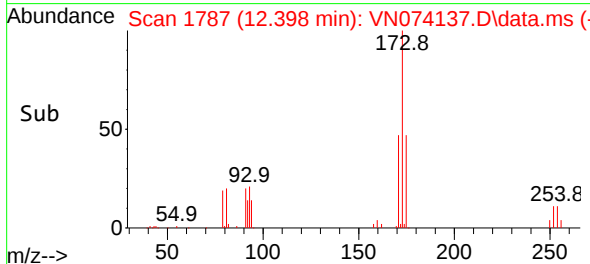
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



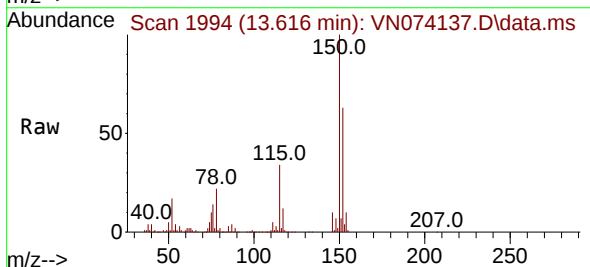
Tgt Ion:173 Resp: 8839
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

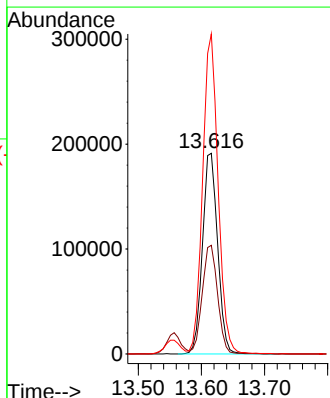
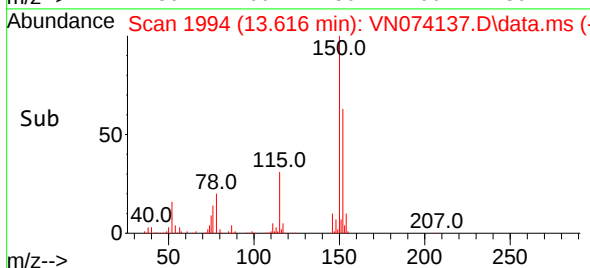
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022

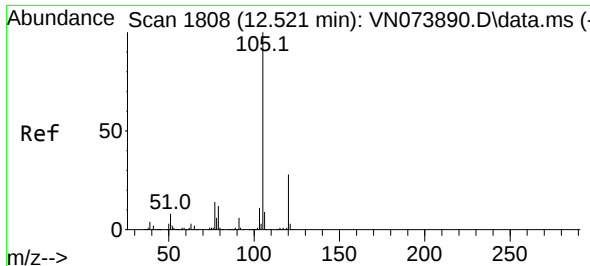


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43



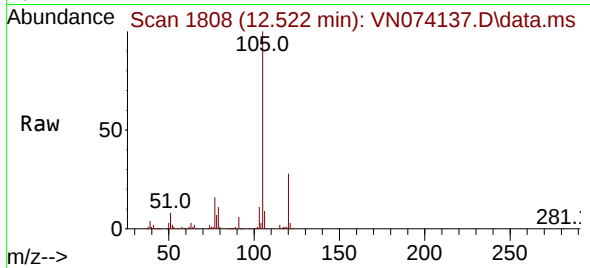
Tgt Ion:152 Resp: 318518
Ion Ratio Lower Upper
152 100
115 55.0 28.9 86.7
150 162.5 0.0 356.2





#73
Isopropylbenzene
Concen: 19.531 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.001 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

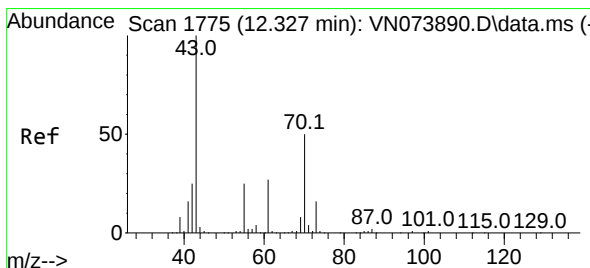
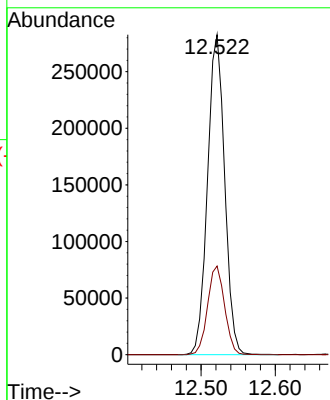
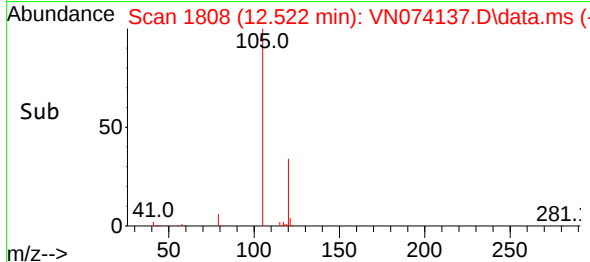
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion:105 Resp: 452997
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4

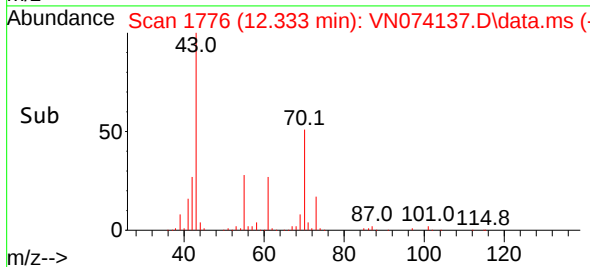
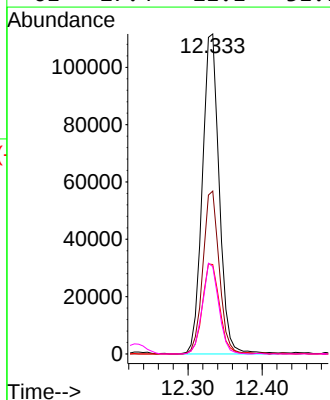
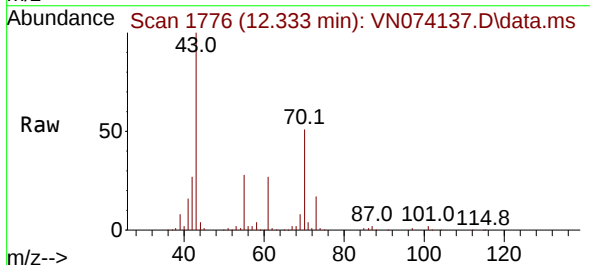
Manual Integrations
APPROVED

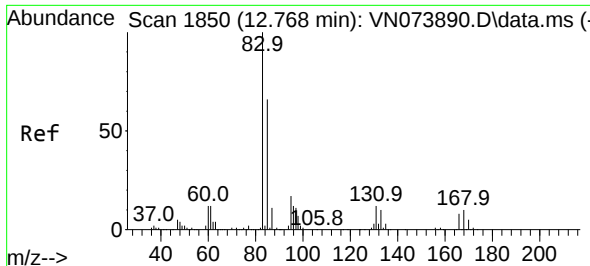
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#74
N-ethyl acetate
Concen: 20.176 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

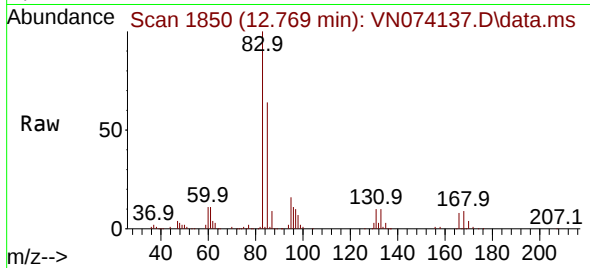
Tgt Ion: 43 Resp: 176904
Ion Ratio Lower Upper
43 100
70 49.3 39.0 58.4
55 28.7 21.1 31.7
61 27.4 21.1 31.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.716 ug/l
 RT: 12.769 min Scan# 1850
 Delta R.T. 0.001 min
 Lab File: VN074137.D
 Acq: 26 Aug 2022 15:43

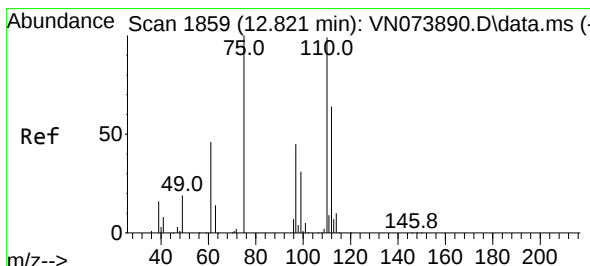
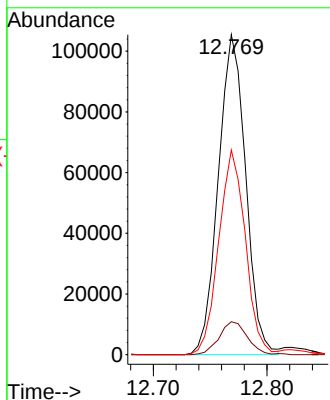
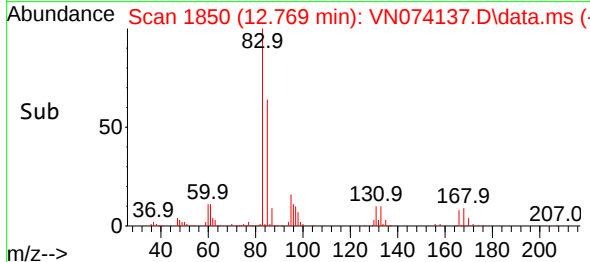
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02



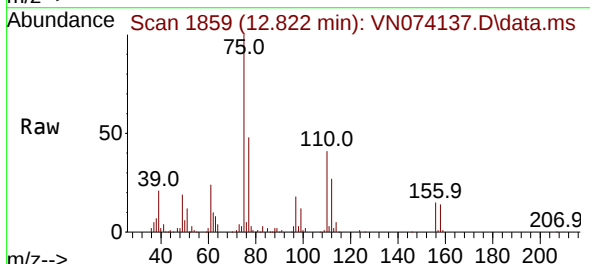
Tgt Ion: 83 Resp: 17680
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.3 15.9
 85 62.3 32.3 96.9

Manual Integrations
 APPROVED

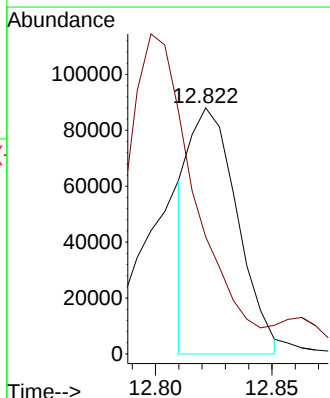
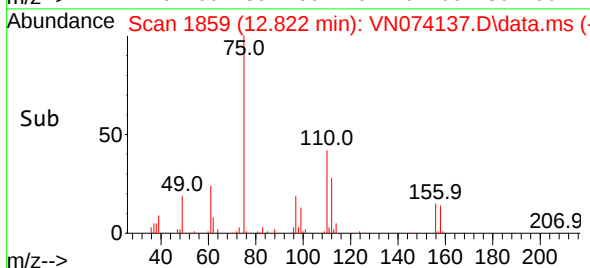
Reviewed By :John Carlone 09/07/2022
 Supervised By :Mahesh Dadoda 09/08/2022

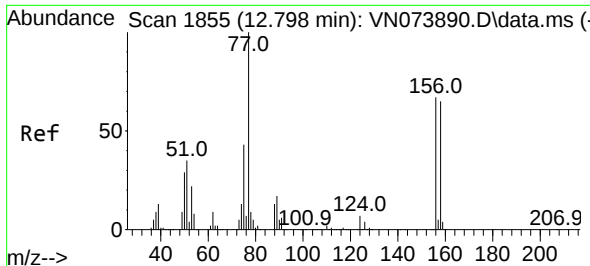


#76
 1,2,3-Trichloropropane
 Concen: 19.082 ug/l m
 RT: 12.822 min Scan# 1859
 Delta R.T. 0.001 min
 Lab File: VN074137.D
 Acq: 26 Aug 2022 15:43



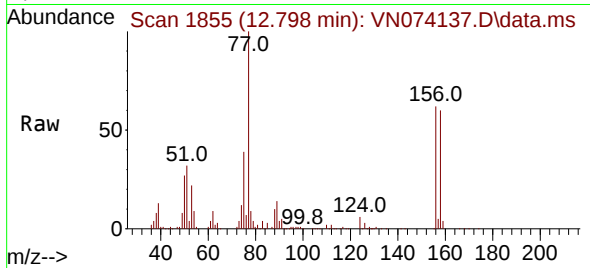
Tgt Ion: 75 Resp: 126328
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 19.273 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

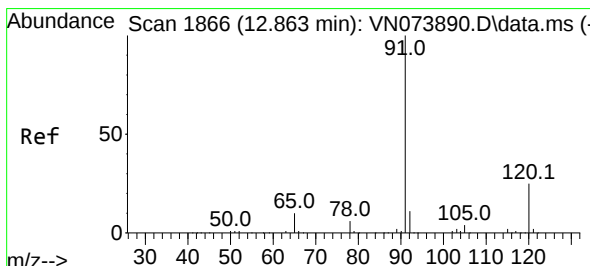
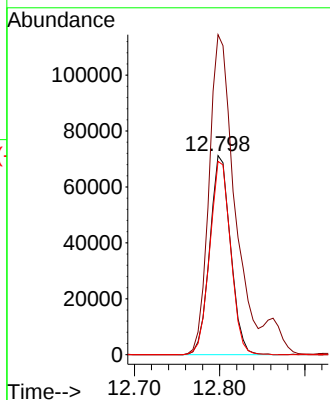
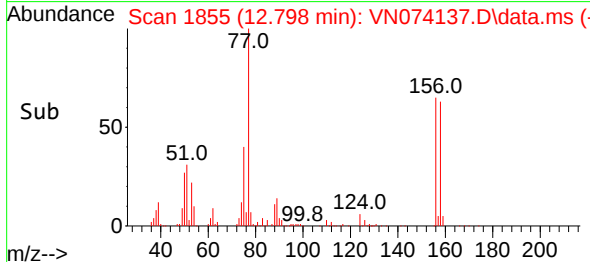
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



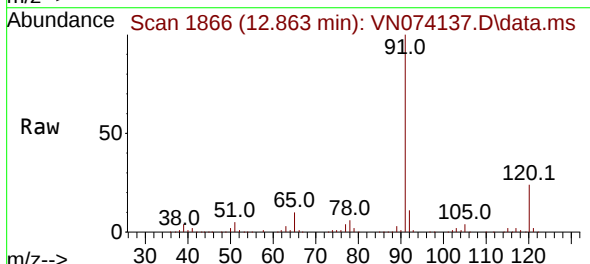
Tgt Ion:156 Resp: 12099
Ion Ratio Lower Upper
156 100
77 194.2 100.5 301.5
158 97.2 48.9 146.6

Manual Integrations
APPROVED

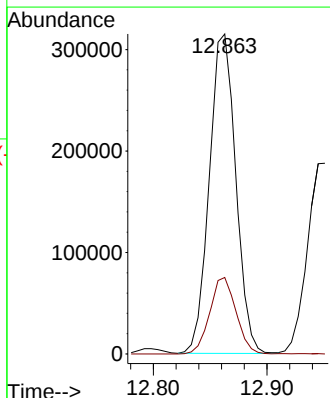
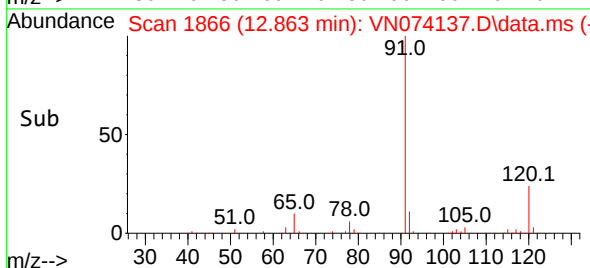
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022

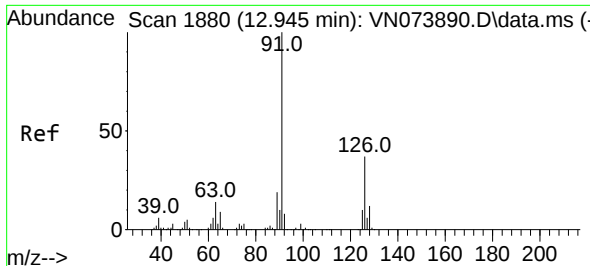


#78
n-propylbenzene
Concen: 20.632 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43



Tgt Ion: 91 Resp: 510078
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





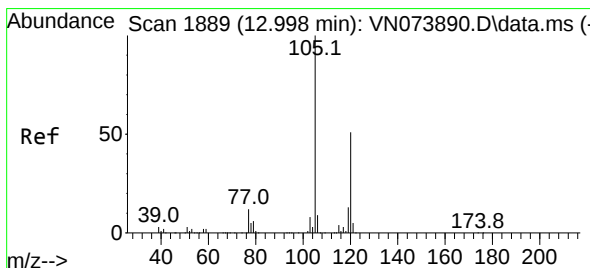
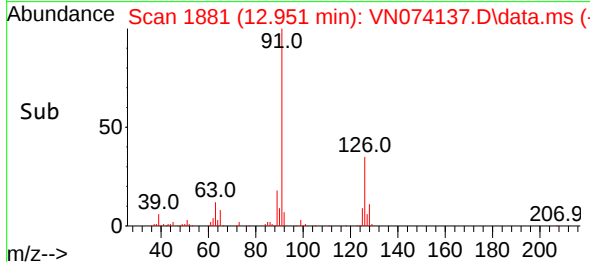
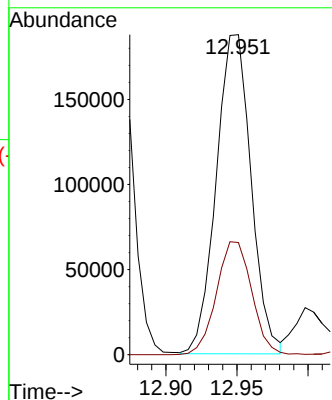
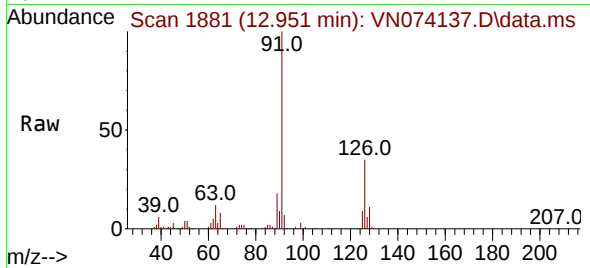
#79
2-Chlorotoluene
Concen: 20.800 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion: 91 Resp: 32047
Ion Ratio Lower Upper
91 100
126 35.8 17.3 51.9

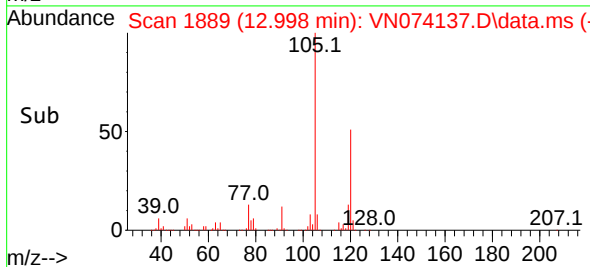
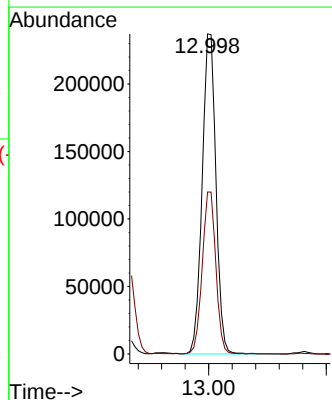
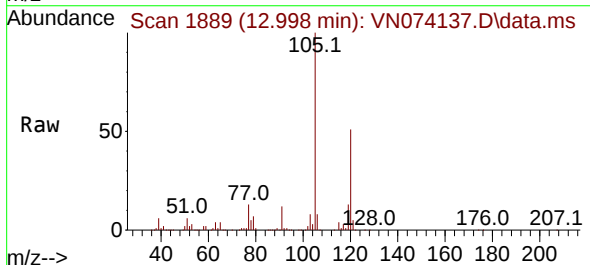
Manual Integrations
APPROVED

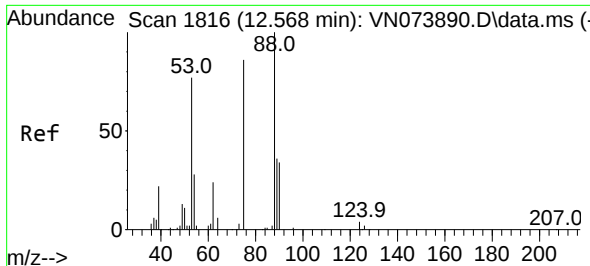
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.432 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

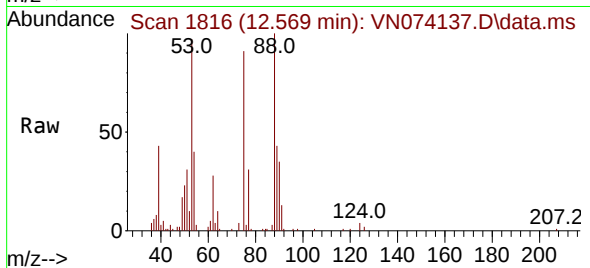
Tgt Ion:105 Resp: 385454
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.088 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.001 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

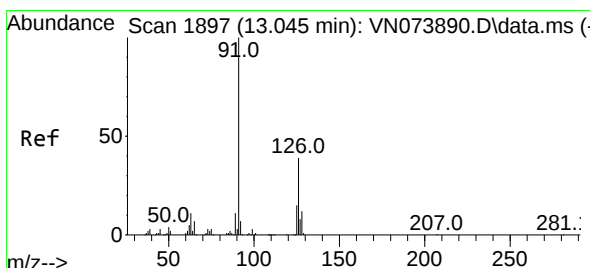
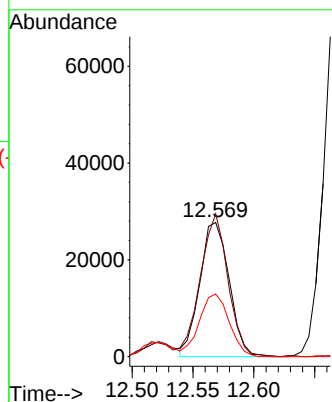
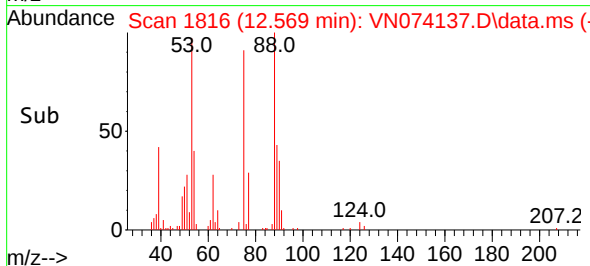
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 75 Resp: 46759
Ion Ratio Lower Upper
75 100
53 101.1 78.0 117.0
89 47.3 37.2 55.8

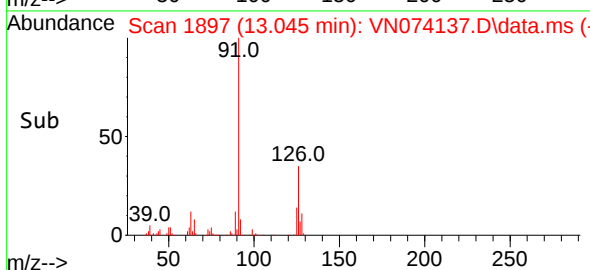
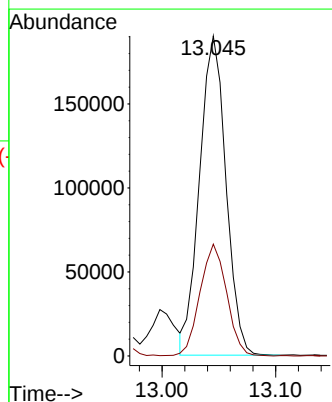
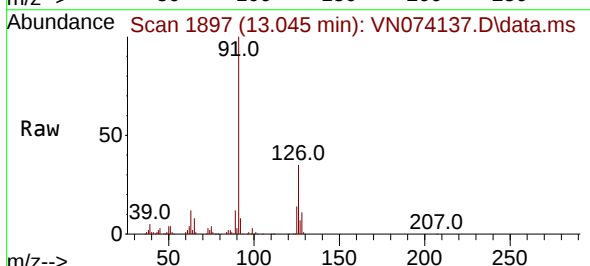
Manual Integrations
APPROVED

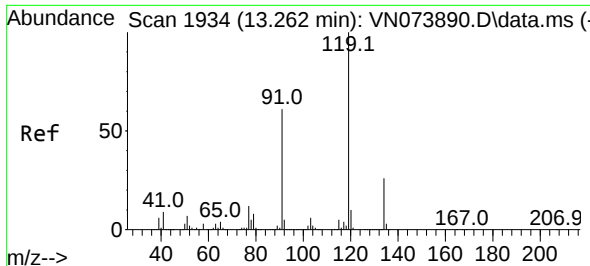
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#82
4-Chlorotoluene
Concen: 20.967 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

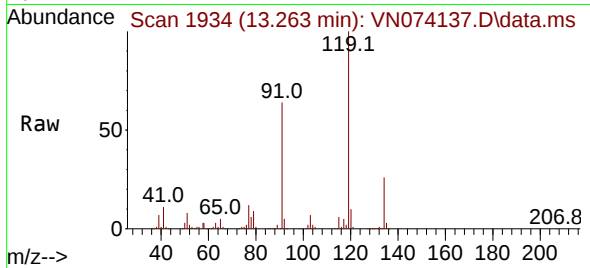
Tgt Ion: 91 Resp: 306821
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.401 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

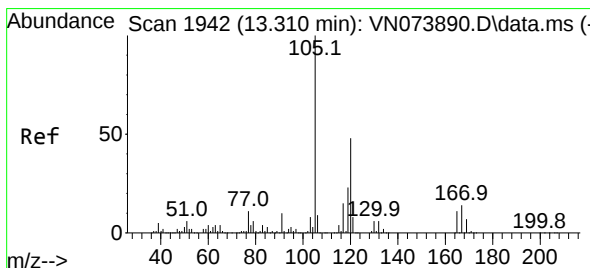
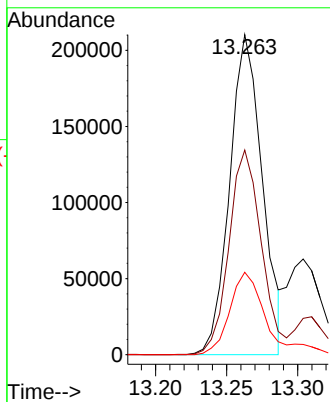
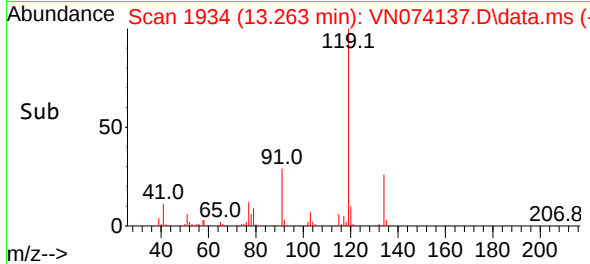
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



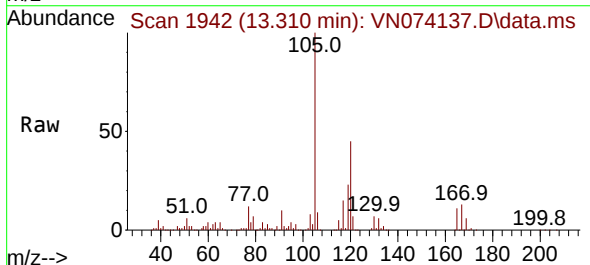
Tgt Ion:119 Resp: 336797
Ion Ratio Lower Upper
119 100
91 63.8 31.6 94.8
134 28.7 13.7 41.1

Manual Integrations
APPROVED

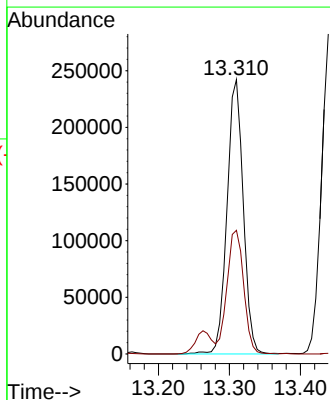
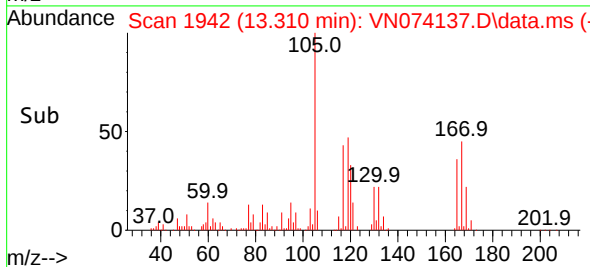
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022

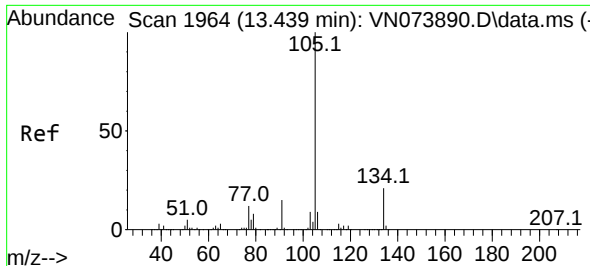


#84
1,2,4-Trimethylbenzene
Concen: 20.404 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43



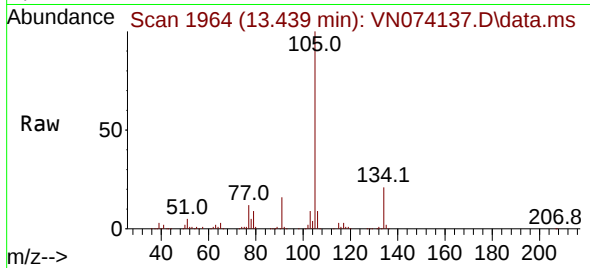
Tgt Ion:105 Resp: 384399
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.471 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN074137.D
 Acq: 26 Aug 2022 15:43

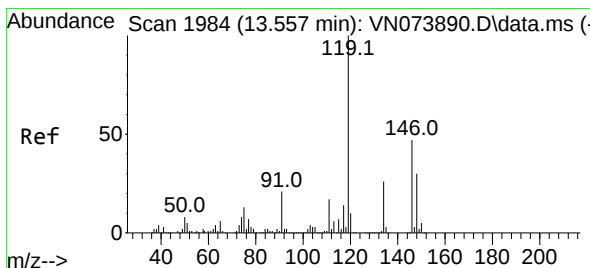
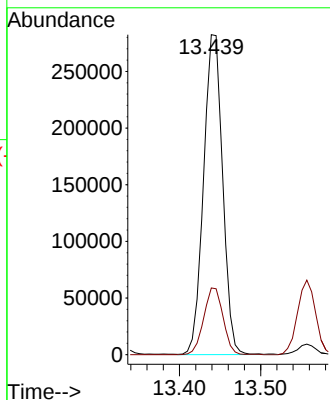
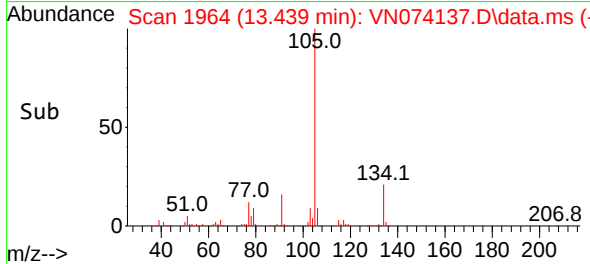
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02



Tgt Ion:105 Resp: 46066
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1

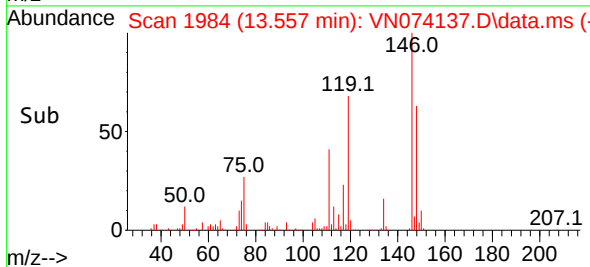
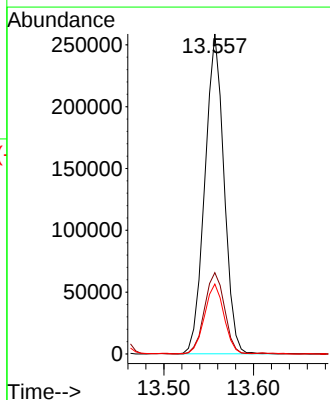
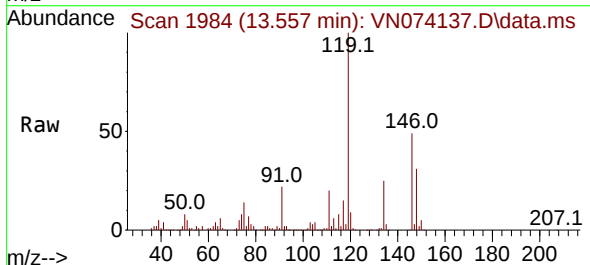
Manual Integrations
 APPROVED

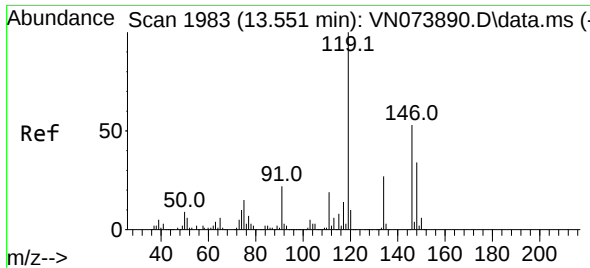
Reviewed By :John Carlone 09/07/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#86
 p-Isopropyltoluene
 Concen: 19.984 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074137.D
 Acq: 26 Aug 2022 15:43

Tgt Ion:119 Resp: 383102
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.2 11.3 33.9





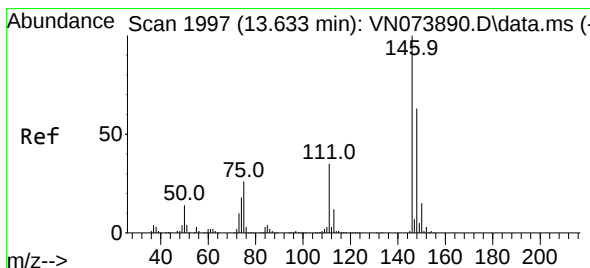
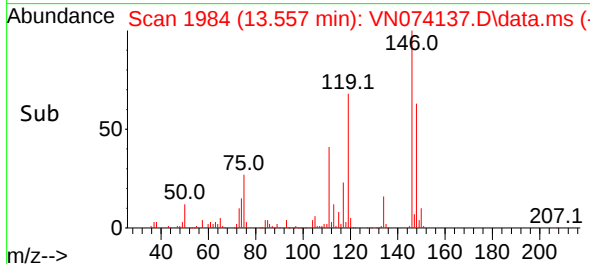
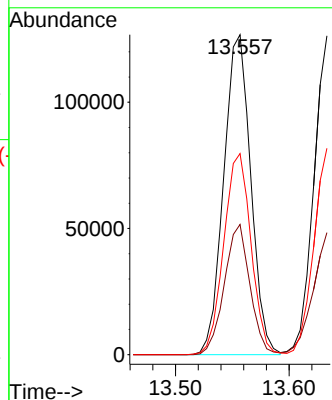
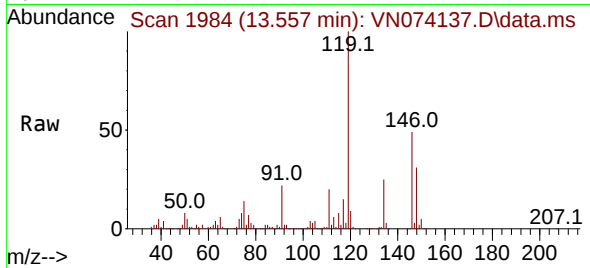
#87
1,3-Dichlorobenzene
Concen: 19.275 ug/l
RT: 13.557 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion:146 Resp: 209852
Ion Ratio Lower Upper
146 100
111 38.5 20.0 60.0
148 63.5 32.0 96.0

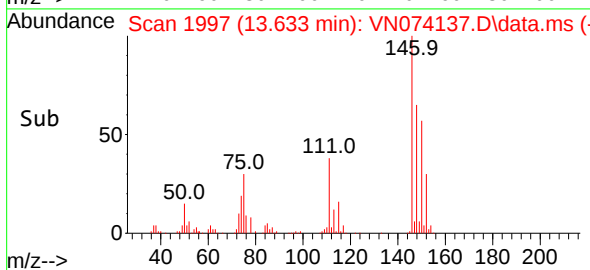
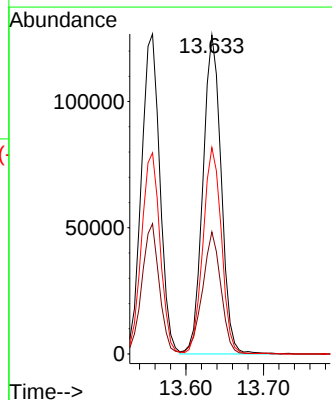
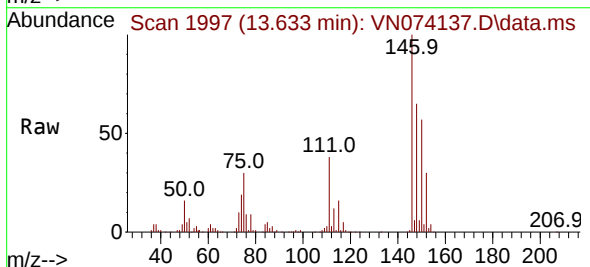
Manual Integrations
APPROVED

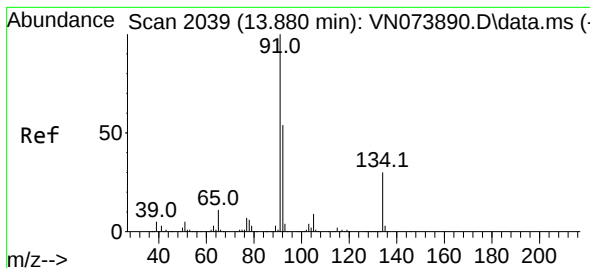
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#88
1,4-Dichlorobenzene
Concen: 18.741 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Tgt Ion:146 Resp: 206775
Ion Ratio Lower Upper
146 100
111 38.4 19.1 57.1
148 65.3 31.4 94.3





#89

n-Butylbenzene

Concen: 18.535 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN074137.D

Acq: 26 Aug 2022 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

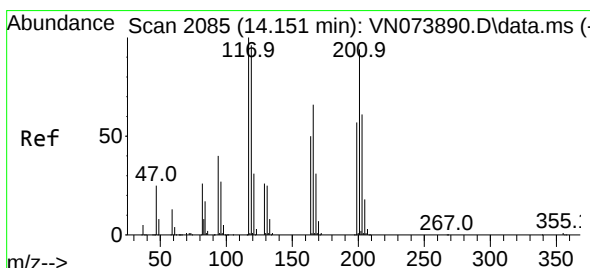
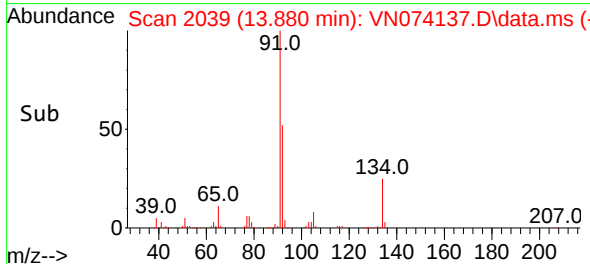
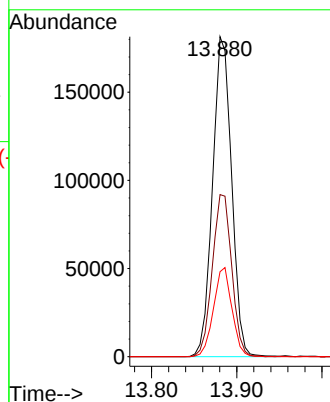
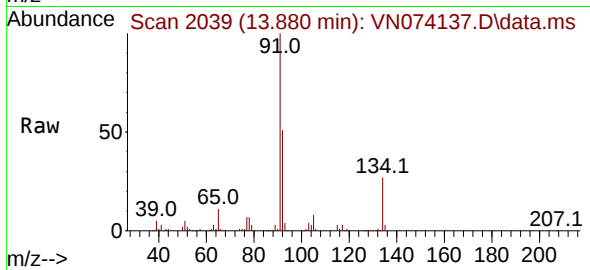
Tgt Ion:	91	Resp:	28144
Ion Ratio	Lower	Upper	
91	100		
92	51.8	26.9	80.7
134	27.0	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2022

Supervised By :Mahesh Dadoda 09/08/2022



#90

Hexachloroethane

Concen: 19.757 ug/l

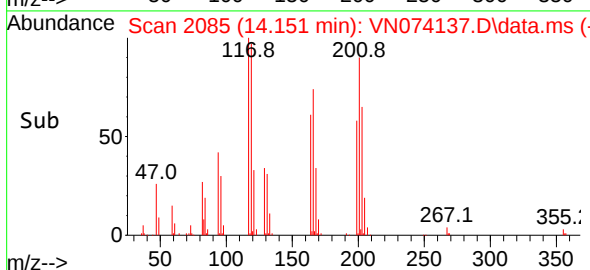
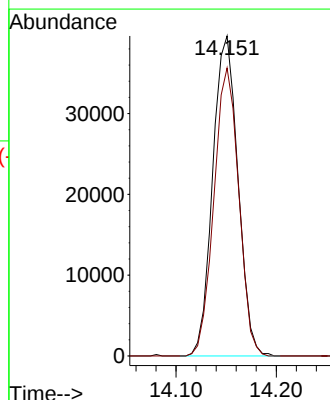
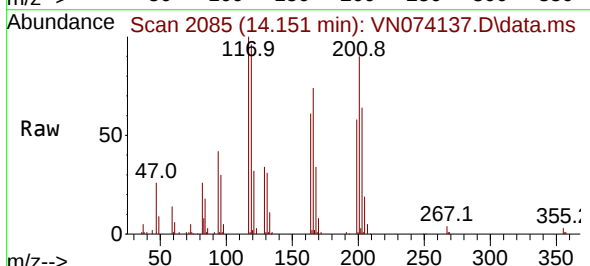
RT: 14.151 min Scan# 2085

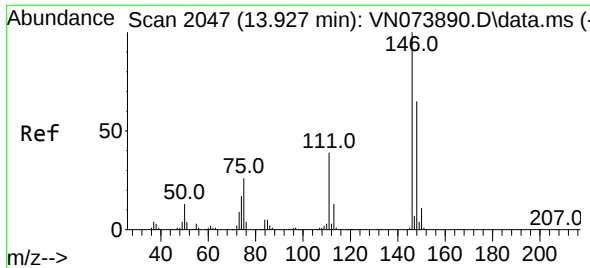
Delta R.T. -0.000 min

Lab File: VN074137.D

Acq: 26 Aug 2022 15:43

Tgt Ion:	117	Resp:	69234
Ion Ratio	Lower	Upper	
117	100		
201	88.5	40.6	122.0





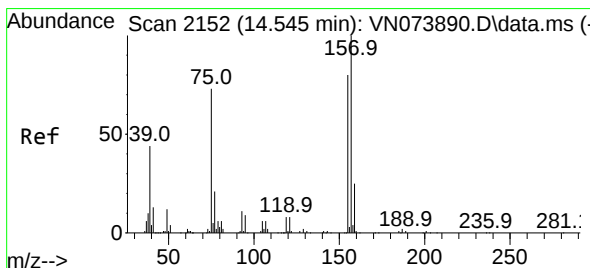
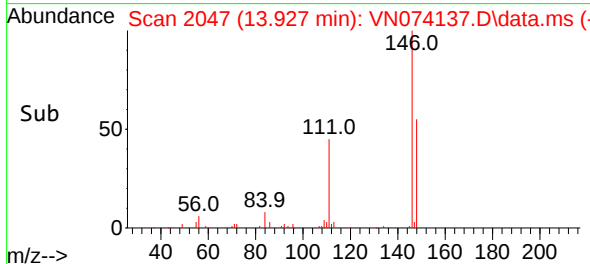
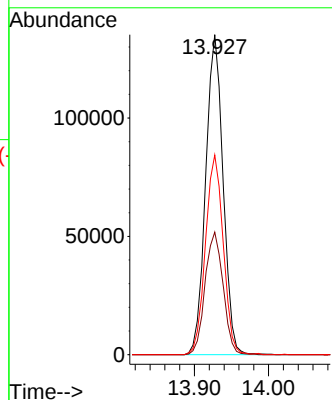
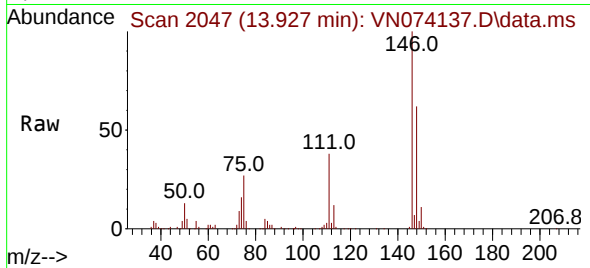
#91
1,2-Dichlorobenzene
Concen: 19.643 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion:146 Resp: 22084
Ion Ratio Lower Upper
146 100
111 39.7 20.9 62.8
148 64.0 32.1 96.3

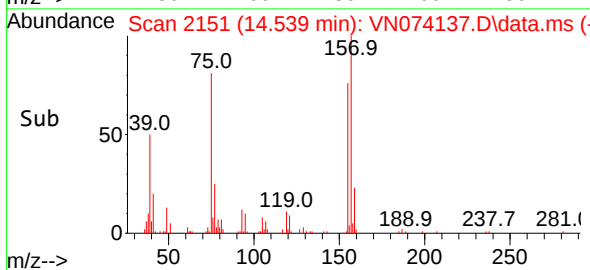
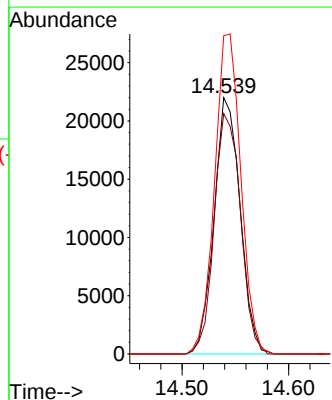
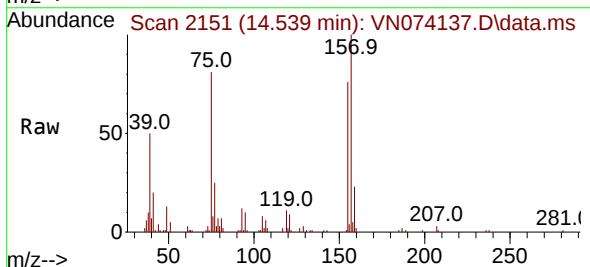
Manual Integrations
APPROVED

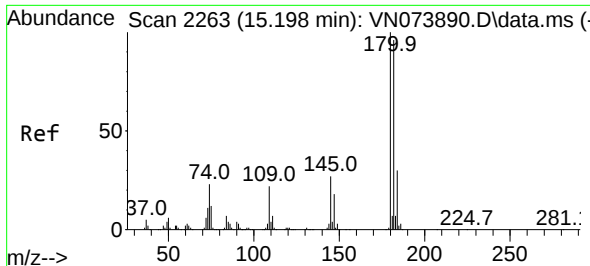
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.361 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

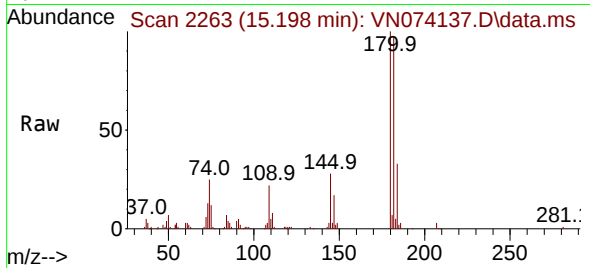
Tgt Ion: 75 Resp: 37417
Ion Ratio Lower Upper
75 100
155 94.6 44.9 134.5
157 125.8 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 17.246 ug/l
RT: 15.198 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

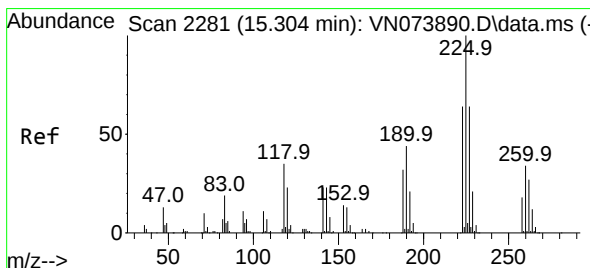
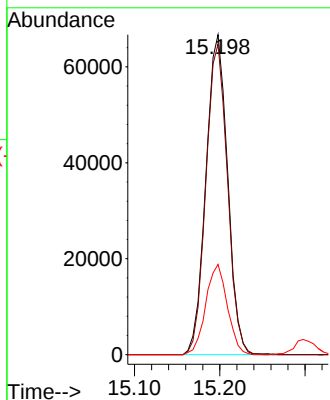
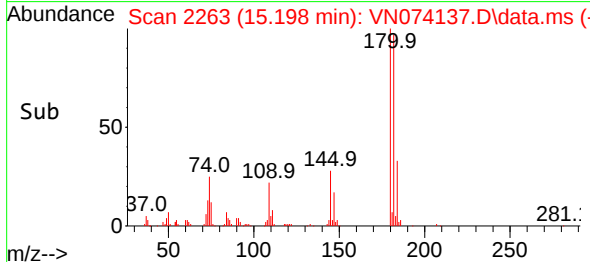
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



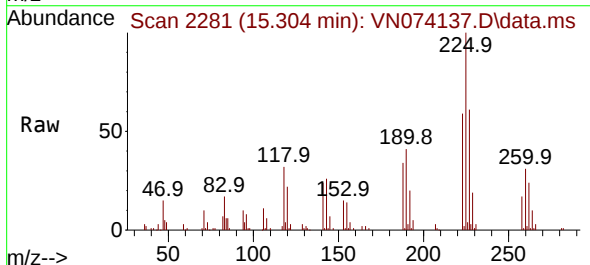
Tgt Ion:180 Resp: 118004
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.5
145 28.0 14.5 43.5

Manual Integrations
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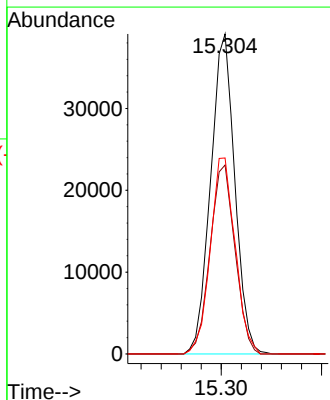
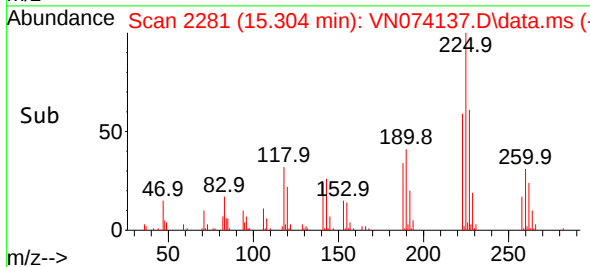
Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022

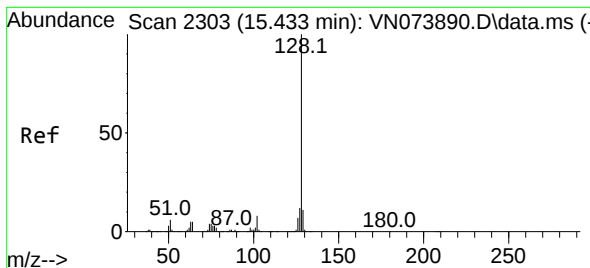


#94
Hexachlorobutadiene
Concen: 18.173 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43



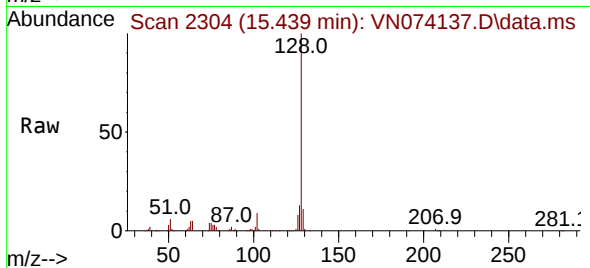
Tgt Ion:225 Resp: 65551
Ion Ratio Lower Upper
225 100
223 61.0 32.4 97.2
227 62.8 31.8 95.4





#95
Naphthalene
Concen: 18.235 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43

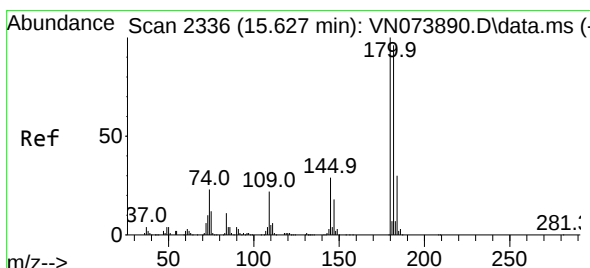
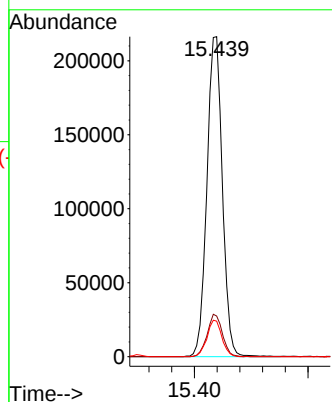
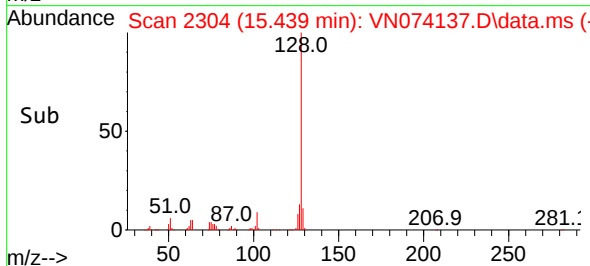
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



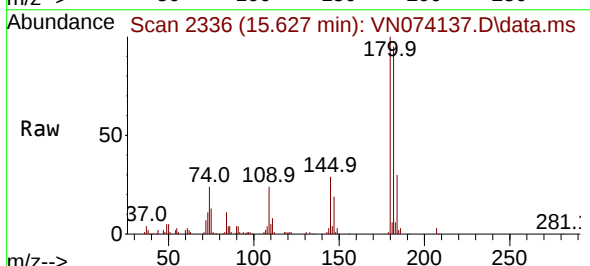
Tgt Ion:128 Resp: 406775
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.522 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074137.D
Acq: 26 Aug 2022 15:43



Tgt Ion:180 Resp: 130996
Ion Ratio Lower Upper
180 100
182 94.1 47.8 143.3
145 28.5 15.5 46.5

