

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069826.D
 Acq On : 7 Dec 2021 20:04
 Operator : JC/MD
 Sample : M4956-10MSD 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-20211204MSD

Quant Time: Dec 08 04:39:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1068450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1801217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1701799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	723881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	818642	49.624	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.240%		
35) Dibromofluoromethane	8.021	113	558423	49.495	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.980%		
50) Toluene-d8	10.441	98	2210727	48.799	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.600%		
62) 4-Bromofluorobenzene	12.731	95	811881	49.468	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	643971	51.675	ug/l	98
3) Chloromethane	2.303	50	744323	47.675	ug/l	100
4) Vinyl Chloride	2.448	62	726587	50.613	ug/l	98
5) Bromomethane	2.842	94	416358	53.385	ug/l	98
6) Chloroethane	3.014	64	432798	49.199	ug/l	97
7) Trichlorofluoromethane	3.374	101	944335	50.121	ug/l	99
8) Diethyl Ether	3.824	74	371984	51.262	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.208	101	563696	53.373	ug/l	96
10) Methyl Iodide	4.419	142	736135	51.020	ug/l	97
11) Tert butyl alcohol	5.380	59	676548	216.960	ug/l	98
12) 1,1-Dichloroethene	4.181	96	523959	51.482	ug/l	88
13) Acrolein	4.039	56	854517	321.789	ug/l	98
14) Allyl chloride	4.841	41	1180948	51.495	ug/l	93
15) Acrylonitrile	5.554	53	2011333	239.367	ug/l	99
16) Acetone	4.285	43	1831574	184.567	ug/l	96
17) Carbon Disulfide	4.529	76	1352090	51.423	ug/l	99
18) Methyl Acetate	4.854	43	1411835	47.134	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	2050058	51.805	ug/l	96
20) Methylene Chloride	5.093	84	643404	48.771	ug/l #	85
21) trans-1,2-Dichloroethene	5.600	96	558108	50.488	ug/l	87
22) Diisopropyl ether	6.498	45	2390428	53.328	ug/l	93
23) Vinyl Acetate	6.434	43	9767477	267.840	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1224891	52.752	ug/l	98
25) 2-Butanone	7.335	43	2955736	219.214	ug/l	91
26) 2,2-Dichloropropane	7.324	77	892817	49.454	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	681602	51.035	ug/l	86
28) Bromochloromethane	7.657	49	614392	50.883	ug/l #	78
29) Tetrahydrofuran	7.683	42	1945113	237.574	ug/l	88
30) Chloroform	7.818	83	1215827	51.847	ug/l	99
31) Cyclohexane	8.094	56	1144244	49.841	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	1053394	52.735	ug/l	96
36) 1,1-Dichloropropene	8.223	75	880008	51.321	ug/l	97
37) Ethyl Acetate	7.413	43	1182536	46.335	ug/l	96
38) Carbon Tetrachloride	8.206	117	886950	52.748	ug/l	100
39) Methylcyclohexane	9.459	83	1062251	52.081	ug/l	91
40) Benzene	8.459	78	2687633	51.279	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	598851	49.986	ug/l	89
42) 1,2-Dichloroethane	8.528	62	1071238	50.632	ug/l	96
43) Isopropyl Acetate	8.560	43	1874757	49.640	ug/l #	93
44) Trichloroethene	9.215	130	2368578	189.341	ug/l	92
45) 1,2-Dichloropropane	9.488	63	729783	51.852	ug/l	98
46) Dibromomethane	9.577	93	466932	50.586	ug/l	93
47) Bromodichloromethane	9.762	83	932150	53.337	ug/l	100
48) Methyl methacrylate	9.558	41	880462	49.955	ug/l	89
49) 1,4-Dioxane	9.569	88	267022	844.346	ug/l #	86
51) 4-Methyl-2-Pentanone	10.331	43	6113946	249.543	ug/l	95
52) Toluene	10.505	92	1662599	51.959	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	997572	47.594	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1071229	48.610	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	661779	51.258	ug/l	97
56) Ethyl methacrylate	10.760	69	1136831	46.819	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1175620	51.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.036	63	7844	19.494	ug/l	95
59) 2-Hexanone	11.084	43	4347917	234.592	ug/l	93
60) Dibromochloromethane	11.237	129	674764	48.837	ug/l	99
61) 1,2-Dibromoethane	11.344	107	686645	51.348	ug/l	98
64) Tetrachloroethene	10.977	164	559812	48.513	ug/l	96
65) Chlorobenzene	11.768	112	1754312	50.814	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	644462	53.036	ug/l	100
67) Ethyl Benzene	11.843	91	3305305	52.705	ug/l	95
68) m/p-Xylenes	11.953	106	2405245	105.335	ug/l	92
69) o-Xylene	12.278	106	1199509	52.152	ug/l	91
70) Styrene	12.294	104	1946832	53.380	ug/l	95
71) Bromoform	12.457	173	491002	47.393	ug/l #	100
73) Isopropylbenzene	12.578	105	3176520	49.321	ug/l	98
74) N-amyl acetate	12.388	43	1389942	48.800	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1046518	46.989	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	893518m	43.042	ug/l	
77) Bromobenzene	12.860	156	729782	48.241	ug/l	79
78) n-propylbenzene	12.919	91	3625031	50.580	ug/l	96
79) 2-Chlorotoluene	13.007	91	2231669	49.280	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2605866	50.269	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	279370	44.529	ug/l	94
82) 4-Chlorotoluene	13.104	91	2137702	50.195	ug/l	93
83) tert-Butylbenzene	13.321	119	2275183	49.567	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2560662	51.868	ug/l	97
85) sec-Butylbenzene	13.501	105	3124155	50.178	ug/l	98
86) p-Isopropyltoluene	13.613	119	2502295	51.417	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1234070	49.656	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1199764	49.124	ug/l	98
89) n-Butylbenzene	13.943	91	2013382	51.000	ug/l	97
90) Hexachloroethane	14.211	117	446662	52.275	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	1194327	49.321	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	188049	46.727	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	533406	45.205	ug/l	98
94) Hexachlorobutadiene	15.367	225	295301	46.015	ug/l	99
95) Naphthalene	15.504	128	1502163	43.063	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	523995	45.501	ug/l	99

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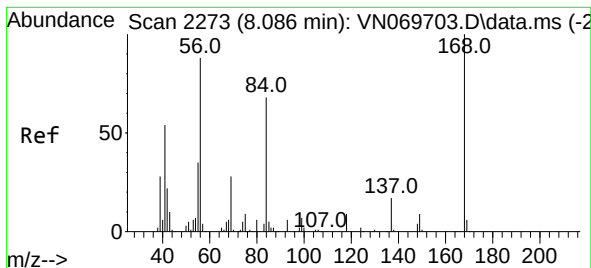
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.000 min

Lab File: VN069826.D

Acq: 7 Dec 2021 20:04

Instrument :

MSVOA_N

ClientSampleId :

RE137-20211204MSD

Tgt Ion:168 Resp: 1068450

Ion Ratio Lower Upper

168 100

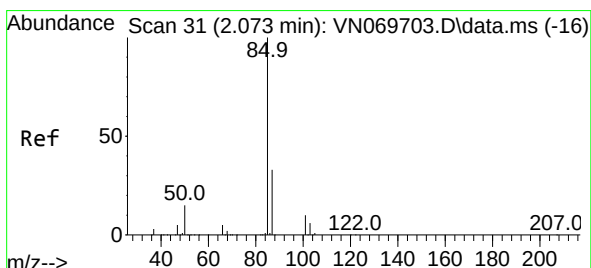
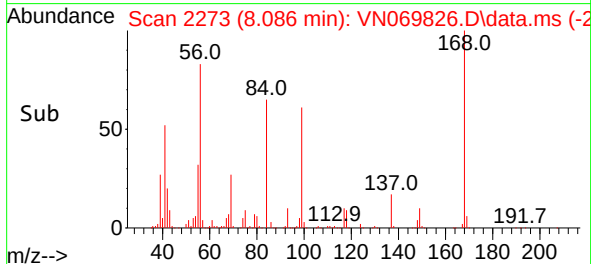
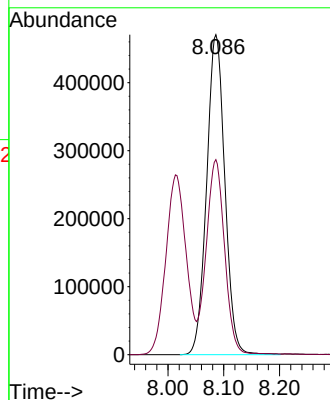
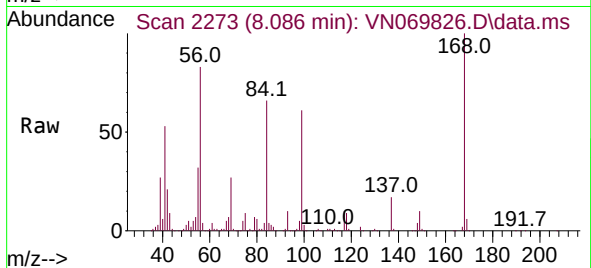
99 60.7 41.3 61.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 51.675 ug/l

RT: 2.073 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN069826.D

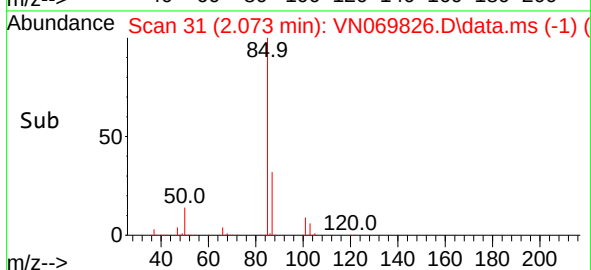
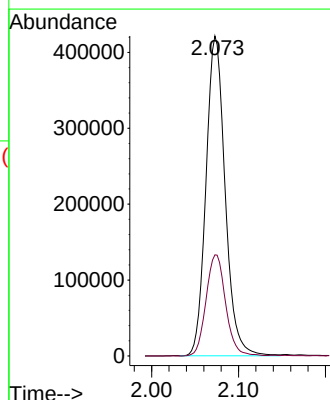
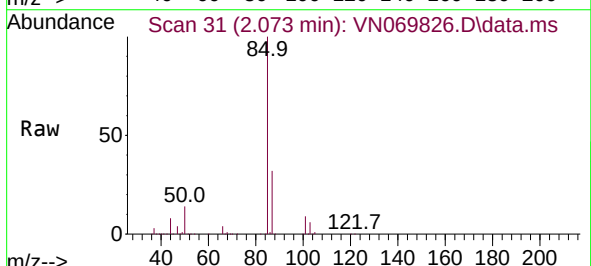
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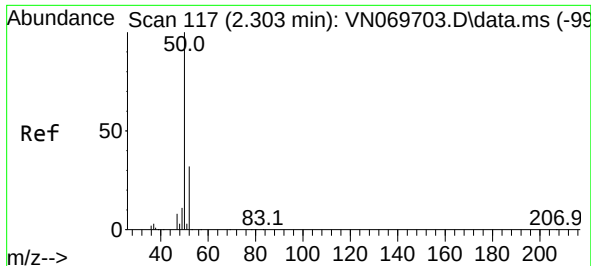
Tgt Ion: 85 Resp: 643971

Ion Ratio Lower Upper

85 100

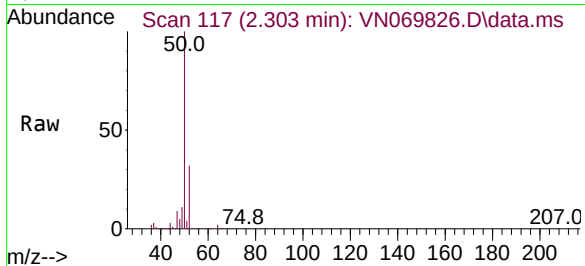
87 31.6 16.3 48.9





#3
Chloromethane
Concen: 47.675 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

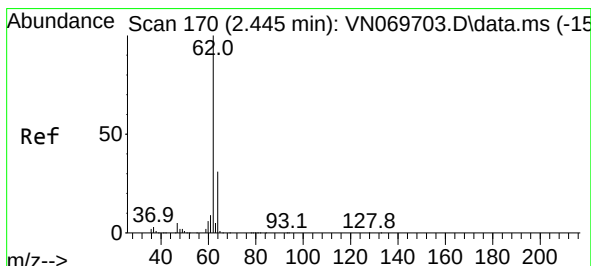
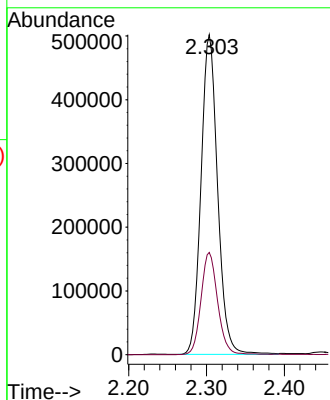
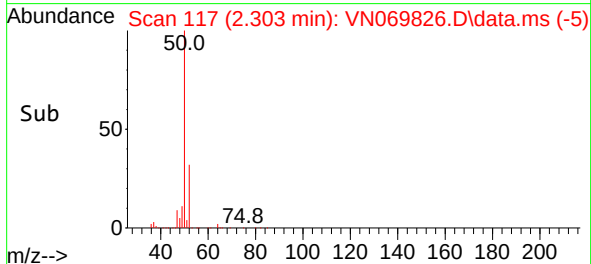
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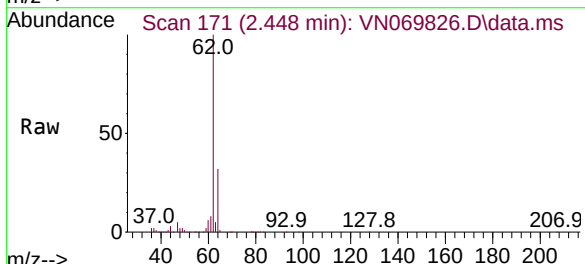
Tgt Ion: 50 Resp: 74432
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.0

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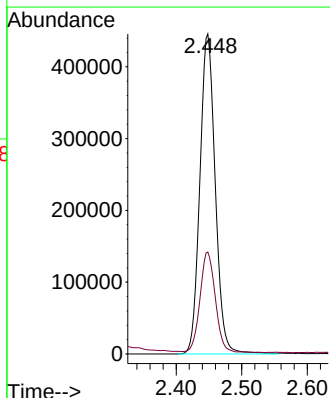
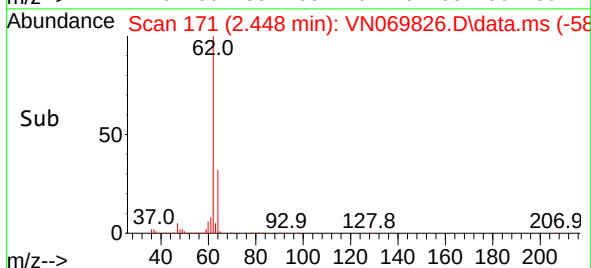
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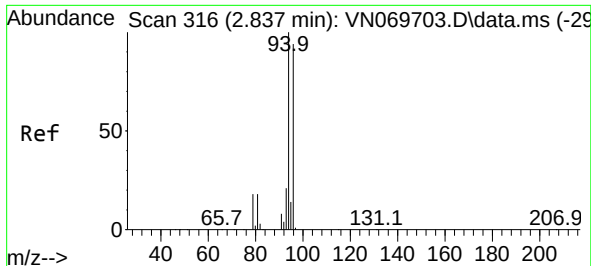


#4
Vinyl Chloride
Concen: 50.613 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04



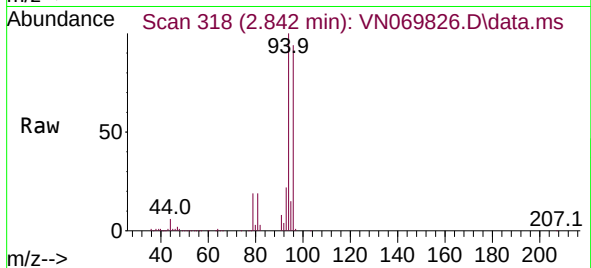
Tgt Ion: 62 Resp: 726587
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 53.385 ug/l
RT: 2.842 min Scan# 316
Delta R.T. 0.006 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

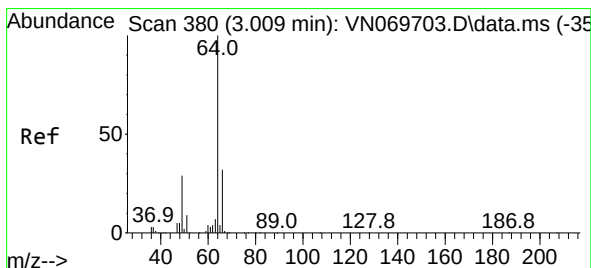
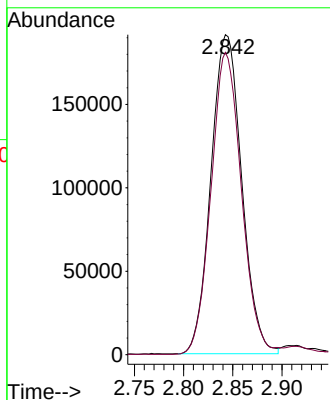
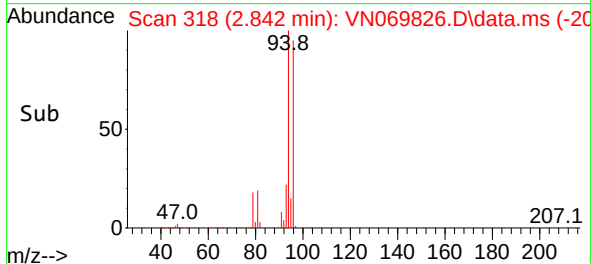
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Tgt Ion: 94 Resp: 416358
Ion Ratio Lower Upper
94 100
96 94.5 73.8 110.8

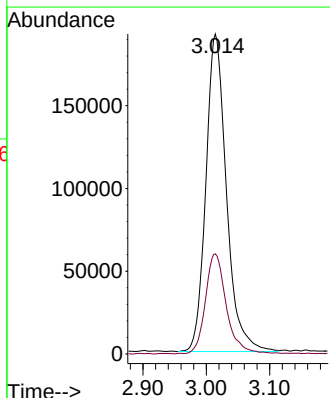
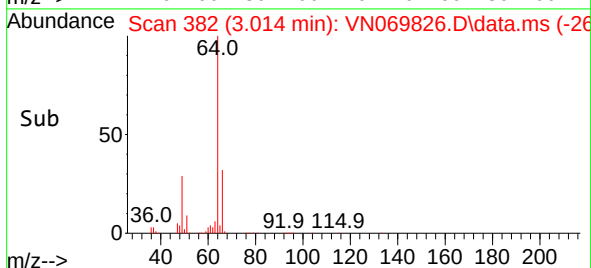
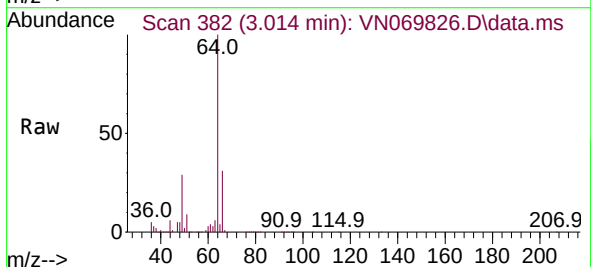
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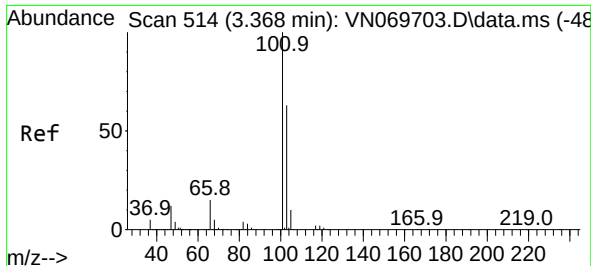
Reviewed By :John Carlone 12/08/2021
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#6
Chloroethane
Concen: 49.199 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Tgt Ion: 64 Resp: 432798
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5





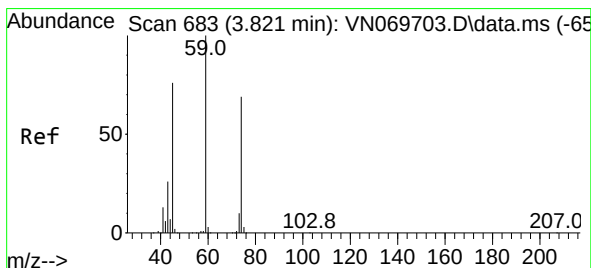
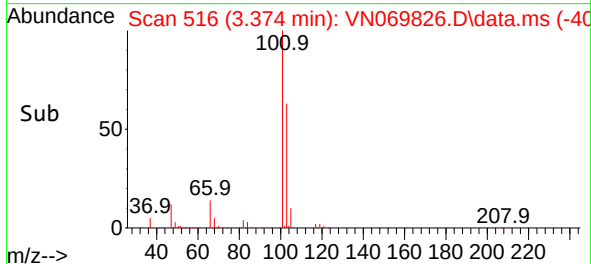
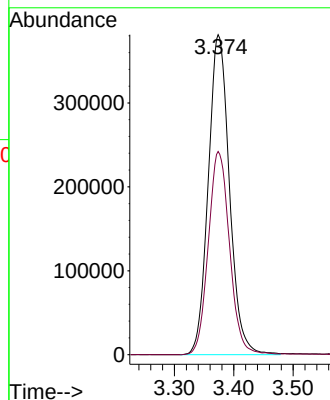
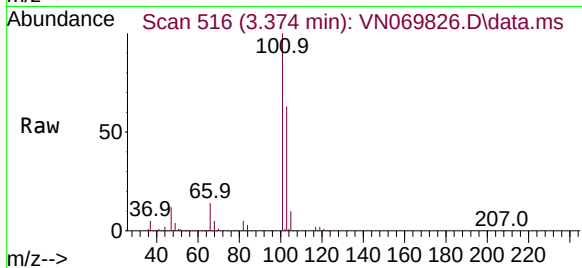
#7
 Trichlorofluoromethane
 Concen: 50.121 ug/l
 RT: 3.374 min Scan# 514
 Delta R.T. 0.006 min
 Lab File: VN069826.D
 Acq: 7 Dec 2021 20:04

Instrument :
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 RE137-20211204MSD

Tgt Ion:101 Resp: 944335
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.1 75.1

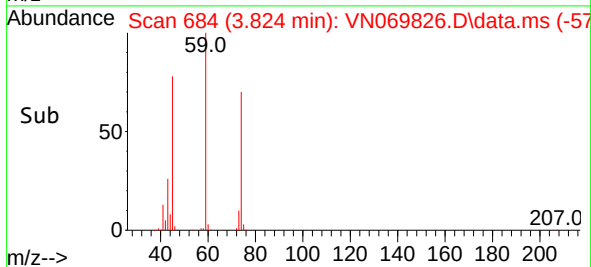
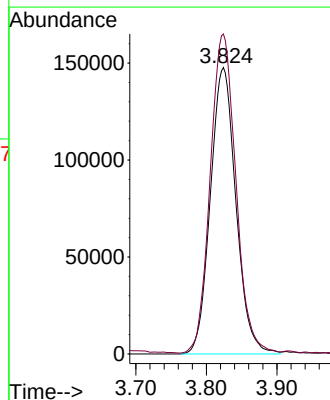
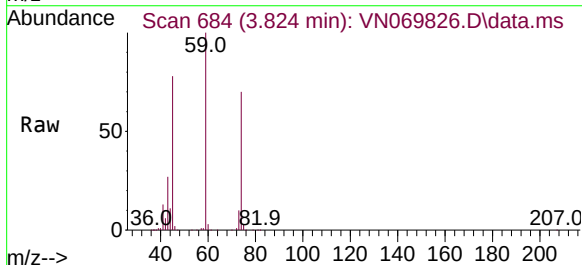
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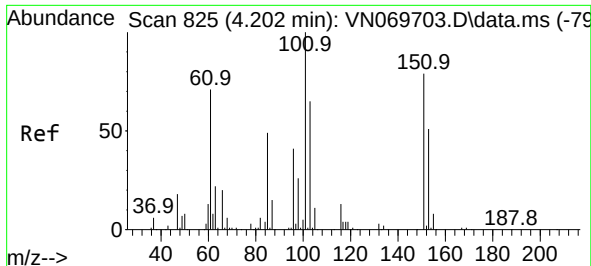
Reviewed By :John Carlone 12/08/2021
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#8
 Diethyl Ether
 Concen: 51.262 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
 Lab File: VN069826.D
 Acq: 7 Dec 2021 20:04

Tgt Ion: 74 Resp: 371984
 Ion Ratio Lower Upper
 74 100
 45 111.6 47.0 141.2





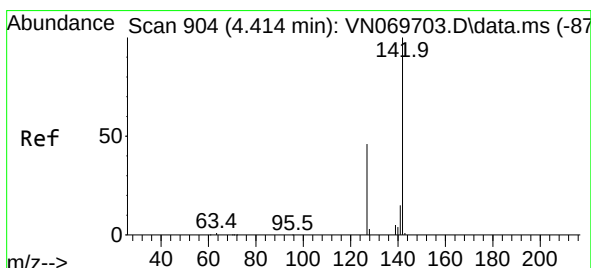
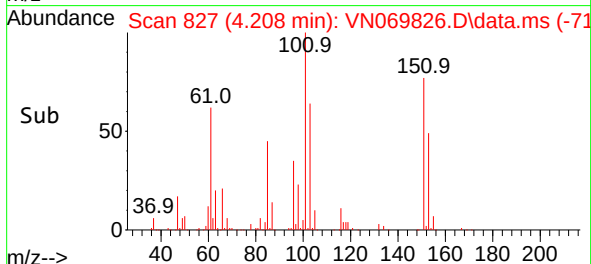
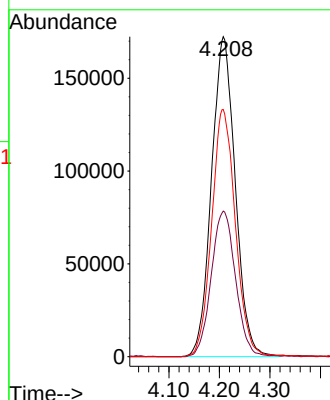
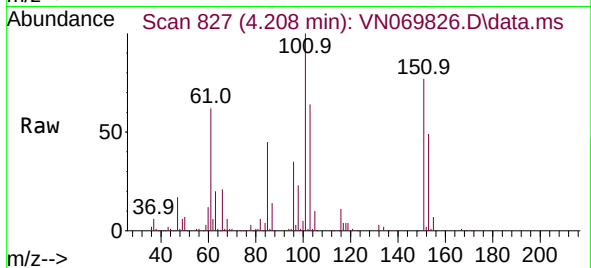
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.373 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD

Tgt Ion:101 Resp: 56369
Ion Ratio Lower Upper
101 100
85 46.4 37.2 55.8
151 77.0 65.9 98.9

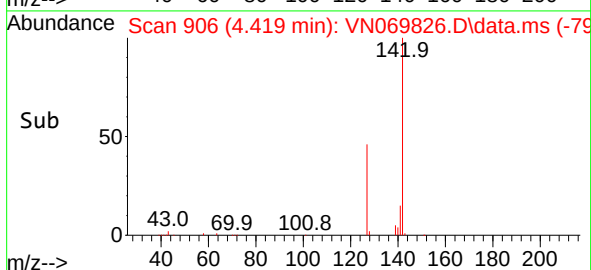
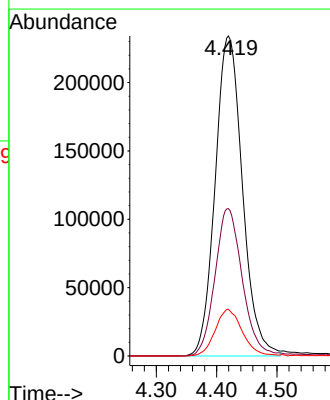
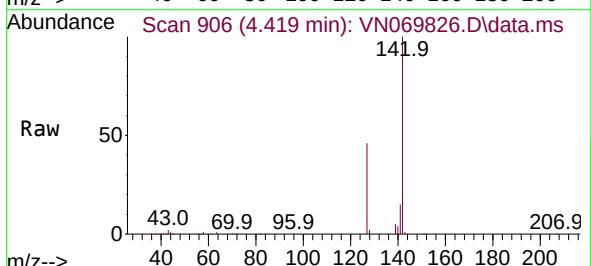
Manual Integrations
APPROVED

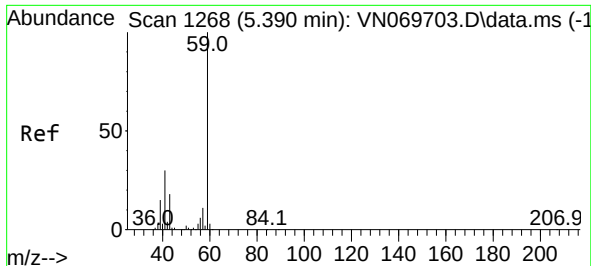
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 51.020 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

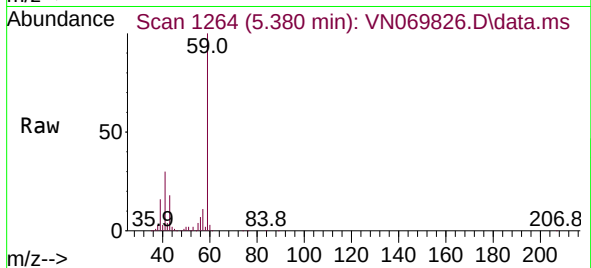
Tgt Ion:142 Resp: 736135
Ion Ratio Lower Upper
142 100
127 46.4 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 216.960 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.010 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

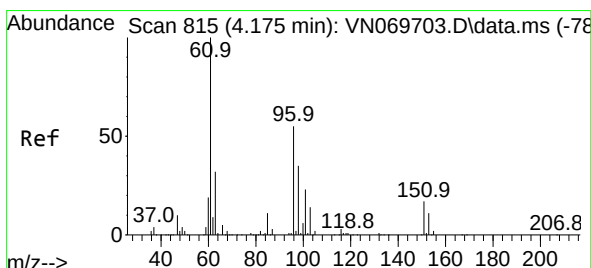
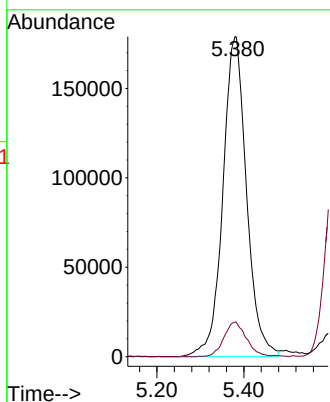
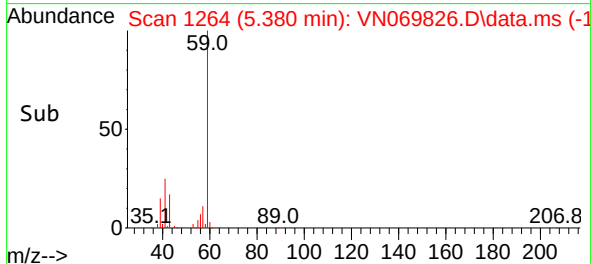
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



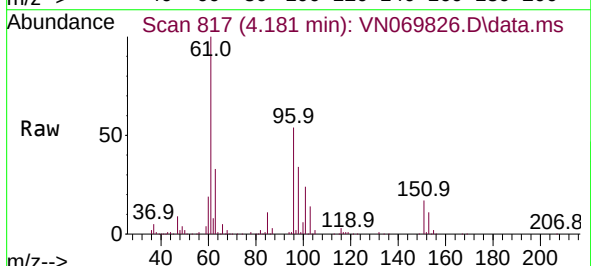
Tgt Ion: 59 Resp: 676548
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
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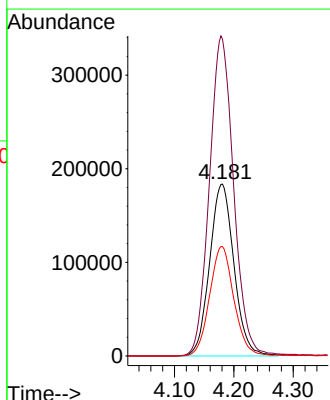
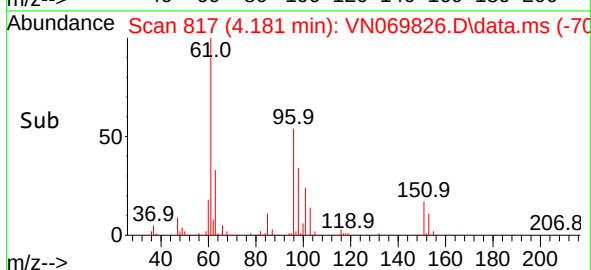
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

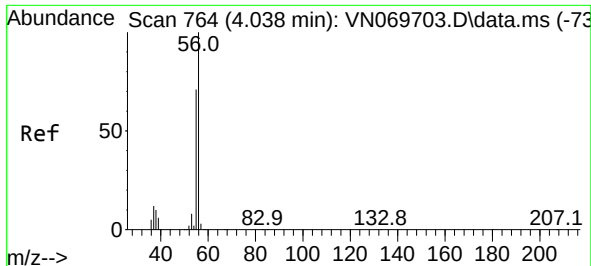


#12
1,1-Dichloroethene
Concen: 51.482 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04



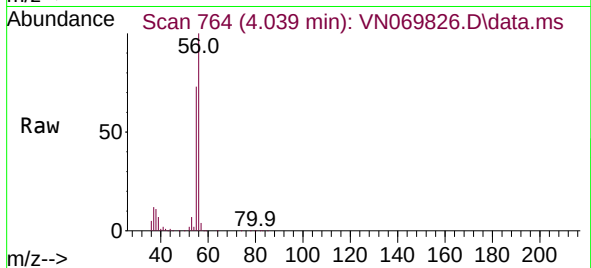
Tgt Ion: 96 Resp: 523959
Ion Ratio Lower Upper
96 100
61 184.2 131.0 196.6
98 63.6 52.4 78.6





#13
Acrolein
Concen: 321.789 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

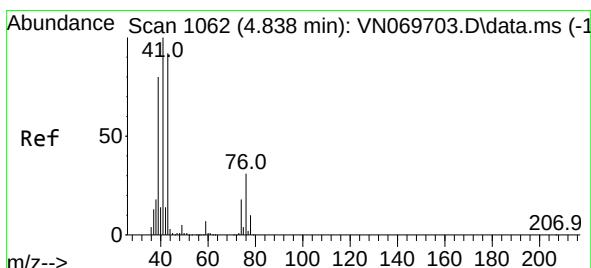
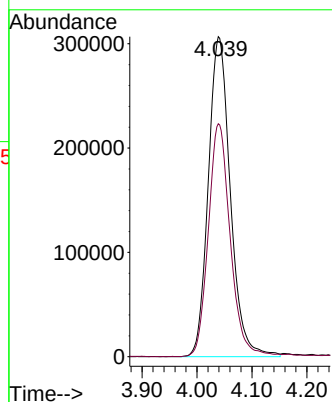
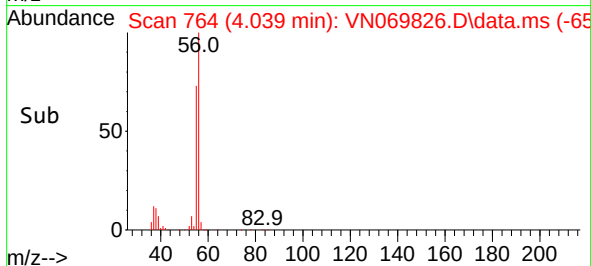
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



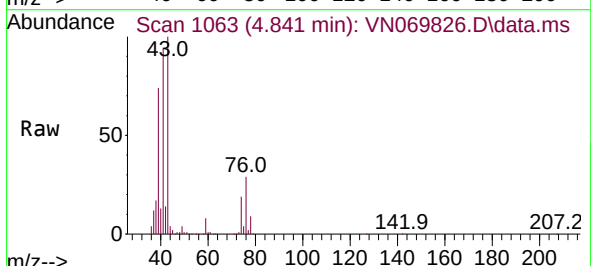
Tgt Ion: 56 Resp: 85451
Ion Ratio Lower Upper
56 100
55 72.2 56.6 85.0

Manual Integrations
APPROVED

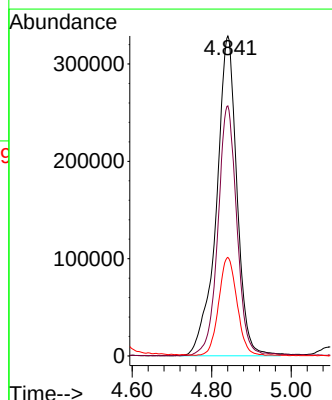
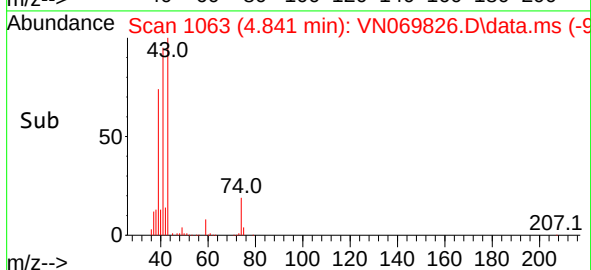
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

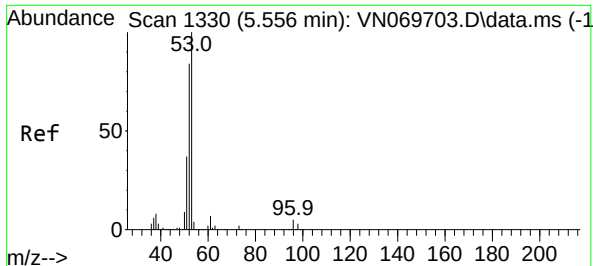


#14
Allyl chloride
Concen: 51.495 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04



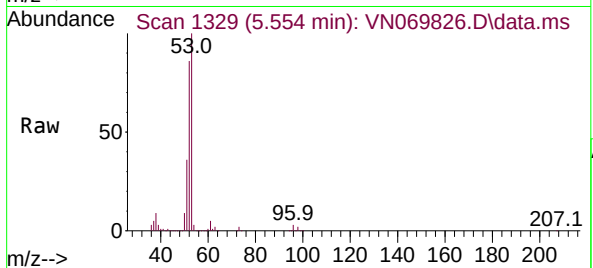
Tgt Ion: 41 Resp: 1180948
Ion Ratio Lower Upper
41 100
39 71.5 61.2 91.8
76 27.0 26.0 39.0





#15
Acrylonitrile
Concen: 239.367 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

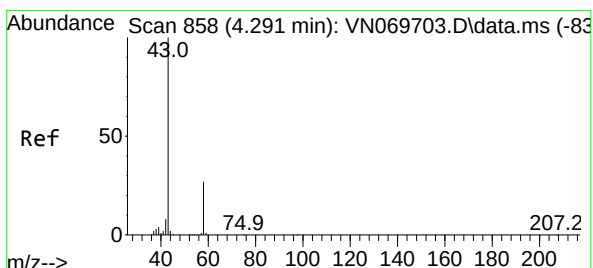
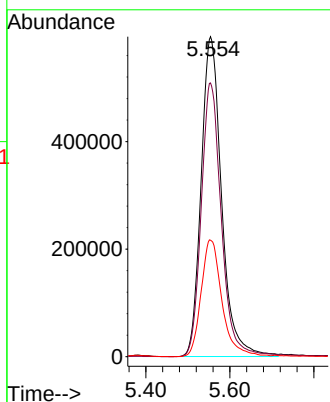
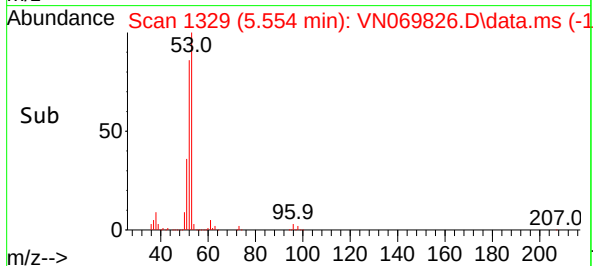
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion: 53 Resp: 201133
Ion Ratio Lower Upper
53 100
52 83.5 66.2 99.2
51 37.2 29.6 44.4

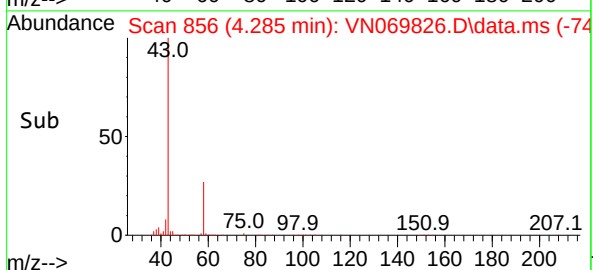
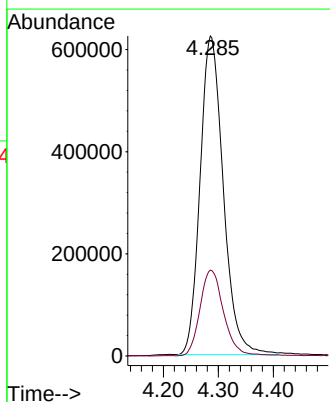
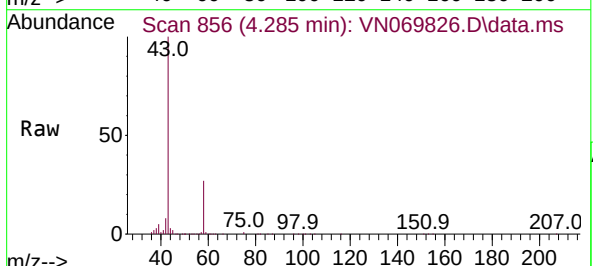
Manual Integrations
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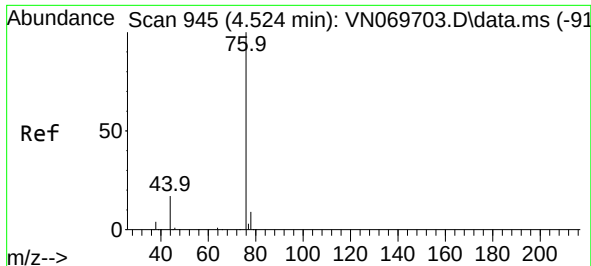
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#16
Acetone
Concen: 184.567 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

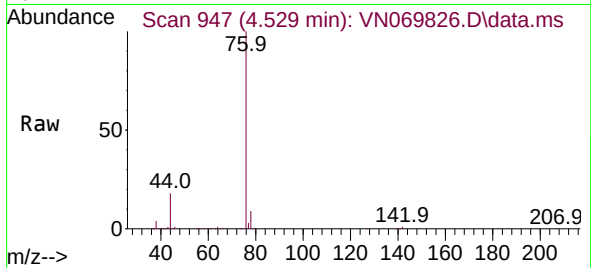
Tgt Ion: 43 Resp: 1831574
Ion Ratio Lower Upper
43 100
58 26.9 23.1 34.7





#17
Carbon Disulfide
Concen: 51.423 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

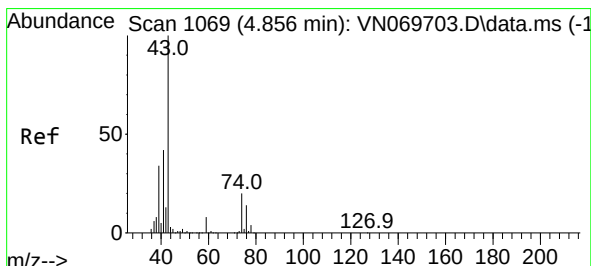
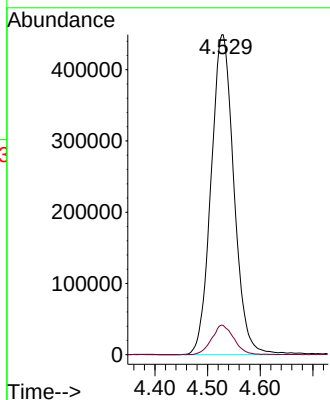
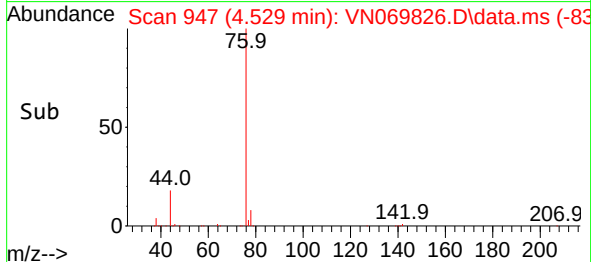
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



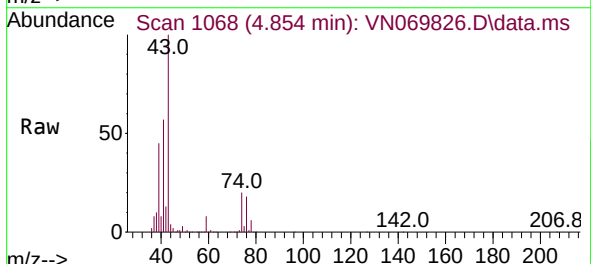
Tgt Ion: 76 Resp: 1352090
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
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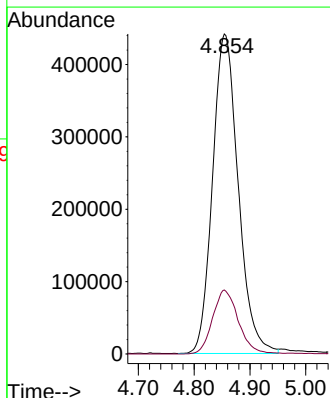
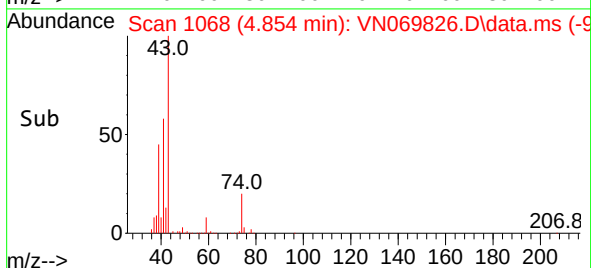
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

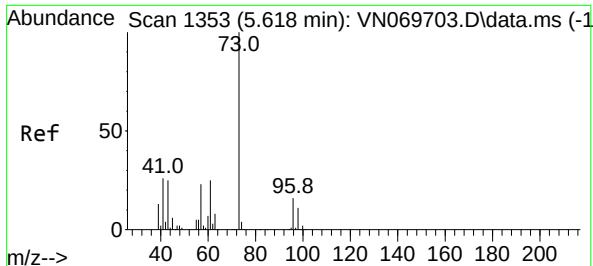


#18
Methyl Acetate
Concen: 47.134 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04



Tgt Ion: 43 Resp: 1411835
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 51.805 ug/l

RT: 5.616 min Scan# 11352

Delta R.T. -0.002 min

Lab File: VN069826.D

Acq: 7 Dec 2021 20:04

Instrument :

MSVOA_N

ClientSampleId :

RE137-20211204MSD

Tgt Ion: 73 Resp: 2050058

Ion Ratio Lower Upper

73 100

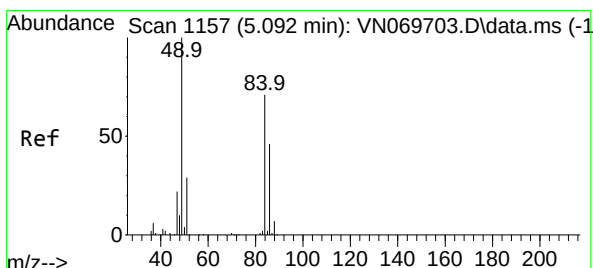
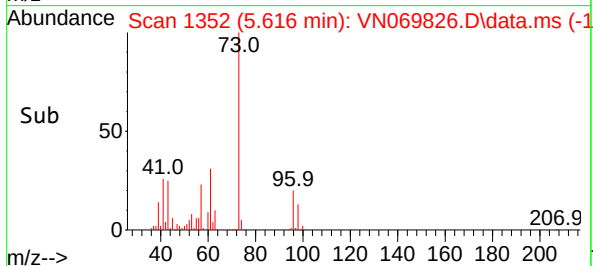
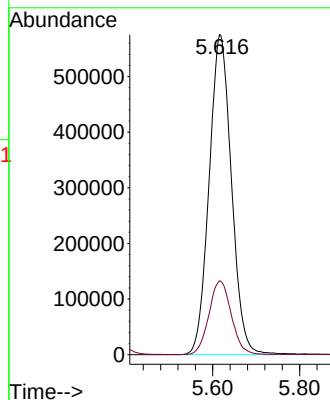
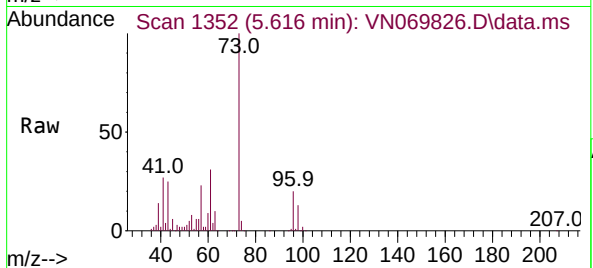
57 23.1 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#20

Methylene Chloride

Concen: 48.771 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069826.D

Acq: 7 Dec 2021 20:04

Tgt Ion: 84 Resp: 643404

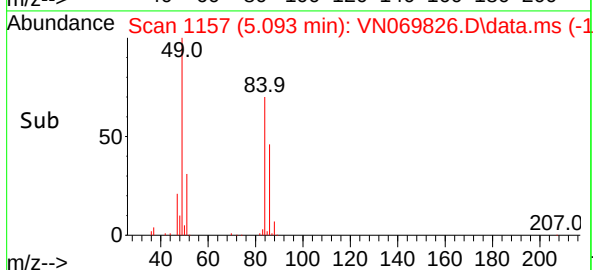
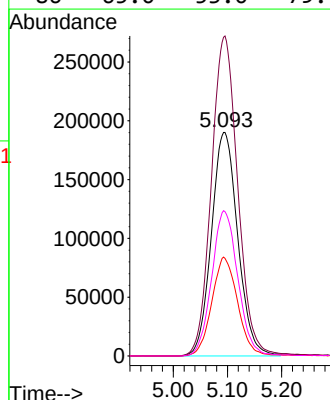
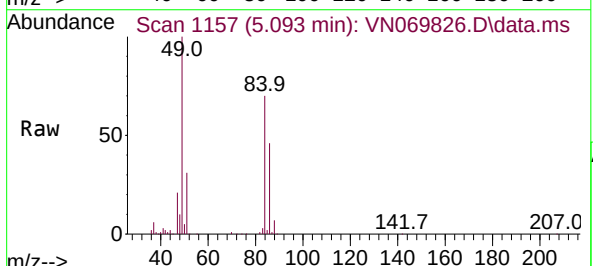
Ion Ratio Lower Upper

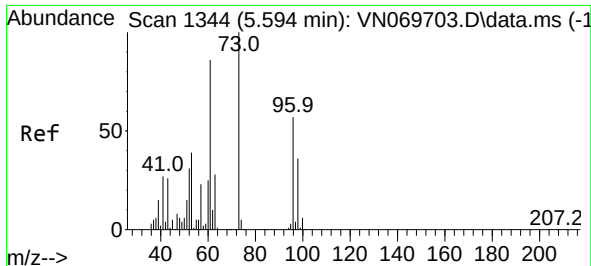
84 100

49 142.5 93.5 140.3#

51 44.3 29.4 44.2#

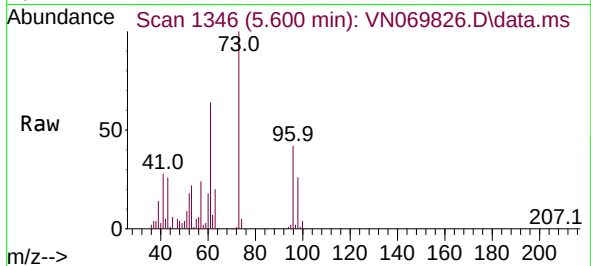
86 65.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 50.488 ug/l
RT: 5.600 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

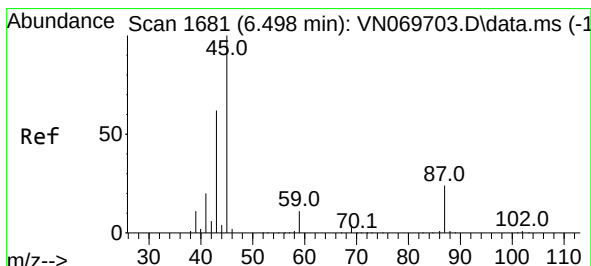
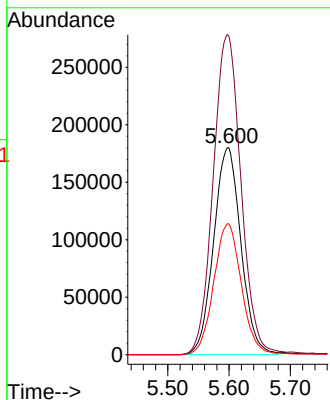
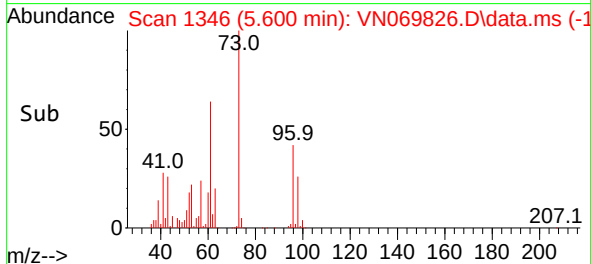
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



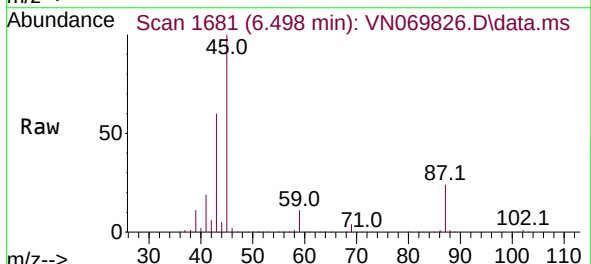
Tgt Ion: 96 Resp: 558108
Ion Ratio Lower Upper
96 100
61 154.0 105.8 158.6
98 63.2 52.0 78.0

Manual Integrations
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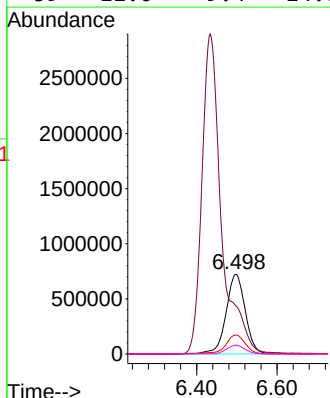
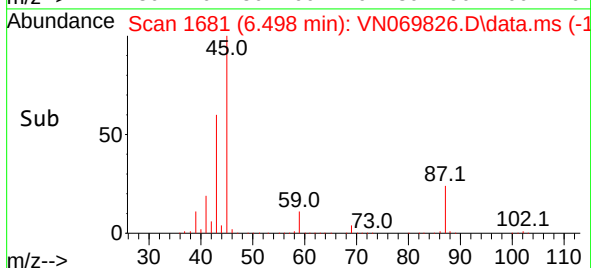
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

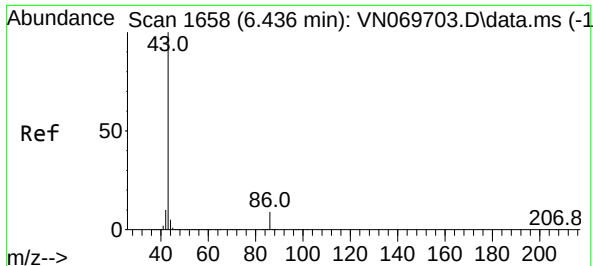


#22
Diisopropyl ether
Concen: 53.328 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04



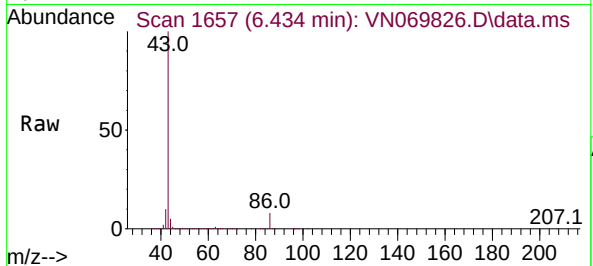
Tgt Ion: 45 Resp: 2390428
Ion Ratio Lower Upper
45 100
43 60.0 51.7 77.5
87 23.5 23.2 34.8
59 11.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 267.840 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.002 min
 Lab File: VN069826.D
 Acq: 7 Dec 2021 20:04

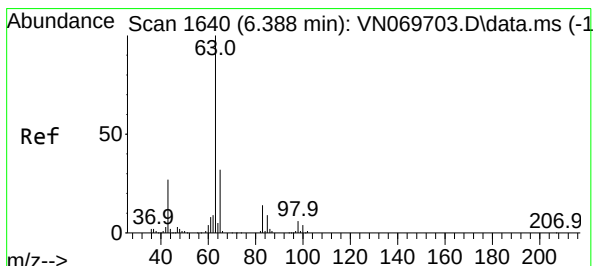
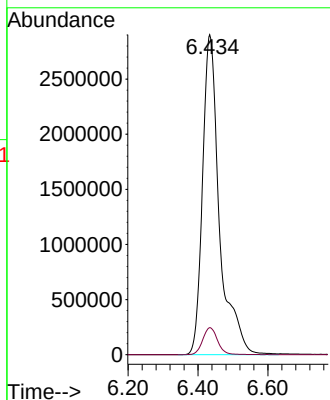
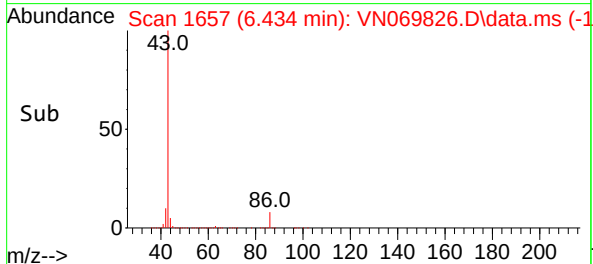
Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-20211204MSD



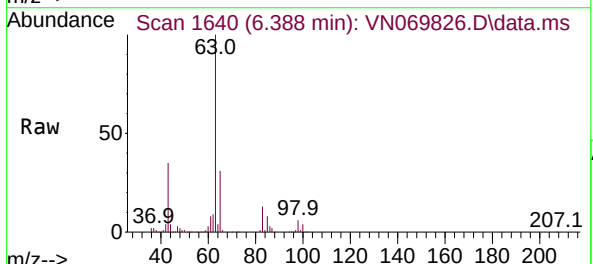
Tgt Ion: 43 Resp: 976747
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

Manual Integrations
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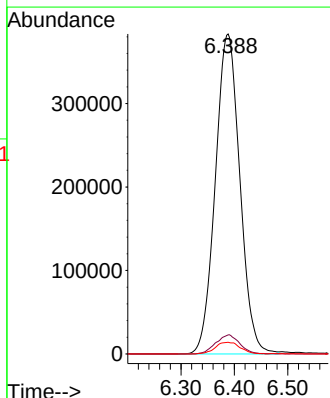
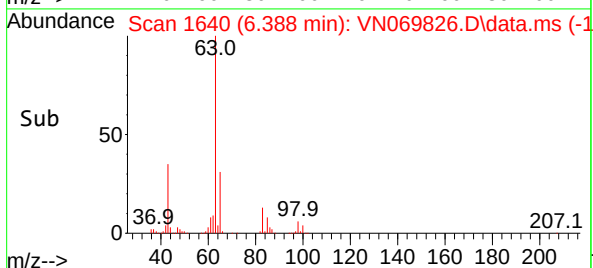
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021

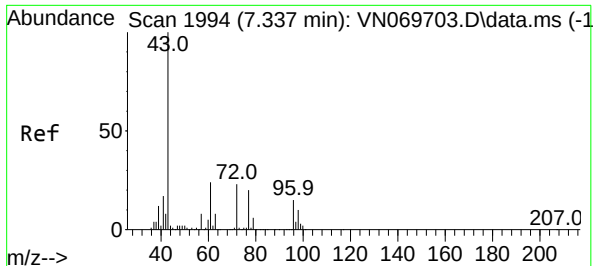


#24
 1,1-Dichloroethane
 Concen: 52.752 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069826.D
 Acq: 7 Dec 2021 20:04



Tgt Ion: 63 Resp: 1224891
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.7 2.1 6.5





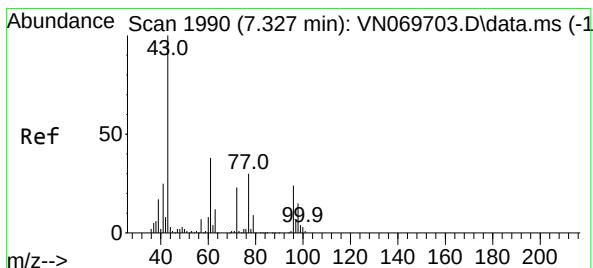
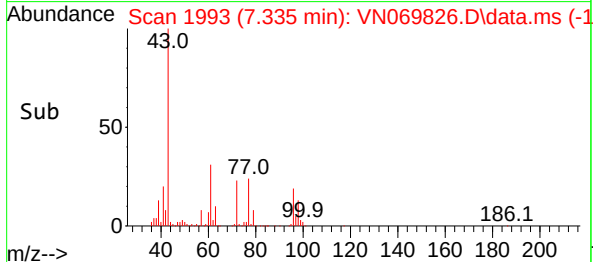
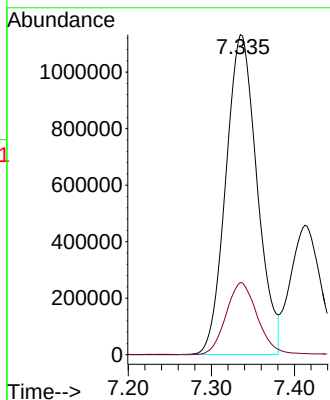
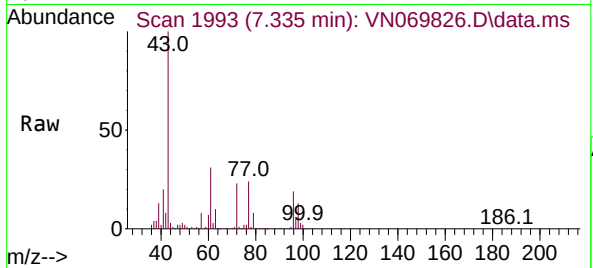
#25
2-Butanone
Concen: 219.214 ug/l
RT: 7.335 min Scan# 1994
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD

Tgt Ion: 43 Resp: 2955730
Ion Ratio Lower Upper
43 100
72 22.5 21.7 32.5

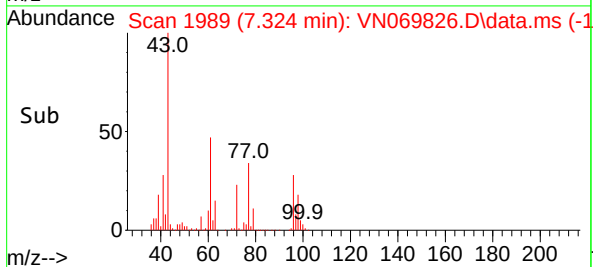
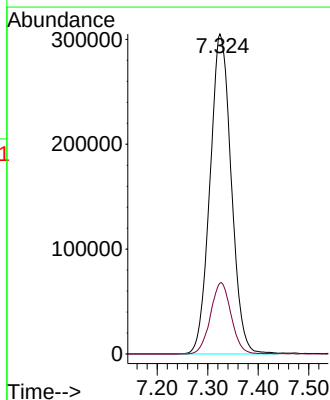
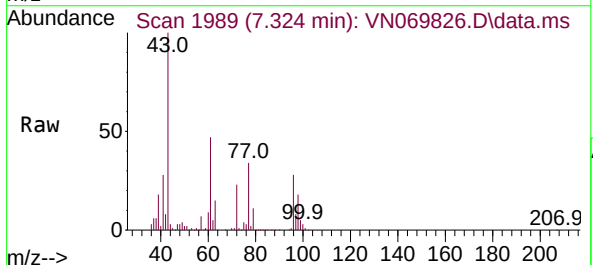
Manual Integrations
APPROVED

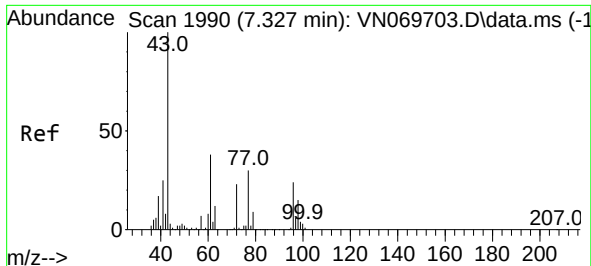
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#26
2,2-Dichloropropane
Concen: 49.454 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

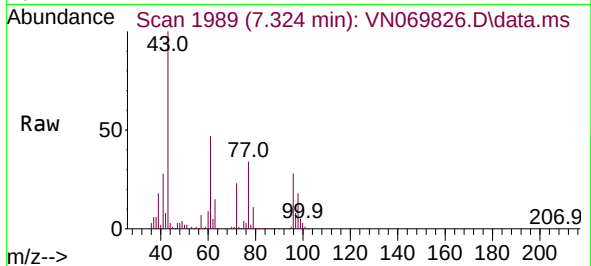
Tgt Ion: 77 Resp: 892817
Ion Ratio Lower Upper
77 100
97 21.6 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 51.035 ug/l
 RT: 7.324 min Scan# 1990
 Delta R.T. -0.002 min
 Lab File: VN069826.D
 Acq: 7 Dec 2021 20:04

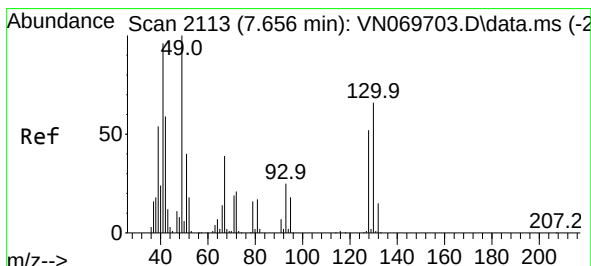
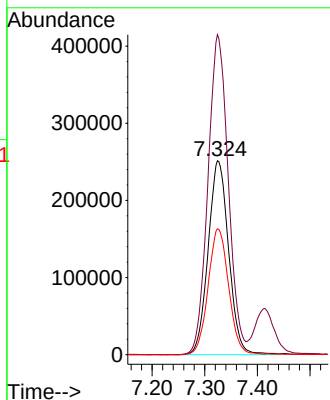
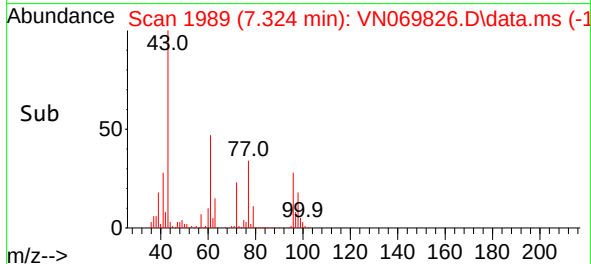
Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-20211204MSD



Tgt Ion: 96 Resp: 681602
 Ion Ratio Lower Upper
 96 100
 61 163.1 0.0 275.0
 98 64.9 0.0 129.6

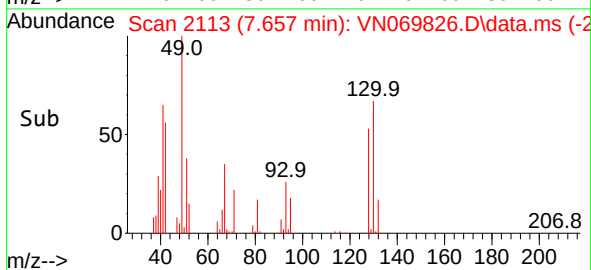
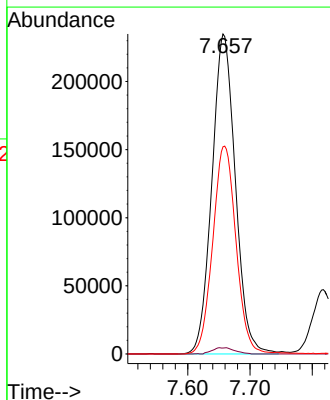
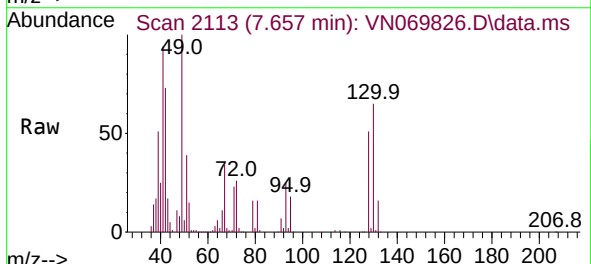
Manual Integrations
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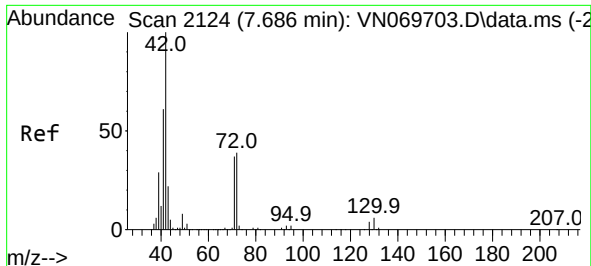
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#28
 Bromochloromethane
 Concen: 50.883 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN069826.D
 Acq: 7 Dec 2021 20:04

Tgt Ion: 49 Resp: 614392
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.0
 130 64.3 67.8 101.8#





#29

Tetrahydrofuran

Concen: 237.574 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.002 min

Lab File: VN069826.D

Acq: 7 Dec 2021 20:04

Instrument :

MSVOA_N

ClientSampleId :

RE137-20211204MSD

Tgt Ion: 42 Resp: 194511

Ion Ratio Lower Upper

42 100

72 37.3 36.3 54.5

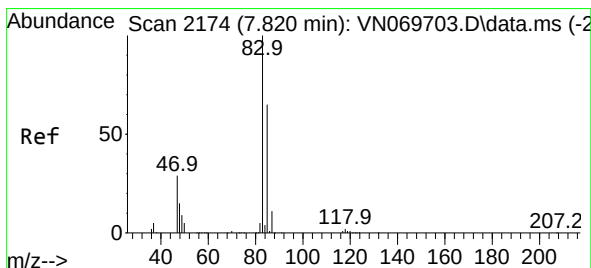
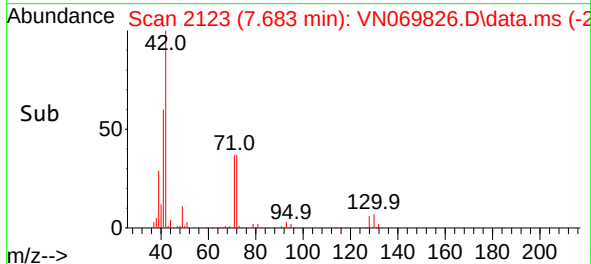
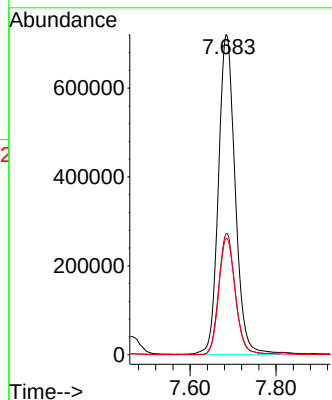
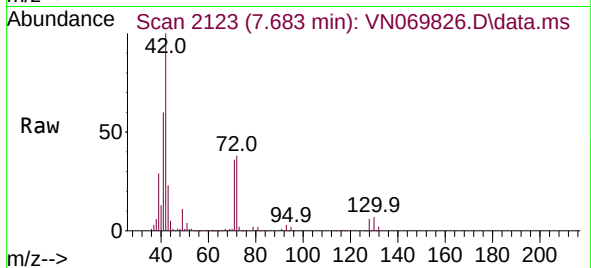
71 35.8 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#30

Chloroform

Concen: 51.847 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069826.D

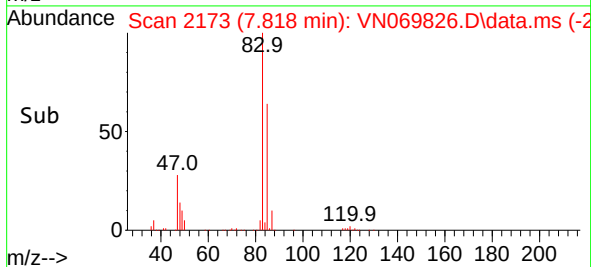
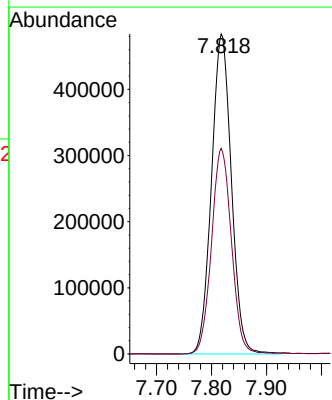
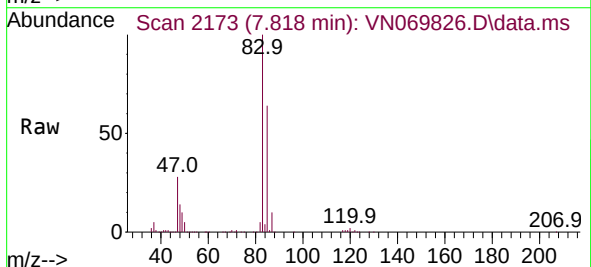
Acq: 7 Dec 2021 20:04

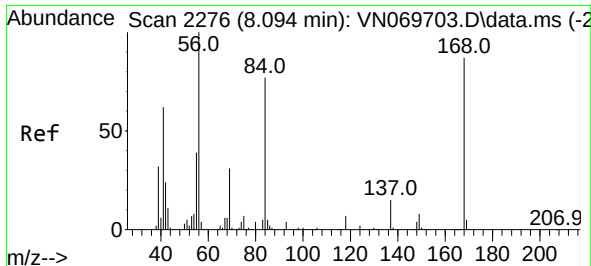
Tgt Ion: 83 Resp: 1215827

Ion Ratio Lower Upper

83 100

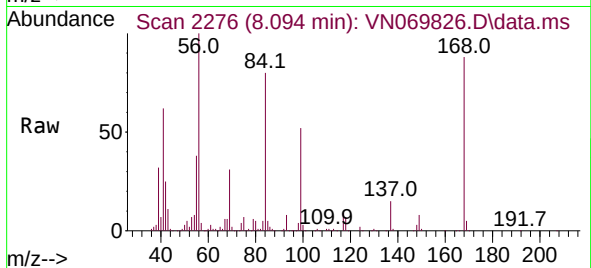
85 64.2 51.9 77.9





#31
Cyclohexane
Concen: 49.841 ug/l
RT: 8.094 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

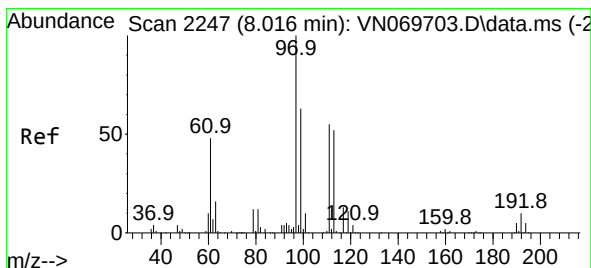
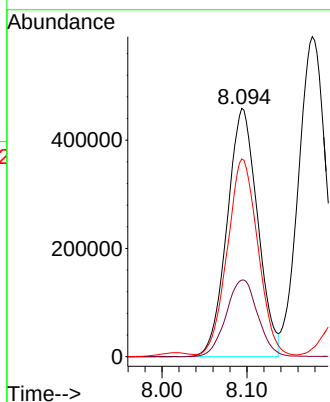
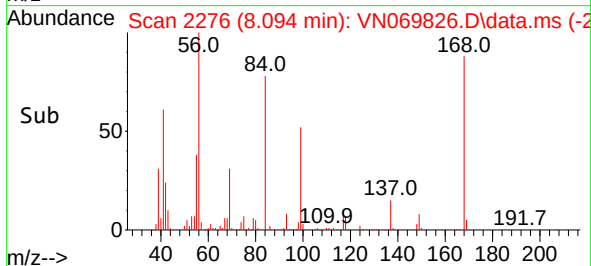
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion: 56 Resp: 1144244
Ion Ratio Lower Upper
56 100
69 30.9 27.1 40.7
84 78.1 73.4 110.0

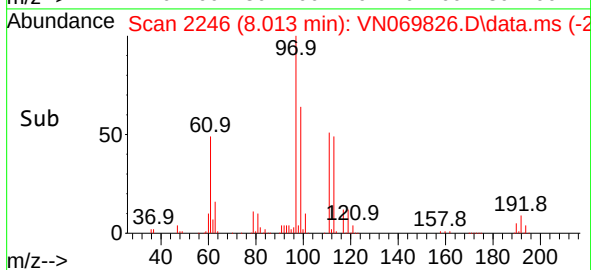
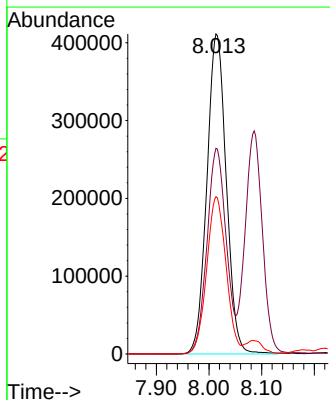
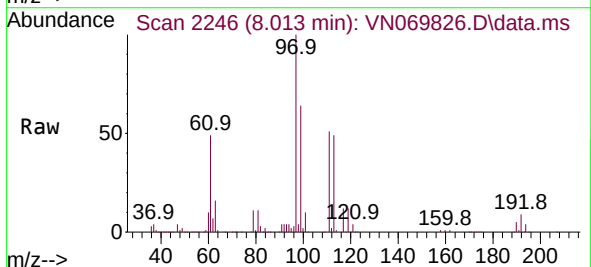
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APPROVED

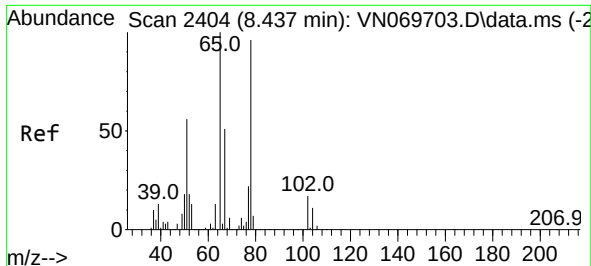
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#32
1,1,1-Trichloroethane
Concen: 52.735 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Tgt Ion: 97 Resp: 1053394
Ion Ratio Lower Upper
97 100
99 63.6 50.1 75.1
61 49.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.624 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069826.D

Acq: 7 Dec 2021 20:04

Instrument :

MSVOA_N

ClientSampleId :

RE137-20211204MSD

Tgt Ion: 65 Resp: 81864

Ion Ratio Lower Upper

65 100

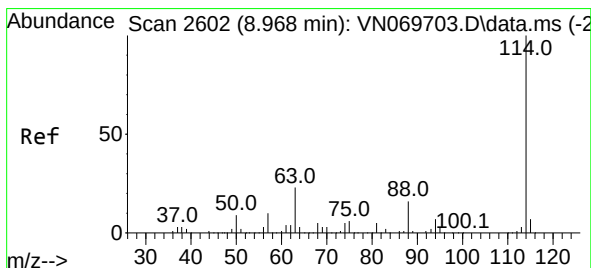
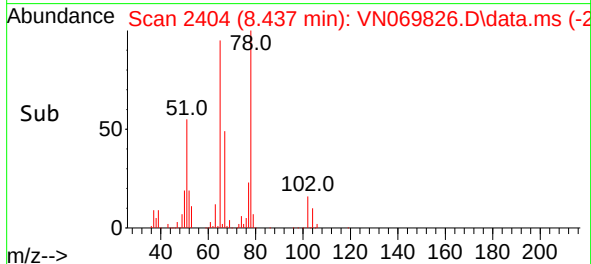
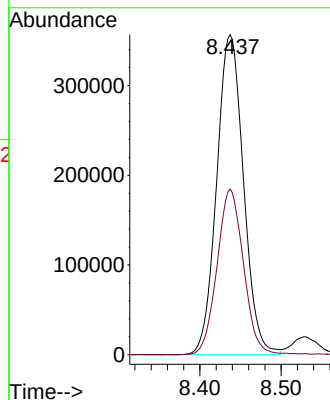
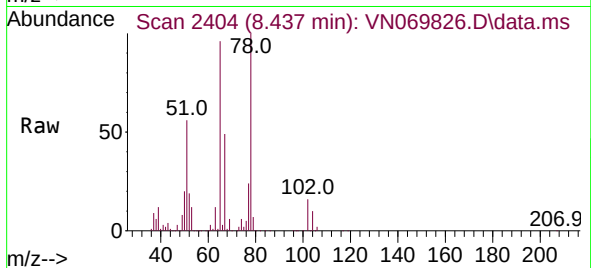
67 51.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069826.D

Acq: 7 Dec 2021 20:04

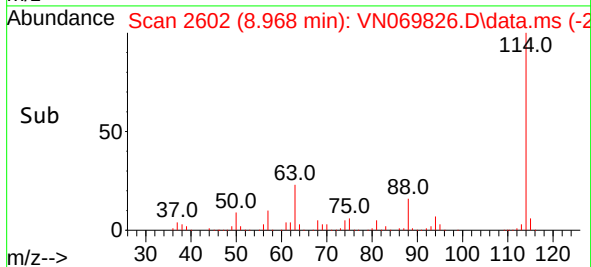
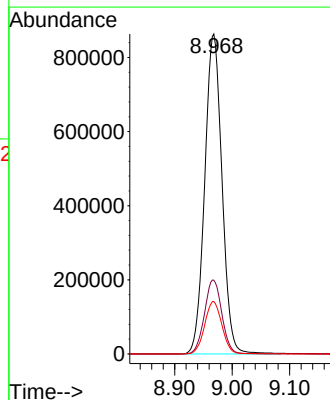
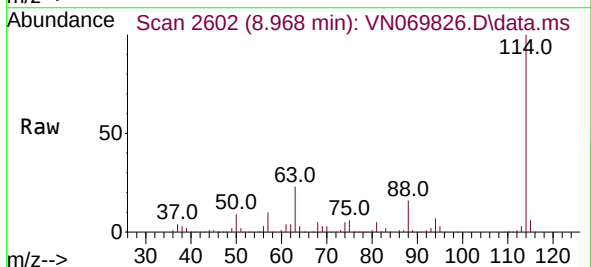
Tgt Ion:114 Resp: 1801217

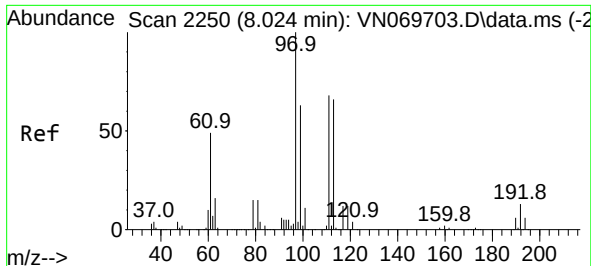
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

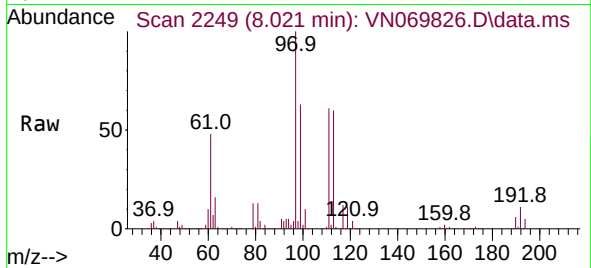
88 16.4 0.0 27.4





#35
 Dibromofluoromethane
 Concen: 49.495 ug/l
 RT: 8.021 min Scan# 2113
 Delta R.T. -0.002 min
 Lab File: VN069826.D
 Acq: 7 Dec 2021 20:04

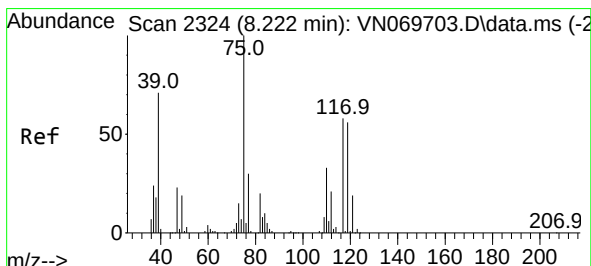
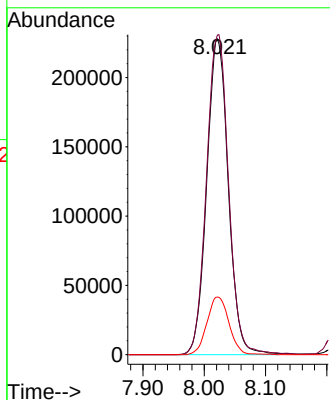
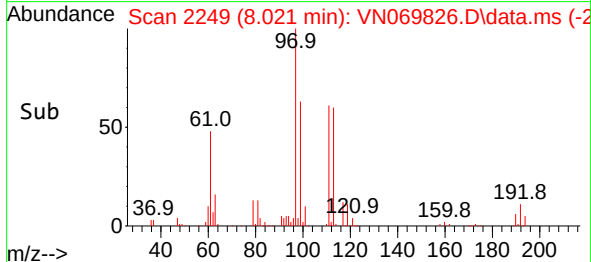
Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-20211204MSD



Tgt Ion: 113 Resp: 55842
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.2
 192 18.6 16.9 25.3

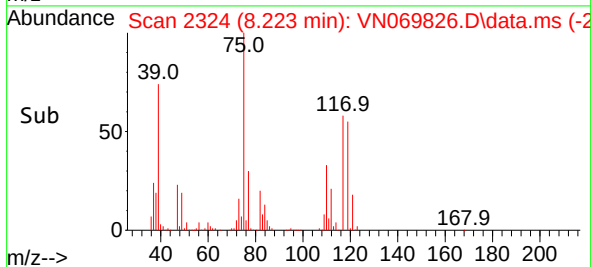
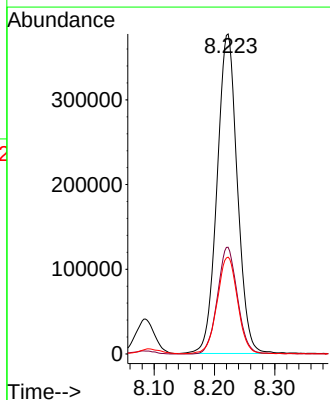
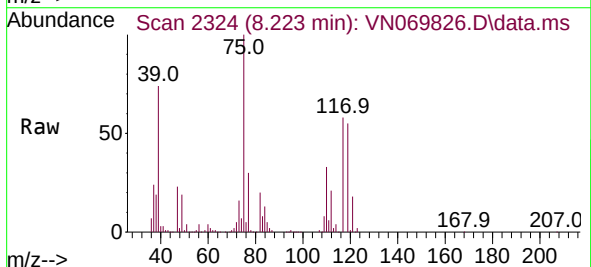
Manual Integrations
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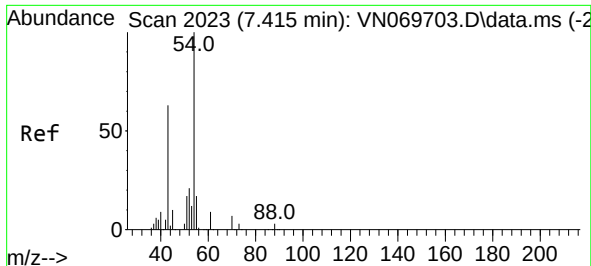
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#36
 1,1-Dichloropropene
 Concen: 51.321 ug/l
 RT: 8.223 min Scan# 2324
 Delta R.T. 0.000 min
 Lab File: VN069826.D
 Acq: 7 Dec 2021 20:04

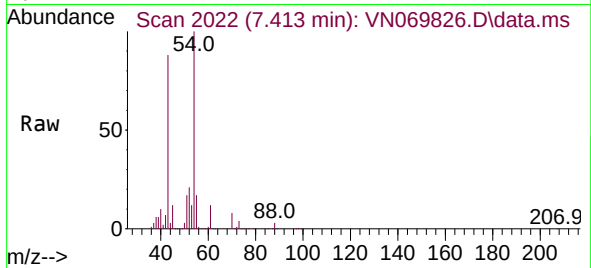
Tgt Ion: 75 Resp: 880008
 Ion Ratio Lower Upper
 75 100
 110 33.1 18.4 55.2
 77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 46.335 ug/l
RT: 7.413 min Scan# 2023
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

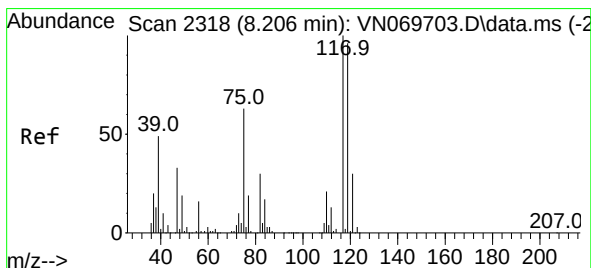
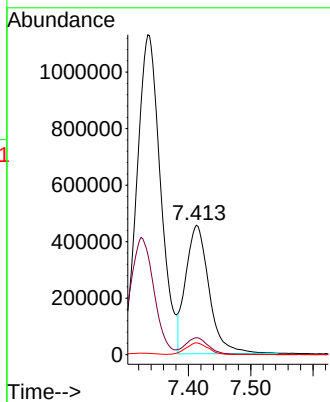
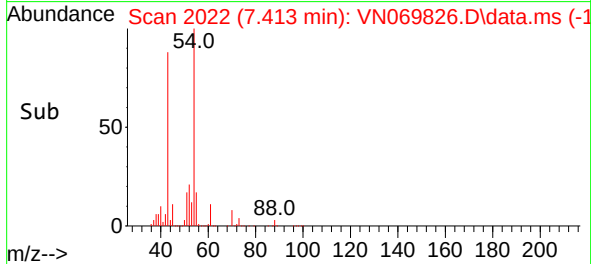
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion: 43 Resp: 1182530
Ion Ratio Lower Upper
43 100
61 12.4 11.5 17.3
70 8.6 7.9 11.9

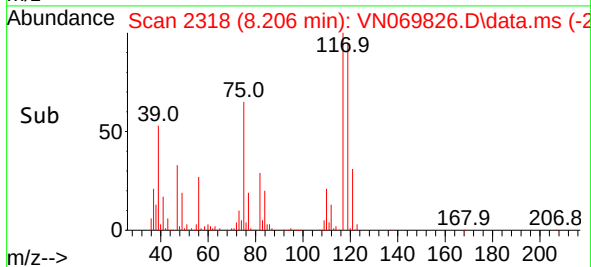
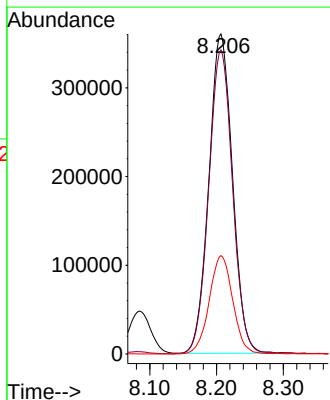
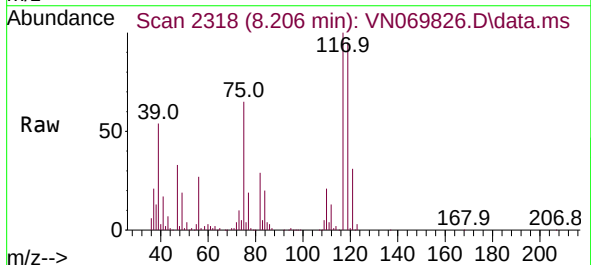
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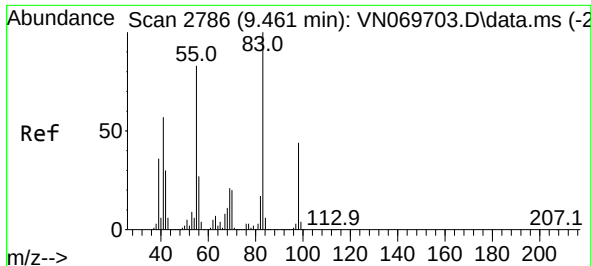
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#38
Carbon Tetrachloride
Concen: 52.748 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Tgt Ion:117 Resp: 886950
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 30.8 24.2 36.2





#39

Methylcyclohexane

Concen: 52.081 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069826.D

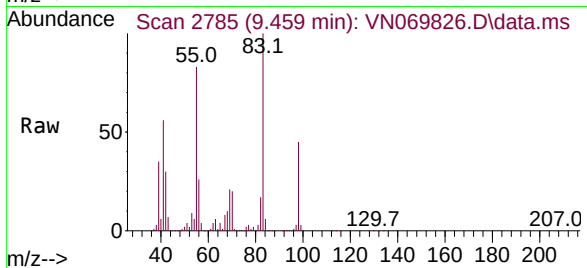
Acq: 7 Dec 2021 20:04

Instrument :

MSVOA_N

ClientSampleId :

RE137-20211204MSD



Tgt Ion: 83 Resp: 106225

Ion Ratio Lower Upper

83 100

55 82.7 58.1 87.1

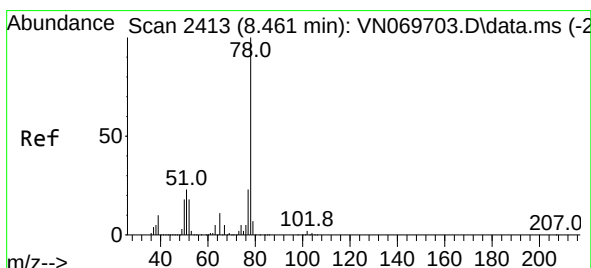
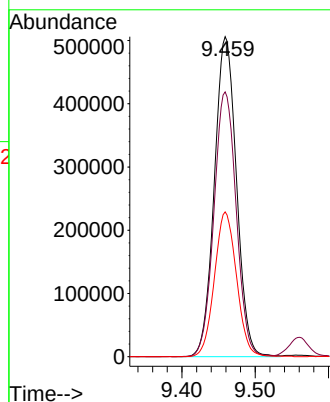
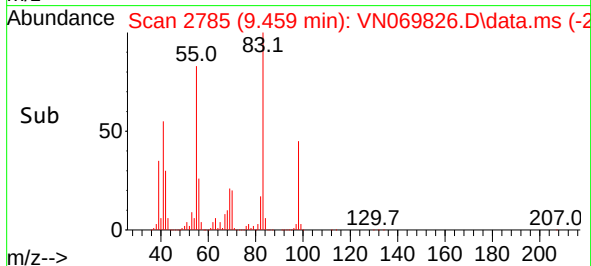
98 45.3 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#40

Benzene

Concen: 51.279 ug/l

RT: 8.459 min Scan# 2412

Delta R.T. -0.002 min

Lab File: VN069826.D

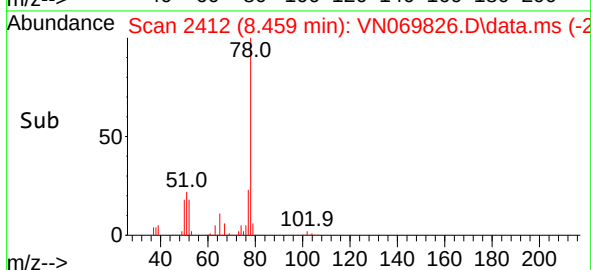
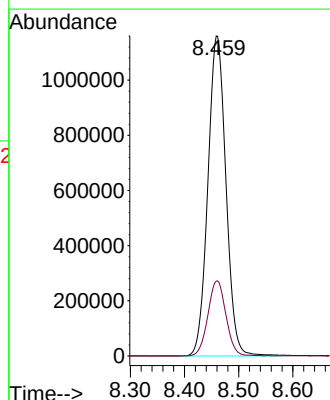
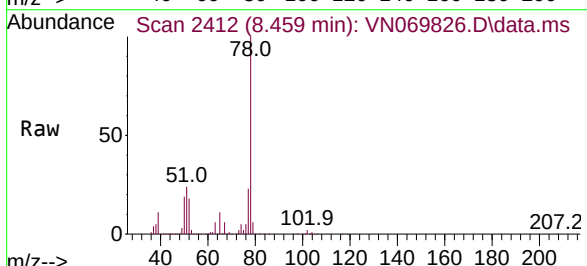
Acq: 7 Dec 2021 20:04

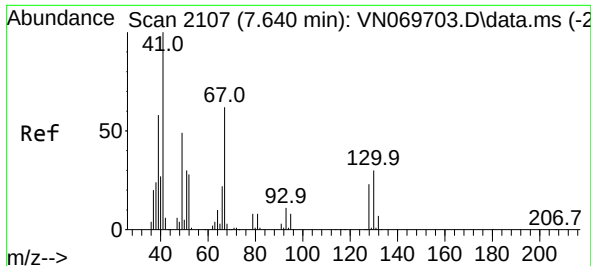
Tgt Ion: 78 Resp: 2687633

Ion Ratio Lower Upper

78 100

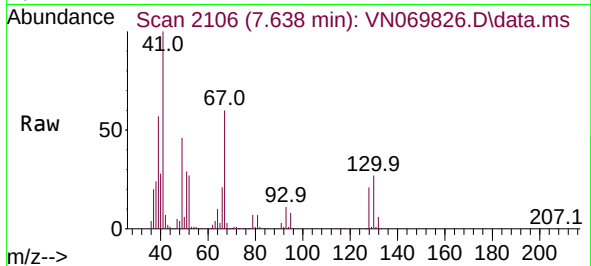
77 23.4 18.6 27.8





#41
Methacrylonitrile
Concen: 49.986 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

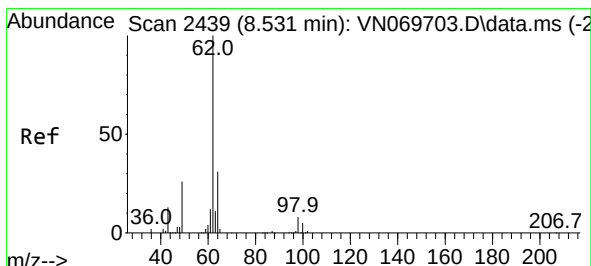
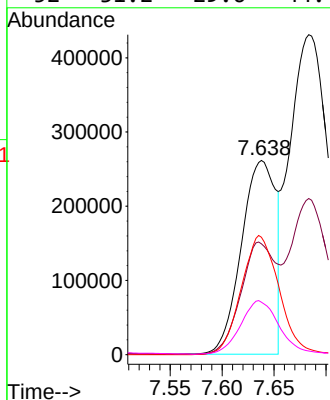
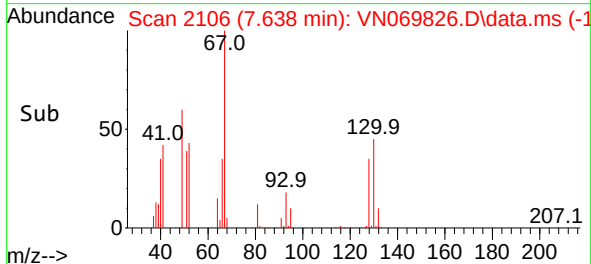
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion: 41 Resp: 59885
Ion Ratio Lower Upper
41 100
39 60.5 48.1 72.1
67 68.7 68.3 102.5
52 31.2 29.6 44.4

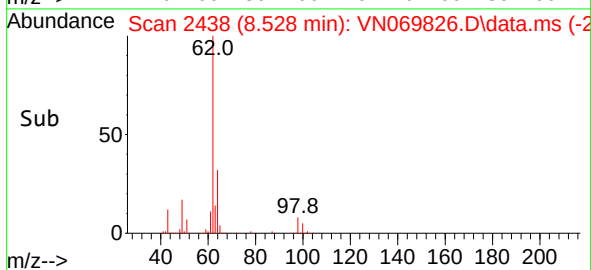
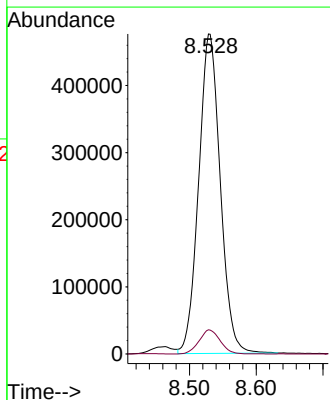
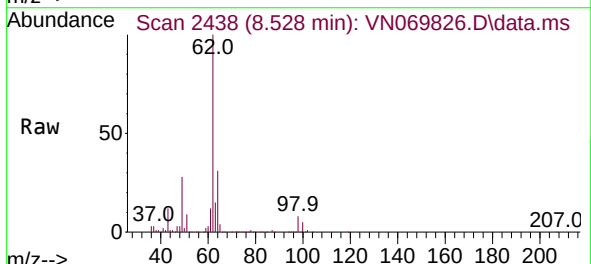
Manual Integrations
APPROVED

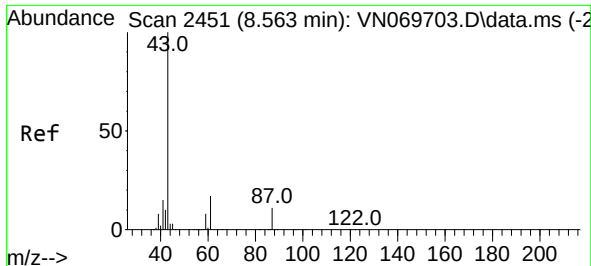
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#42
1,2-Dichloroethane
Concen: 50.632 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

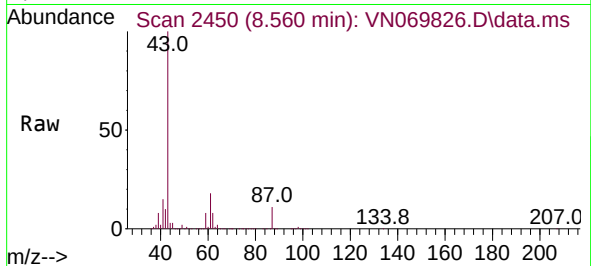
Tgt Ion: 62 Resp: 1071238
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 49.640 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

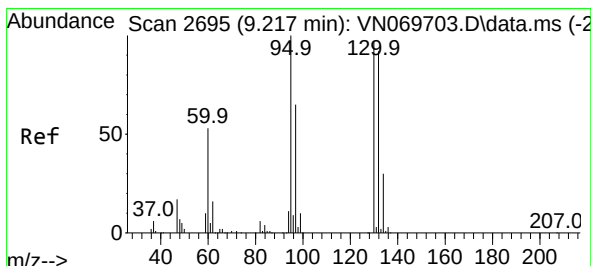
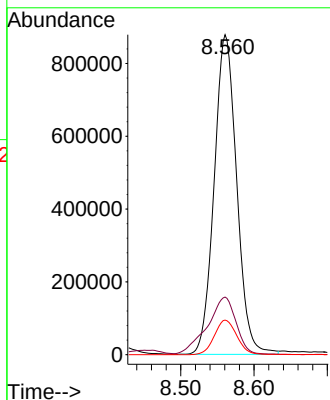
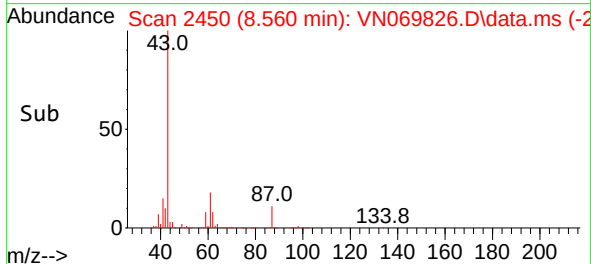
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion: 43 Resp: 187475
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 10.8 11.2 16.8

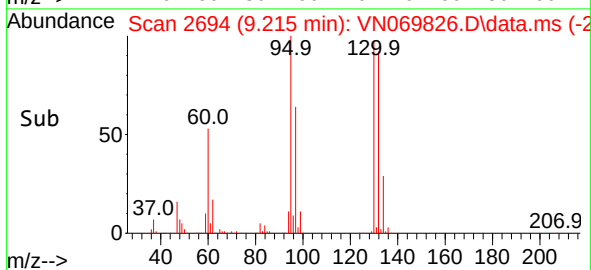
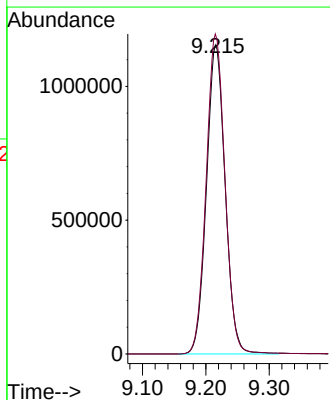
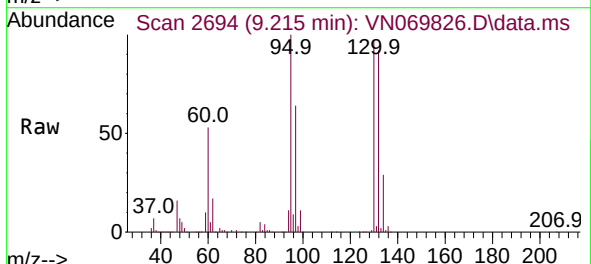
Manual Integrations
APPROVED

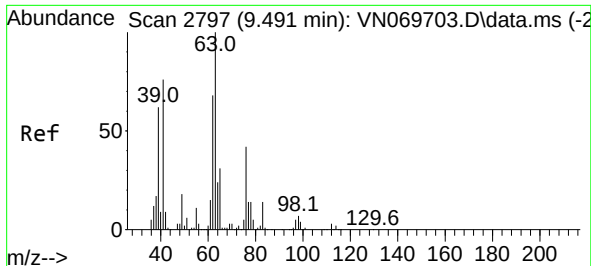
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#44
Trichloroethene
Concen: 189.341 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Tgt Ion:130 Resp: 2368578
Ion Ratio Lower Upper
130 100
95 103.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 51.852 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069826.D

Acq: 7 Dec 2021 20:04

Instrument :

MSVOA_N

ClientSampleId :

RE137-20211204MSD

Tgt Ion: 63 Resp: 72978

Ion Ratio Lower Upper

63 100

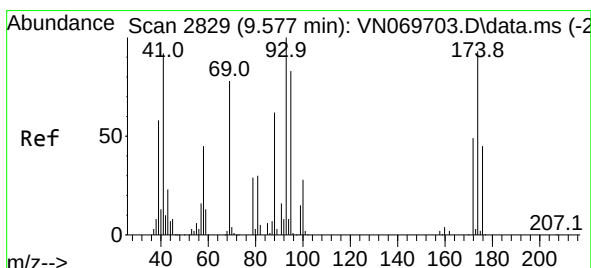
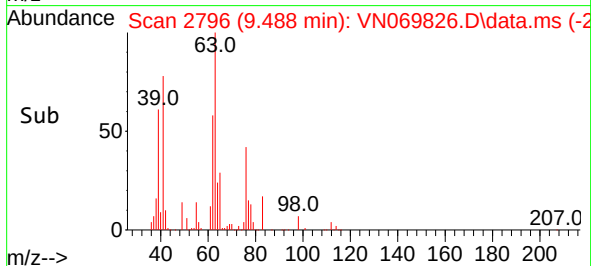
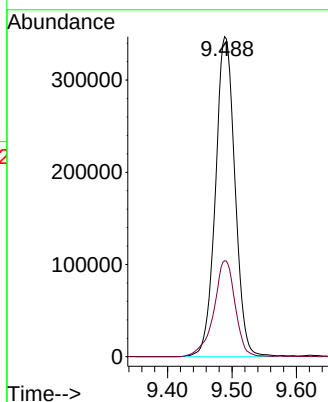
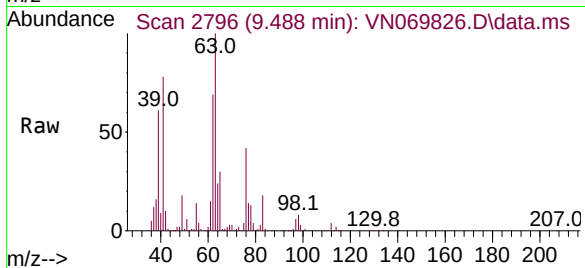
65 30.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#46

Dibromomethane

Concen: 50.586 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069826.D

Acq: 7 Dec 2021 20:04

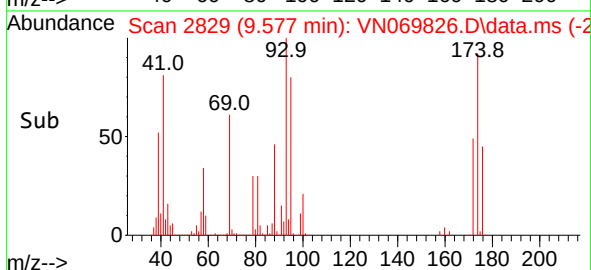
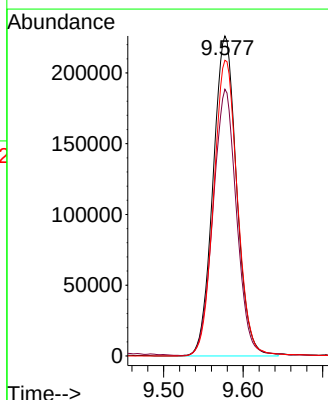
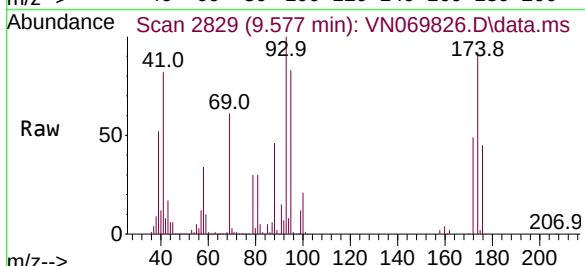
Tgt Ion: 93 Resp: 466932

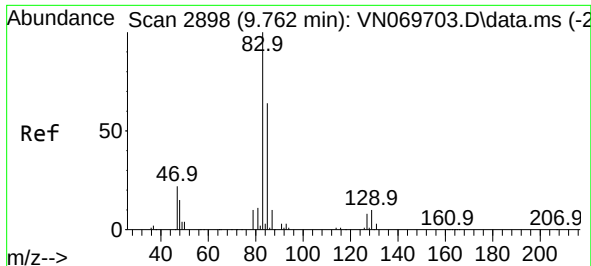
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

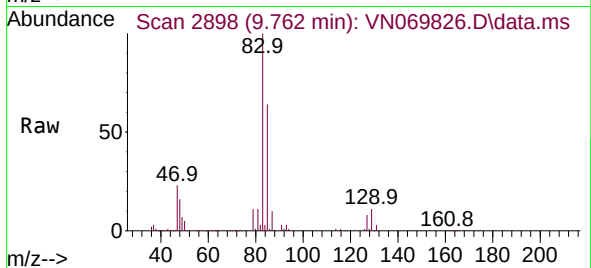
174 93.2 84.6 127.0





#47
Bromodichloromethane
Concen: 53.337 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

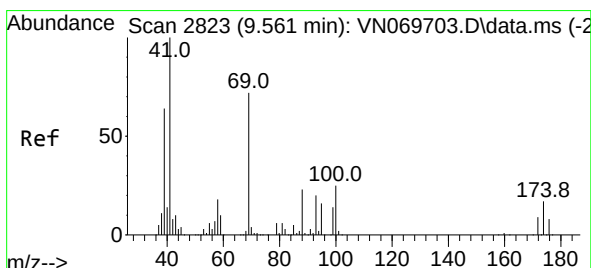
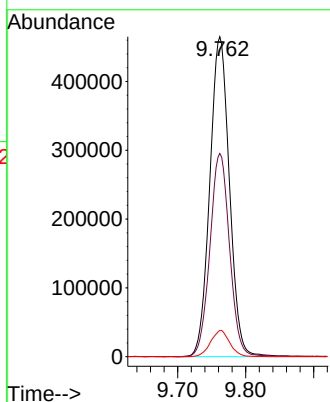
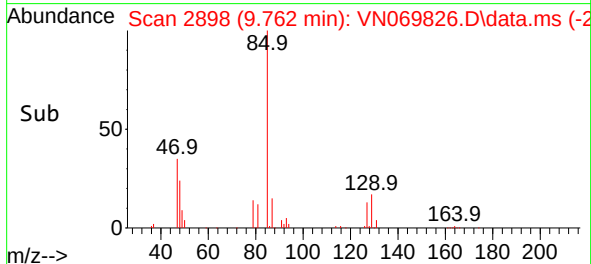
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion: 83 Resp: 932150
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 8.2 7.1 10.7

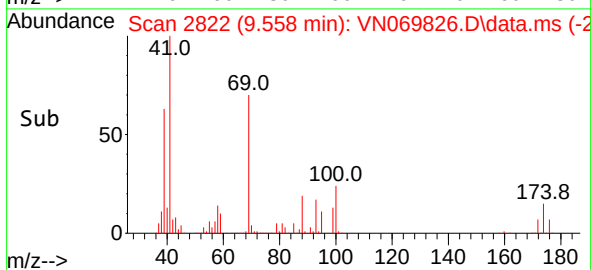
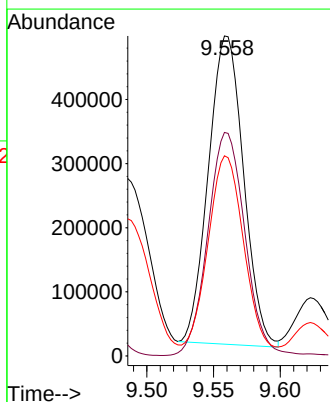
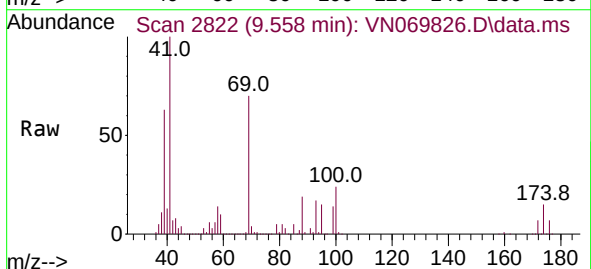
Manual Integrations
APPROVED

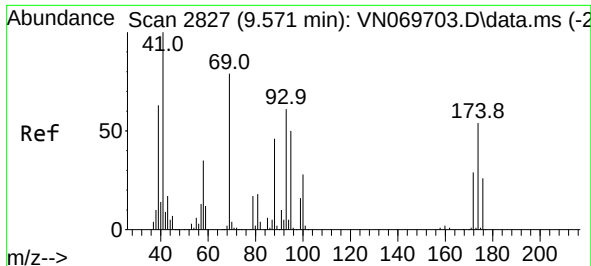
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#48
Methyl methacrylate
Concen: 49.955 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

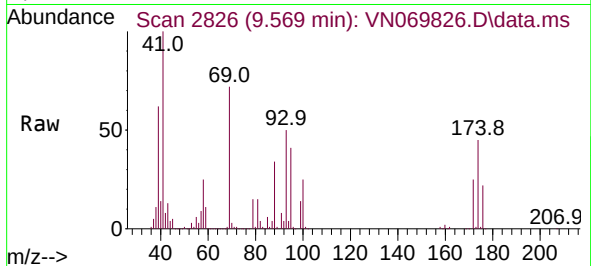
Tgt Ion: 41 Resp: 880462
Ion Ratio Lower Upper
41 100
69 76.5 72.4 108.6
39 67.2 58.4 87.6





#49
1,4-Dioxane
Concen: 844.346 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

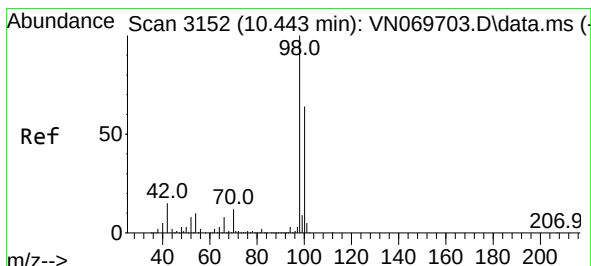
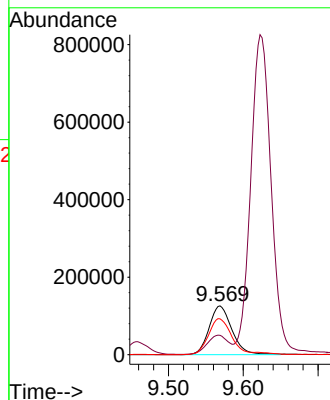
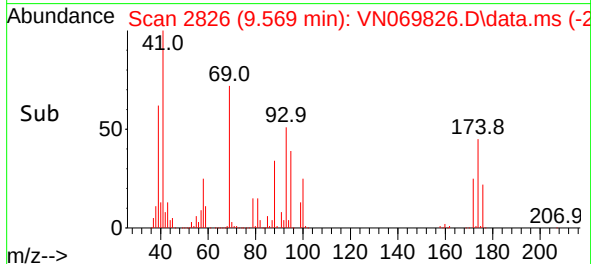
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion: 88 Resp: 26702
Ion Ratio Lower Upper
88 100
43 36.0 23.4 35.2
58 74.3 50.6 75.8

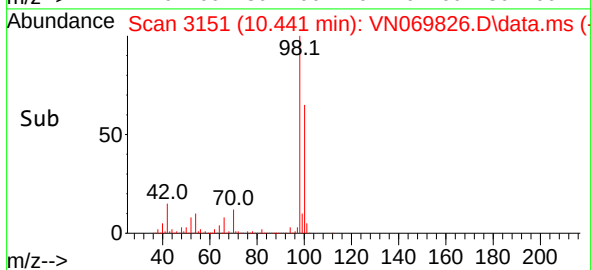
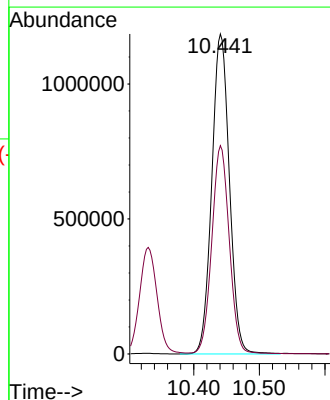
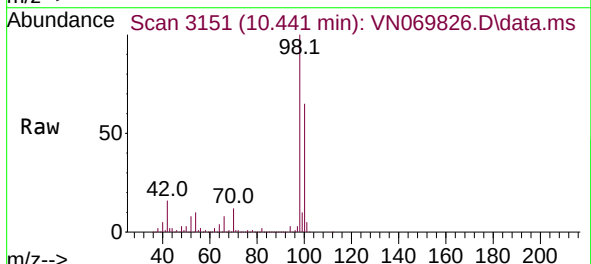
Manual Integrations
APPROVED

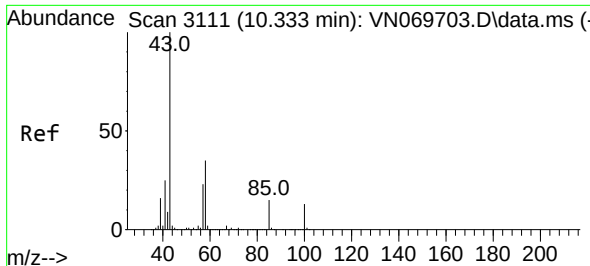
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#50
Toluene-d8
Concen: 48.799 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Tgt Ion: 98 Resp: 2210727
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





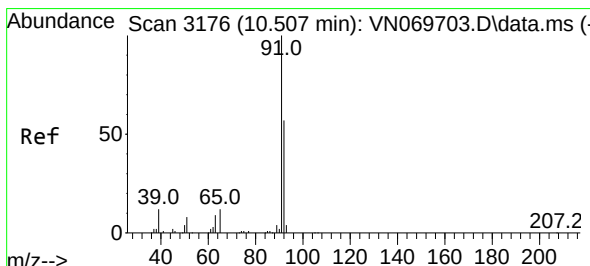
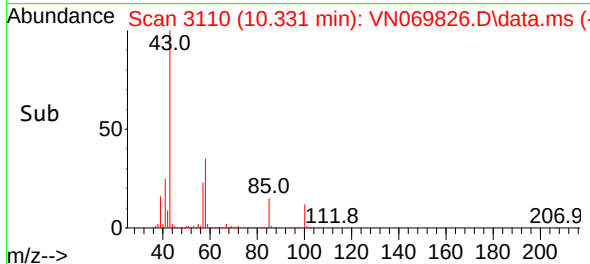
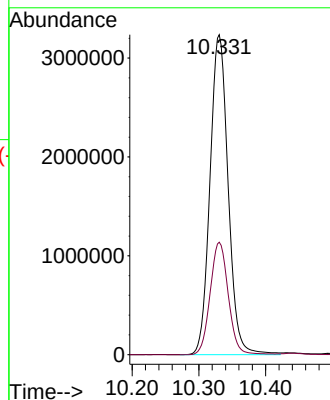
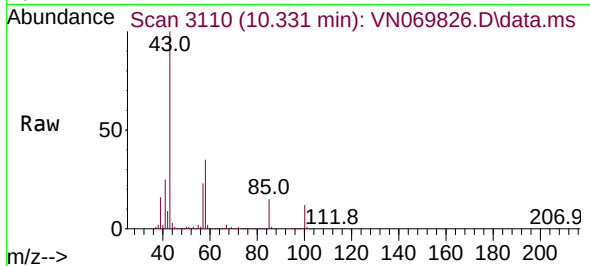
#51
4-Methyl-2-Pentanone
Concen: 249.543 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD

Tgt Ion: 43 Resp: 611394
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

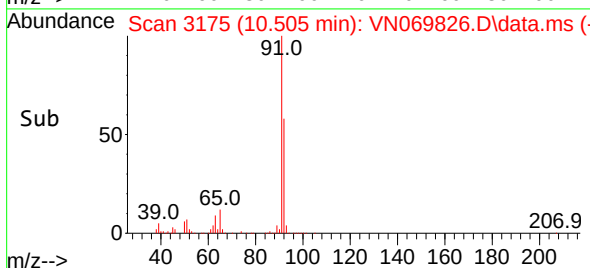
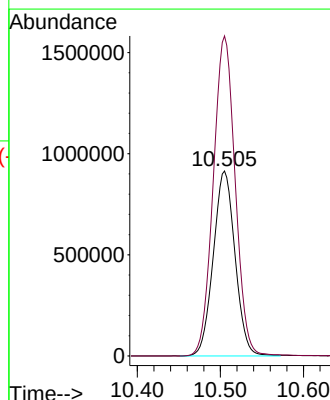
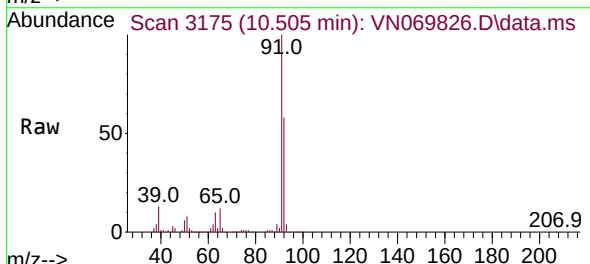
Manual Integrations
APPROVED

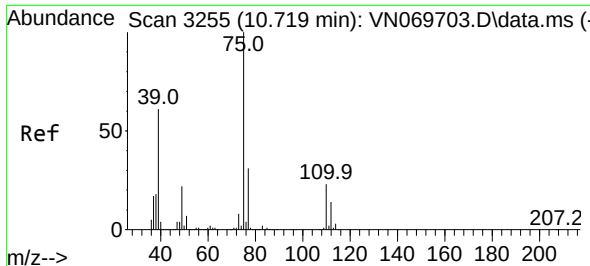
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#52
Toluene
Concen: 51.959 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

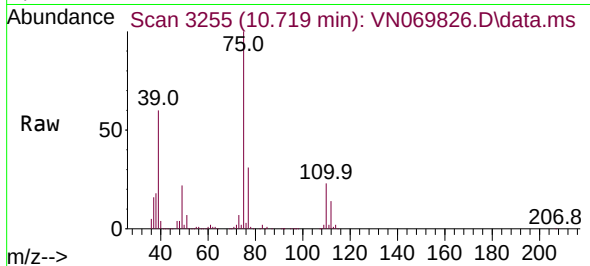
Tgt Ion: 92 Resp: 1662599
Ion Ratio Lower Upper
92 100
91 175.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 47.594 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

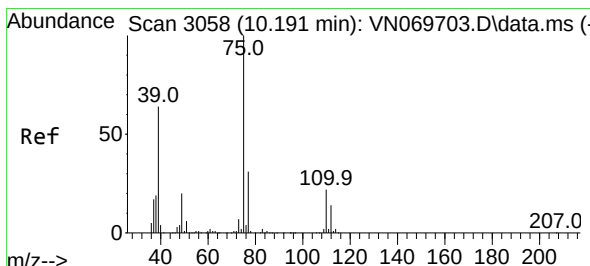
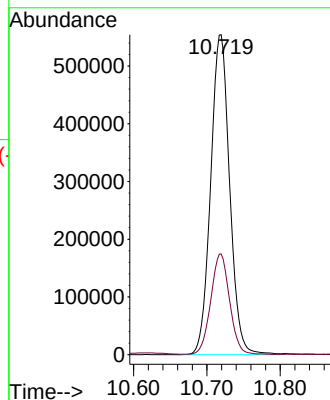
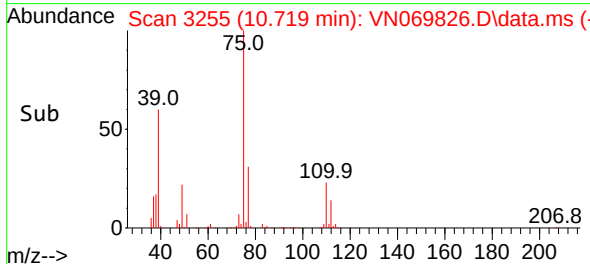
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



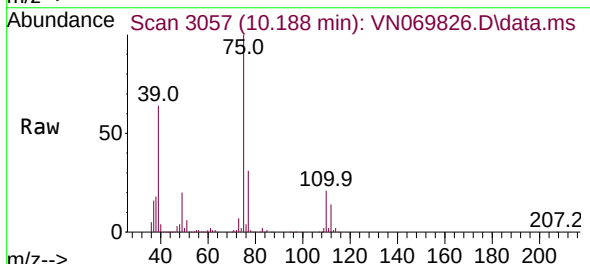
Tgt Ion: 75 Resp: 997572
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

Manual Integrations
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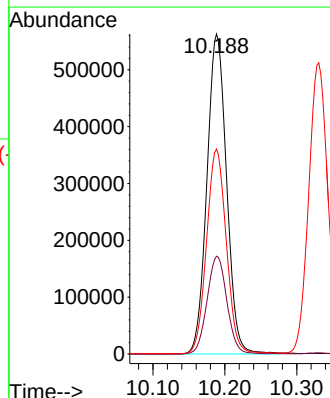
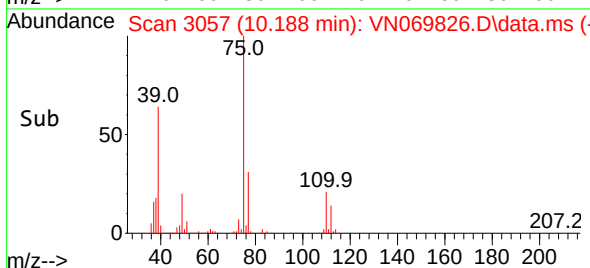
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

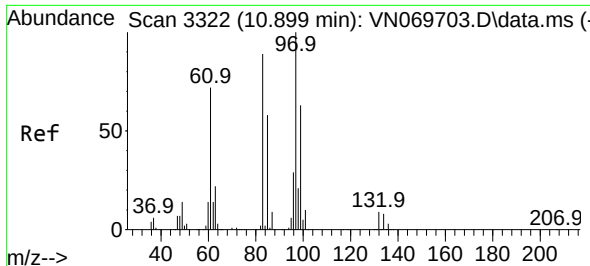


#54
cis-1,3-Dichloropropene
Concen: 48.610 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04



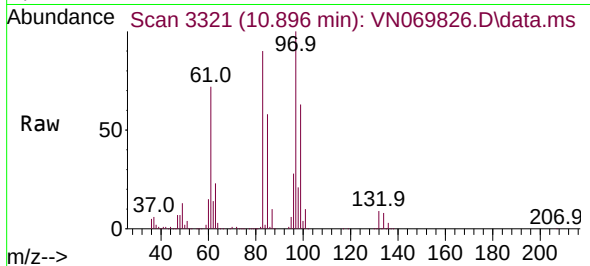
Tgt Ion: 75 Resp: 1071229
Ion Ratio Lower Upper
75 100
77 30.5 26.4 39.6
39 64.0 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 51.258 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

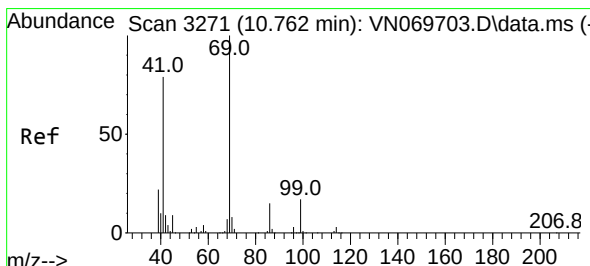
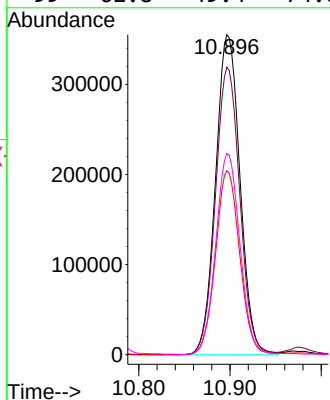
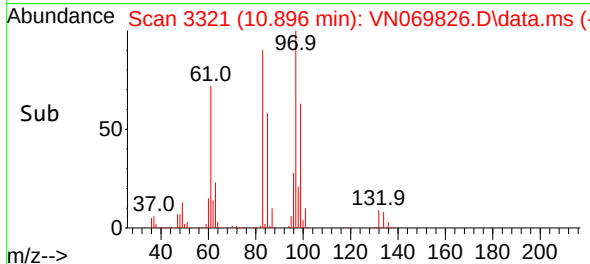
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



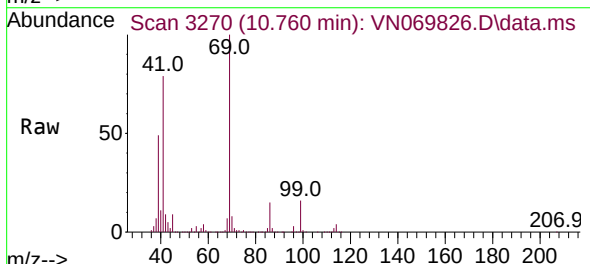
Tgt Ion: 97 Resp: 661779
Ion Ratio Lower Upper
97 100
83 89.9 67.8 101.6
85 57.5 45.4 68.2
99 62.8 49.4 74.0

Manual Integrations
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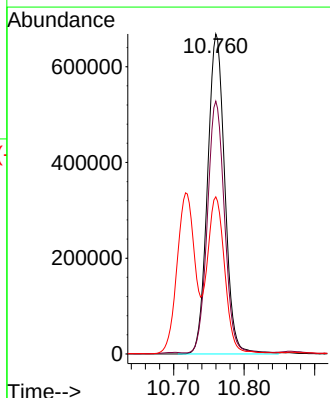
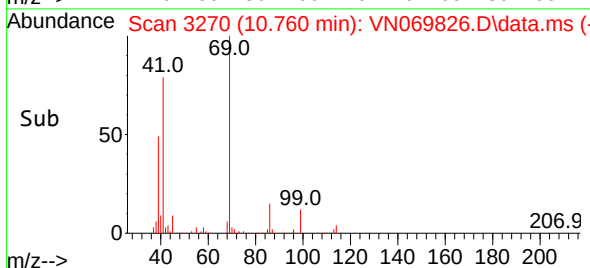
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

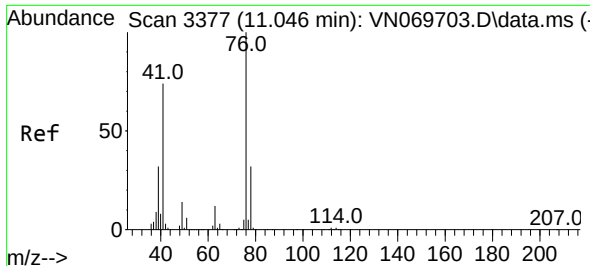


#56
Ethyl methacrylate
Concen: 46.819 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04



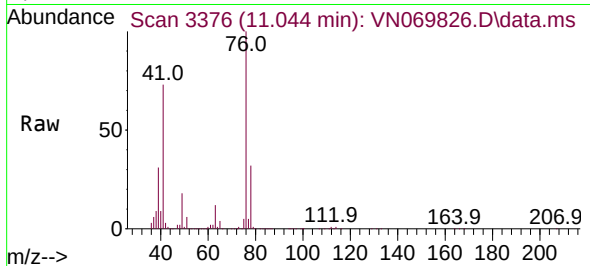
Tgt Ion: 69 Resp: 1136831
Ion Ratio Lower Upper
69 100
41 77.9 51.4 77.0#
39 47.5 34.6 52.0





#57
1,3-Dichloropropane
Concen: 51.714 ug/l
RT: 11.044 min Scan# 311
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

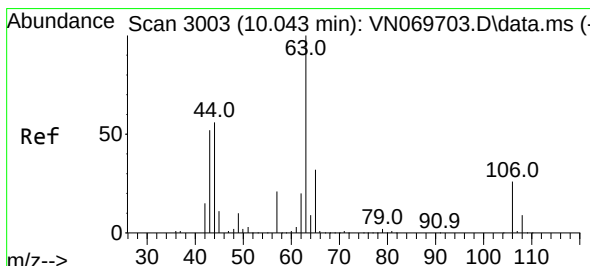
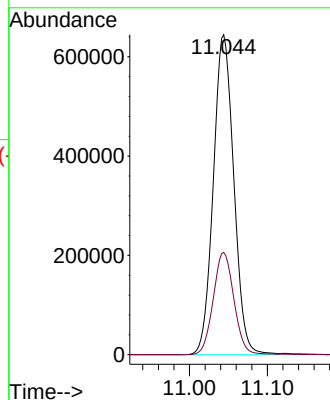
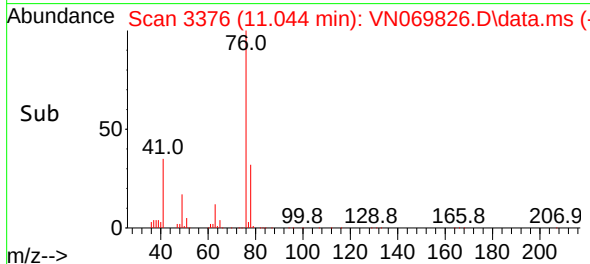
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion: 76 Resp: 1175620
Ion Ratio Lower Upper
76 100
78 32.4 25.7 38.5

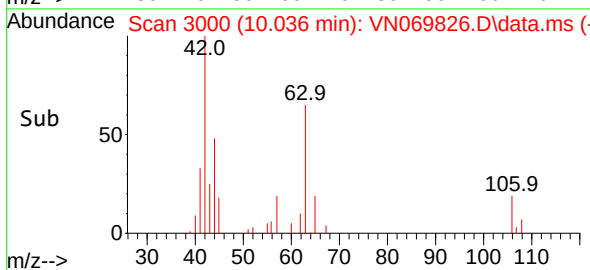
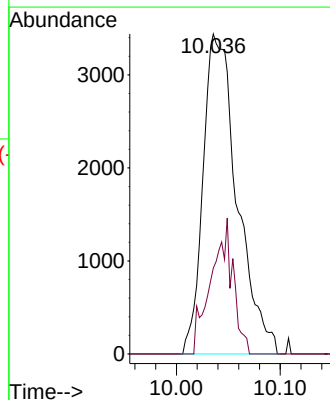
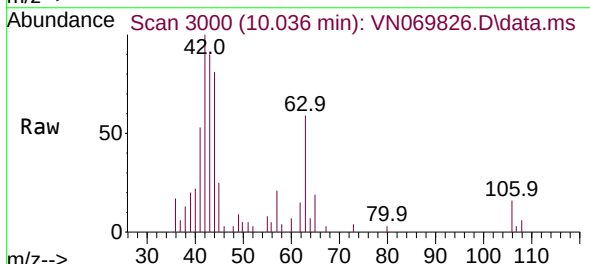
Manual Integrations
APPROVED

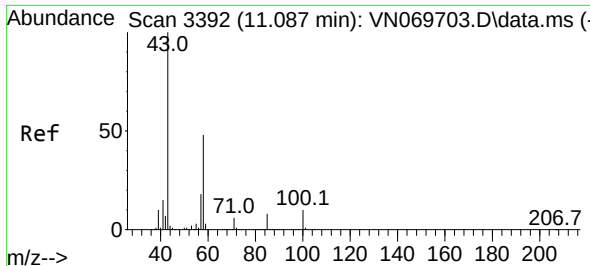
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#58
2-Chloroethyl Vinyl ether
Concen: 19.494 ug/l
RT: 10.036 min Scan# 3000
Delta R.T. -0.007 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

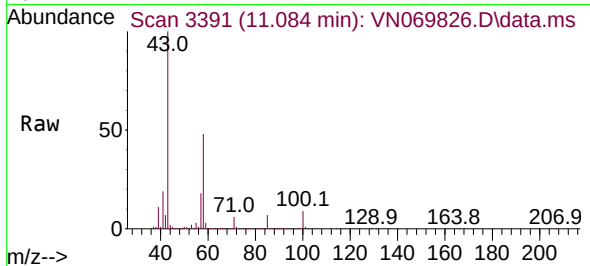
Tgt Ion: 63 Resp: 7844
Ion Ratio Lower Upper
63 100
106 27.2 23.9 35.9





#59
2-Hexanone
Concen: 234.592 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

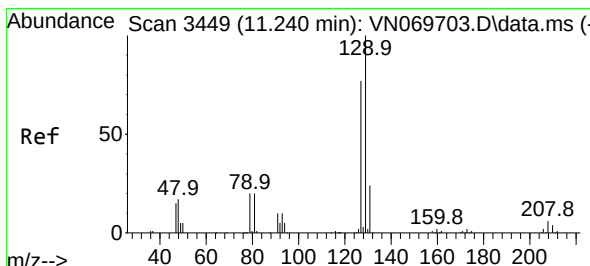
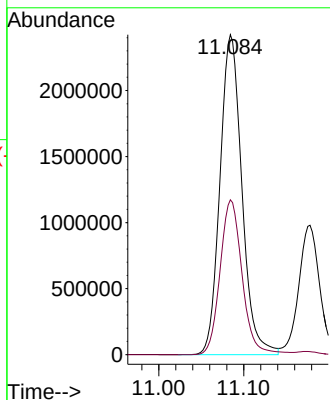
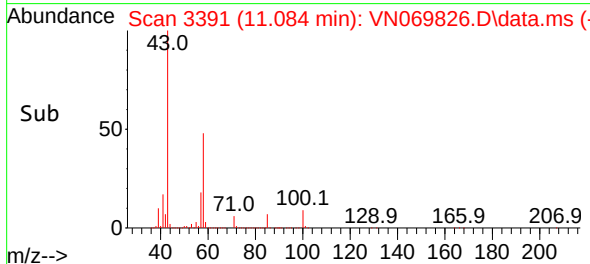
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion: 43 Resp: 434791
Ion Ratio Lower Upper
43 100
58 48.7 26.9 80.7

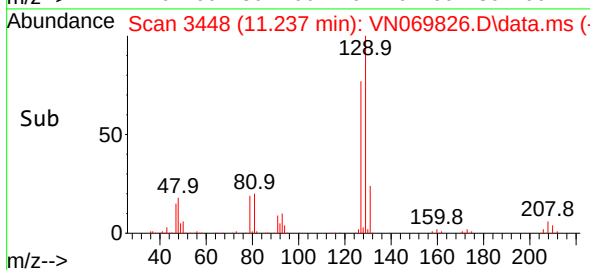
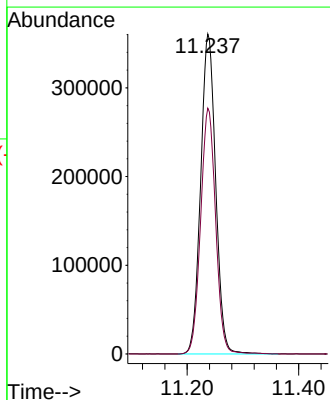
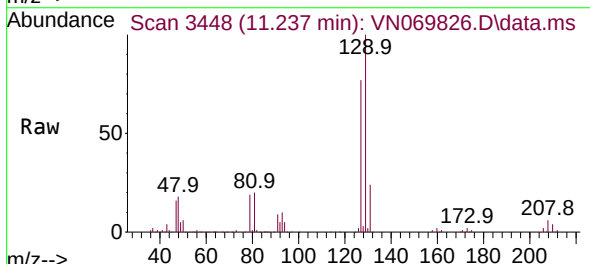
Manual Integrations
APPROVED

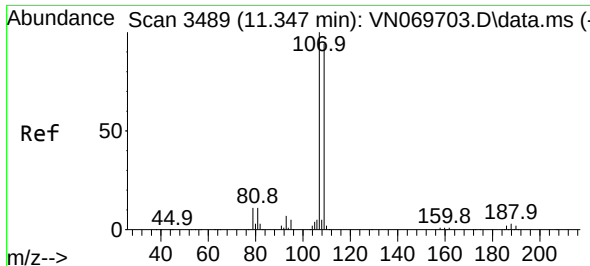
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#60
Dibromochloromethane
Concen: 48.837 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

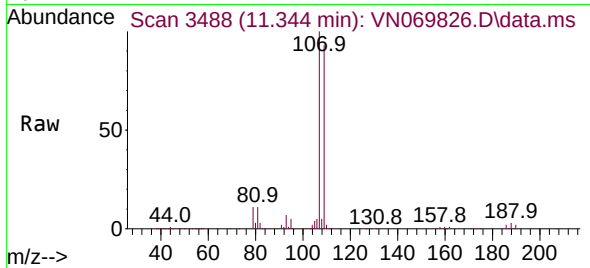
Tgt Ion:129 Resp: 674764
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.348 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

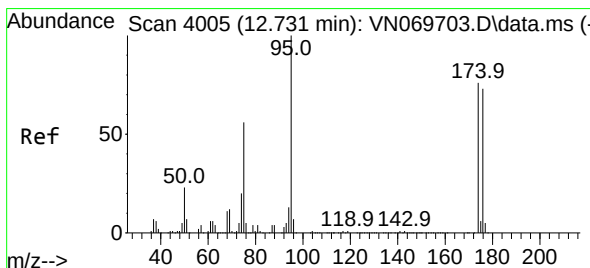
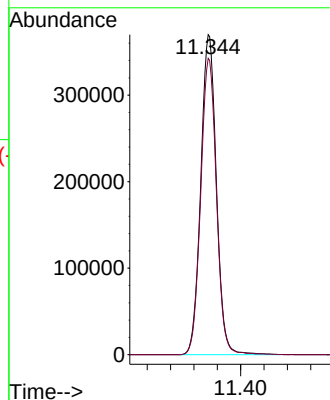
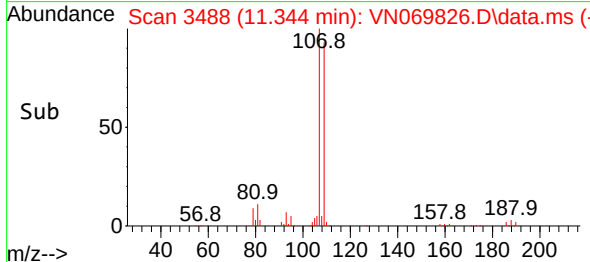
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion:107 Resp: 68664
Ion Ratio Lower Upper
107 100
109 93.0 75.7 113.5

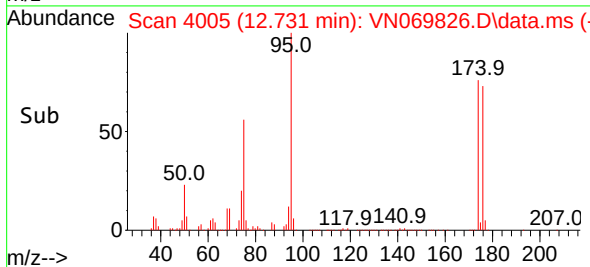
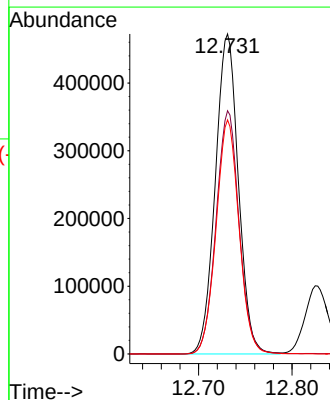
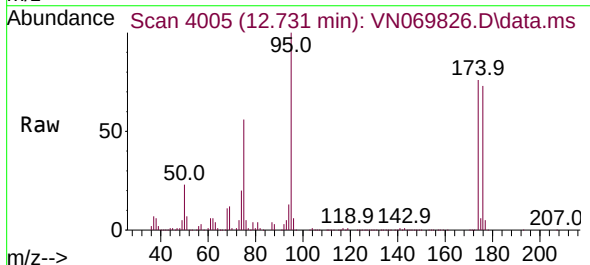
Manual Integrations
APPROVED

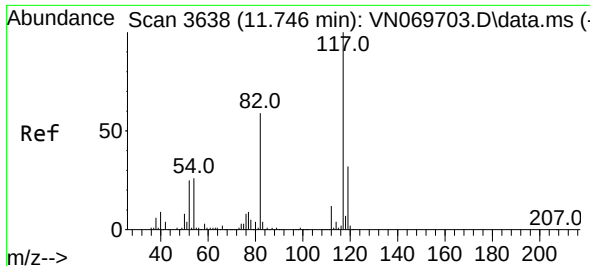
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#62
4-Bromofluorobenzene
Concen: 49.468 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

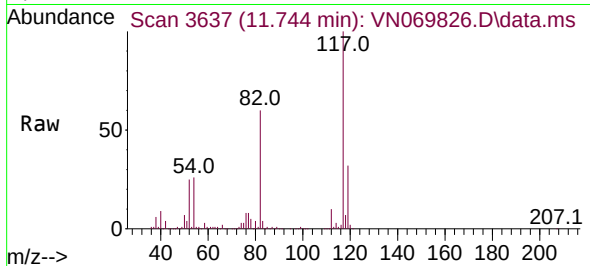
Tgt Ion: 95 Resp: 811881
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

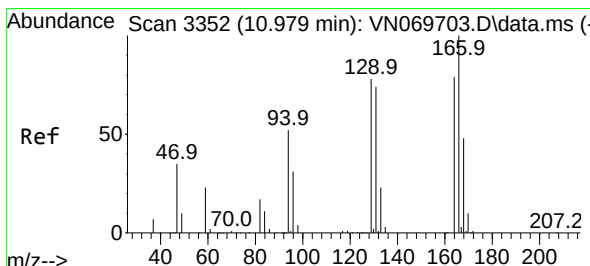
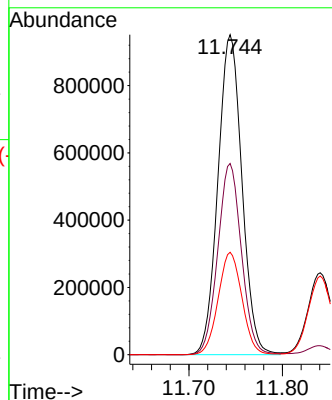
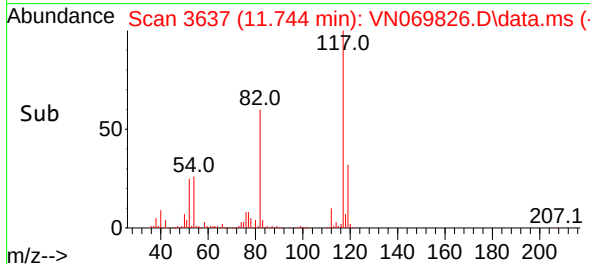
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion:117 Resp: 1701799
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.0 25.4 38.2

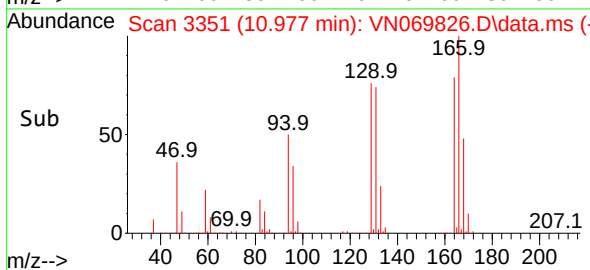
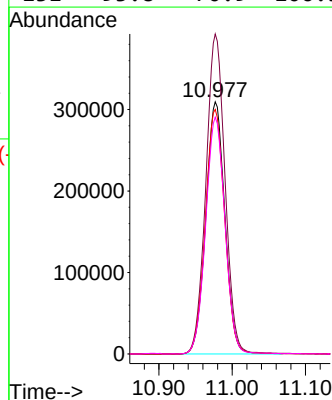
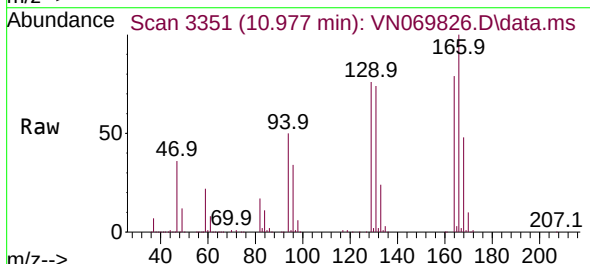
Manual Integrations
APPROVED

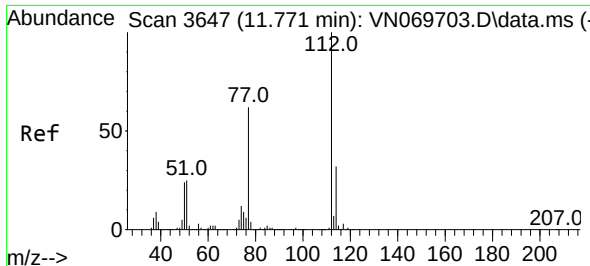
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#64
Tetrachloroethene
Concen: 48.513 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

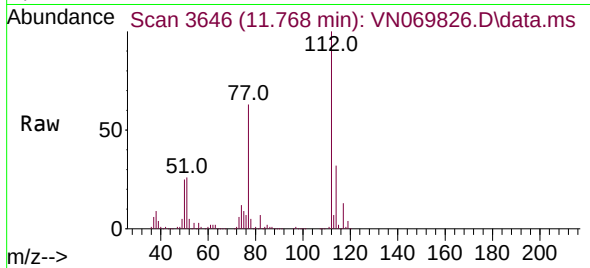
Tgt Ion:164 Resp: 559812
Ion Ratio Lower Upper
164 100
166 126.9 101.9 152.9
129 97.0 72.0 108.0
131 93.8 70.9 106.3





#65
Chlorobenzene
Concen: 50.814 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

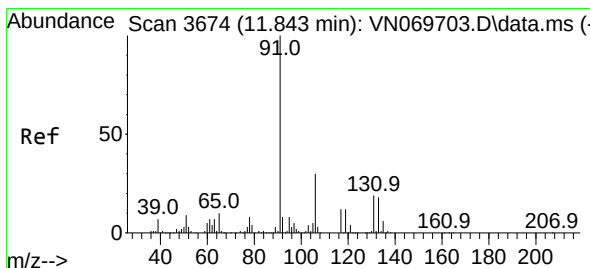
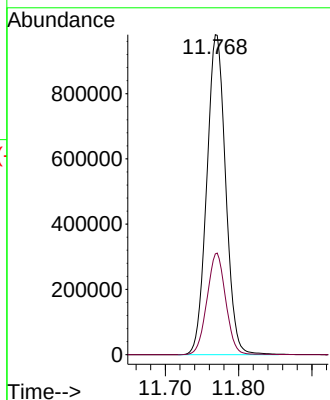
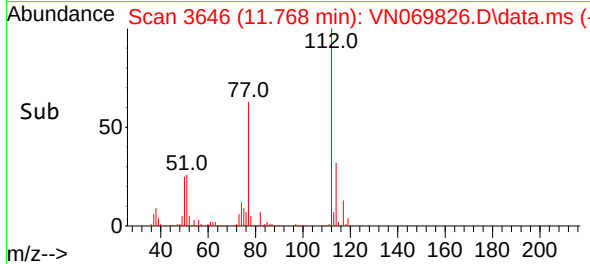
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion:112 Resp: 175431
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

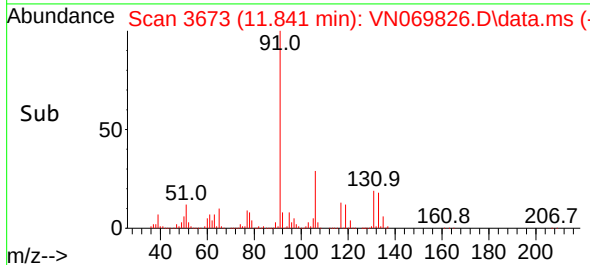
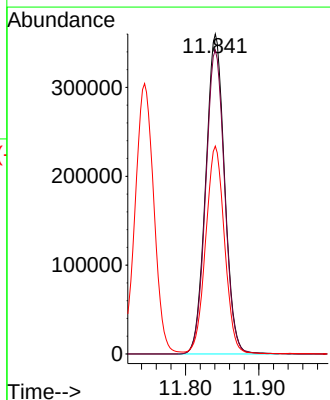
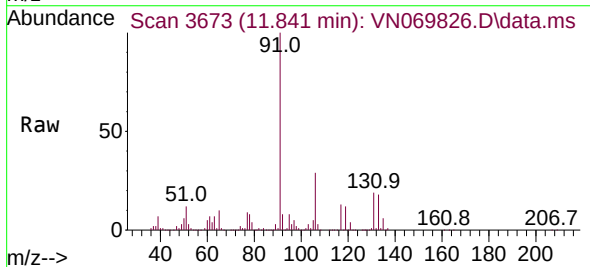
Manual Integrations
APPROVED

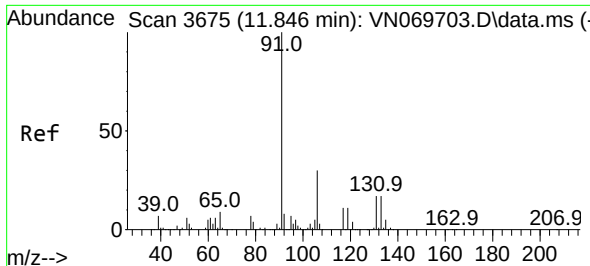
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 53.036 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

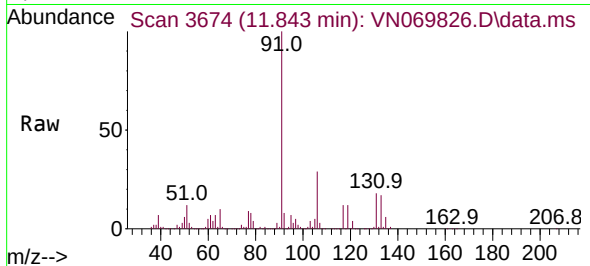
Tgt Ion:131 Resp: 644462
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 64.6 32.1 96.5





#67
Ethyl Benzene
Concen: 52.705 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

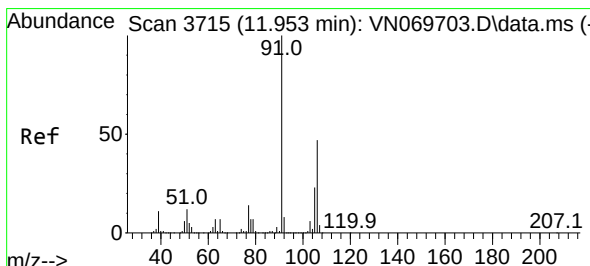
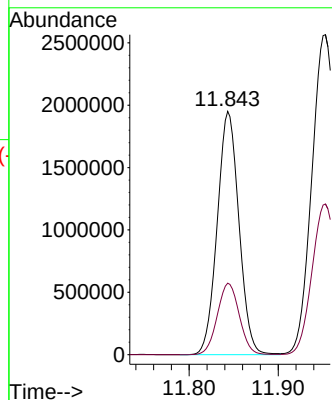
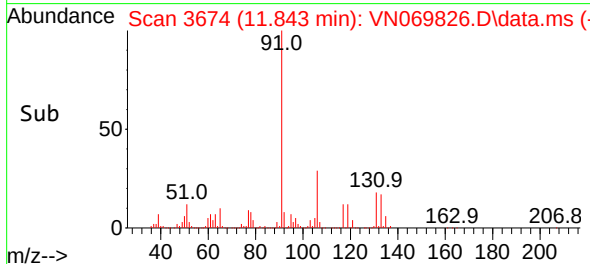
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion: 91 Resp: 330530
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

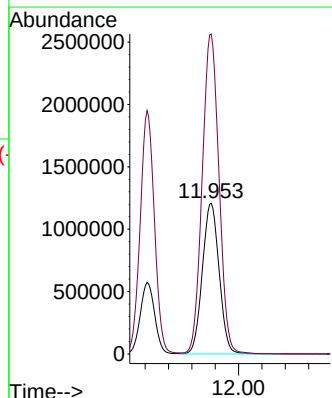
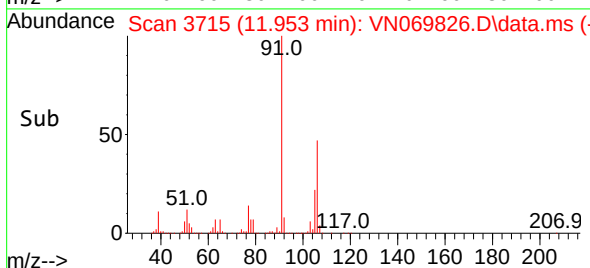
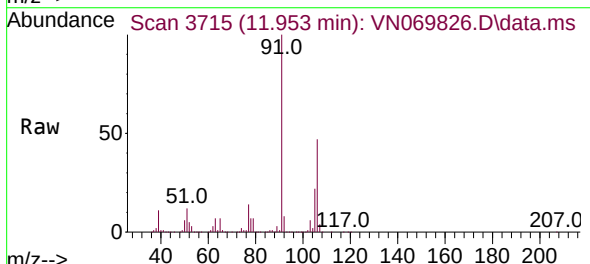
Manual Integrations
APPROVED

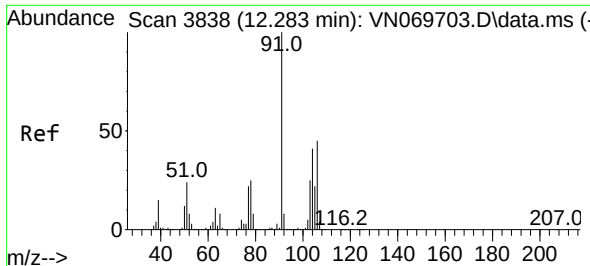
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#68
m/p-Xylenes
Concen: 105.335 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Tgt Ion:106 Resp: 2405245
Ion Ratio Lower Upper
106 100
91 212.8 160.6 240.8





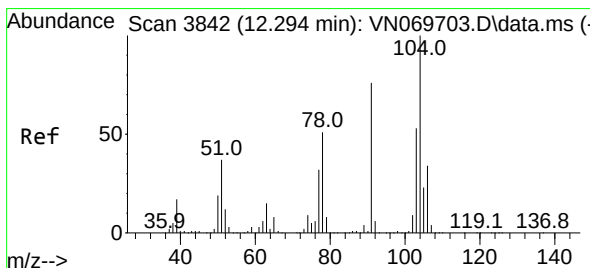
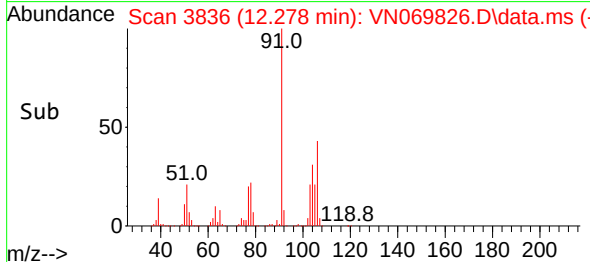
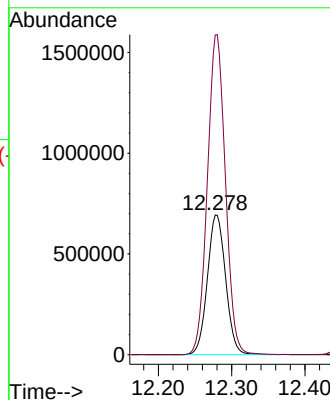
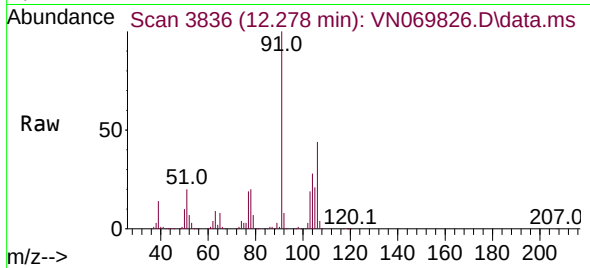
#69
o-Xylene
Concen: 52.152 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD

Tgt Ion:106 Resp: 1199509
Ion Ratio Lower Upper
106 100
91 226.3 105.8 317.3

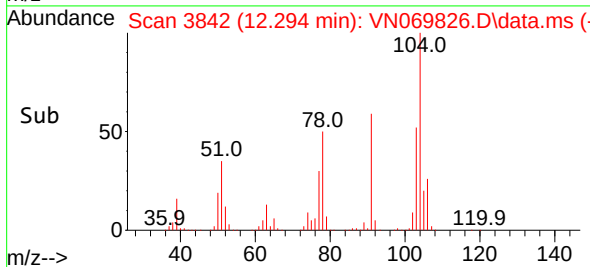
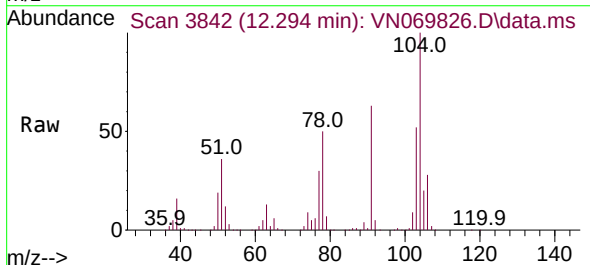
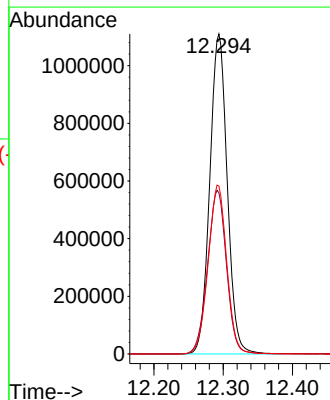
Manual Integrations
APPROVED

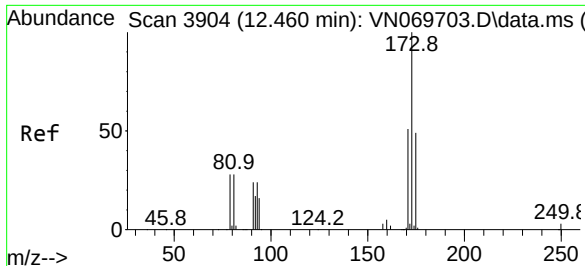
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#70
Styrene
Concen: 53.380 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

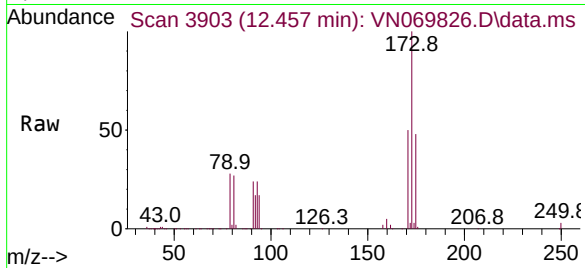
Tgt Ion:104 Resp: 1946832
Ion Ratio Lower Upper
104 100
78 55.4 38.7 58.1
103 56.2 45.0 67.6





#71
Bromoform
Concen: 47.393 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

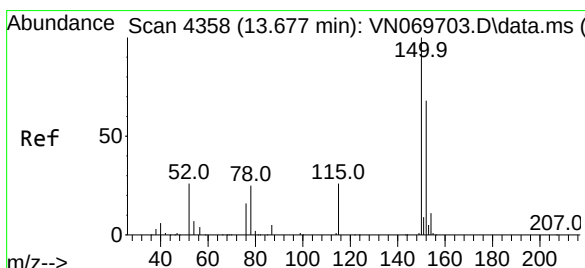
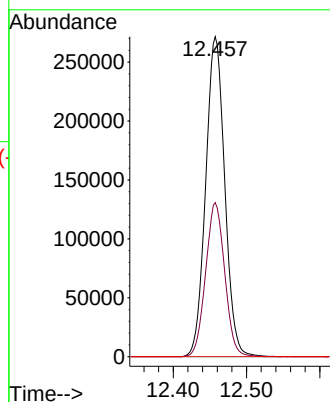
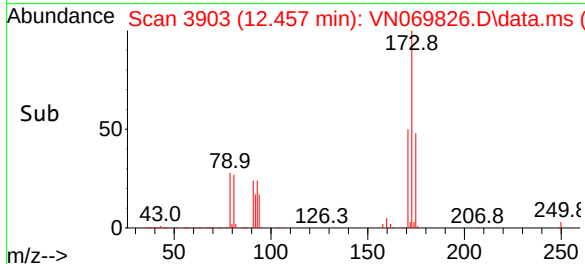
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



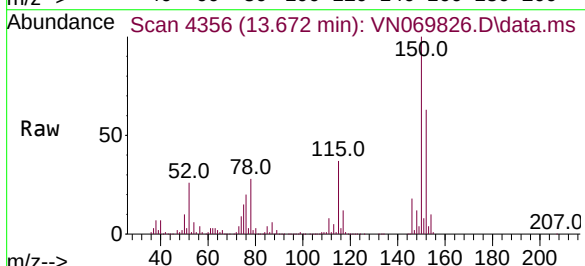
Tgt Ion:173 Resp: 491002
Ion Ratio Lower Upper
173 100
175 48.1 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

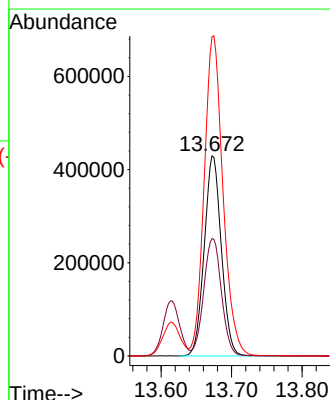
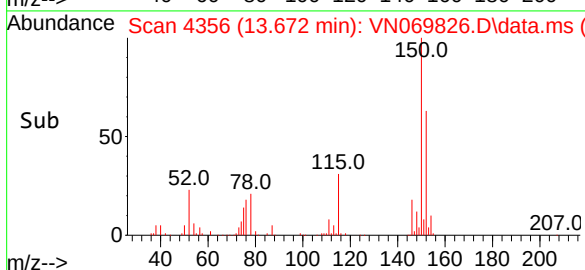
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

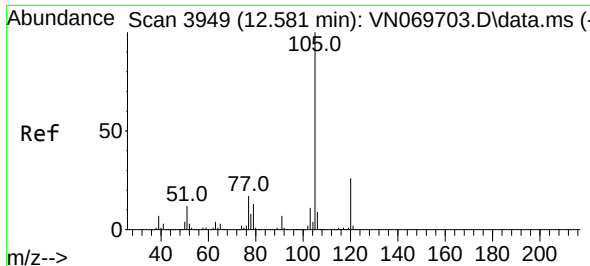


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04



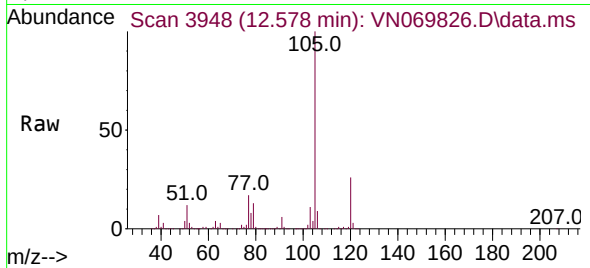
Tgt Ion:152 Resp: 723881
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 175.4 0.0 344.4





#73
Isopropylbenzene
Concen: 49.321 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

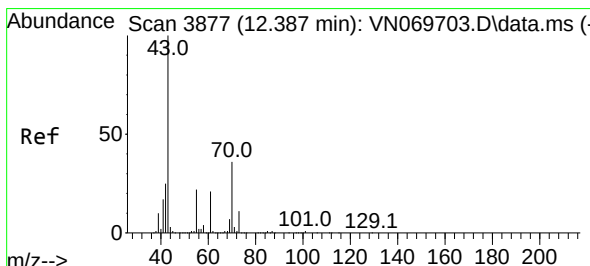
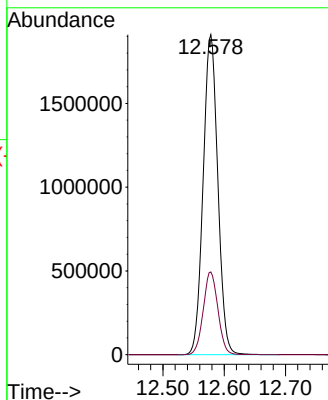
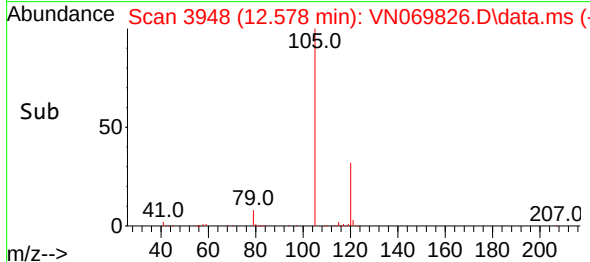
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion:105 Resp: 3176520
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

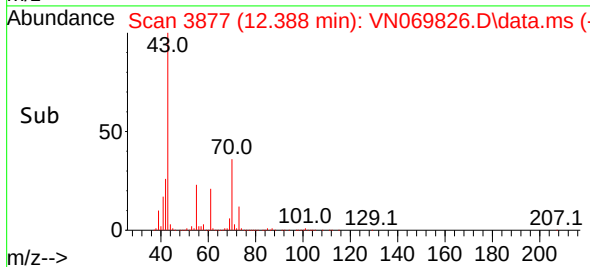
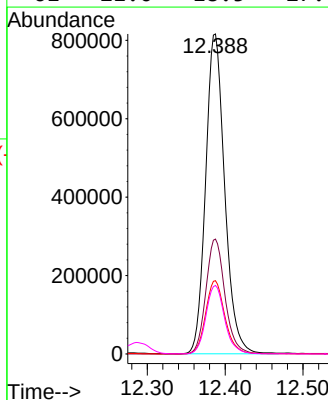
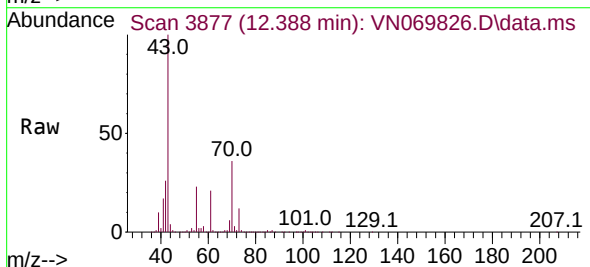
Manual Integrations
APPROVED

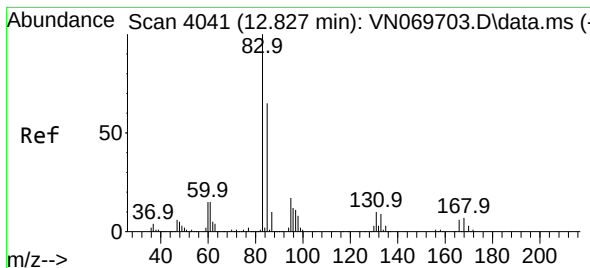
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#74
N-ethyl acetate
Concen: 48.800 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

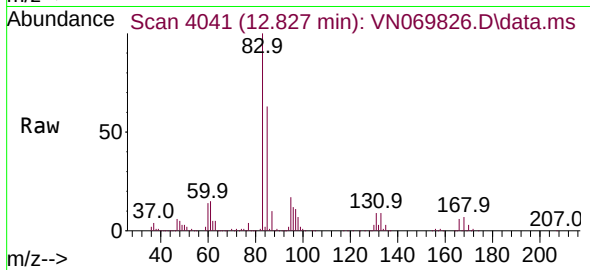
Tgt Ion: 43 Resp: 1389942
Ion Ratio Lower Upper
43 100
70 36.1 33.4 50.0
55 23.2 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.989 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

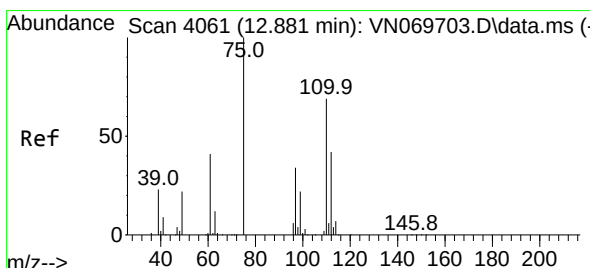
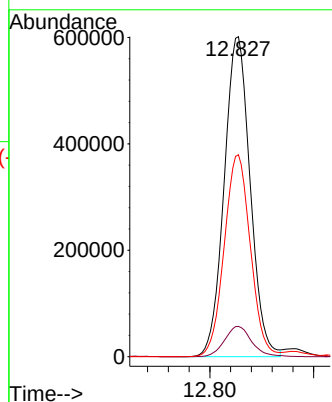
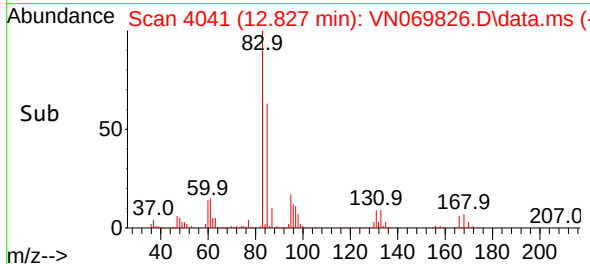
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



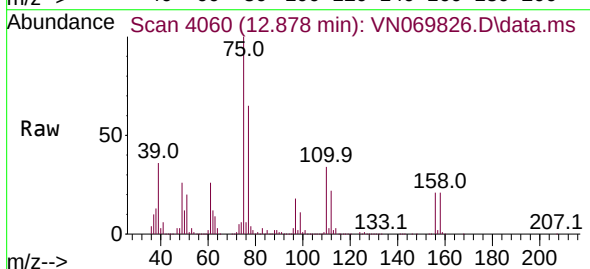
Tgt Ion: 83 Resp: 1046518
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 63.5 32.4 97.2

Manual Integrations
APPROVED

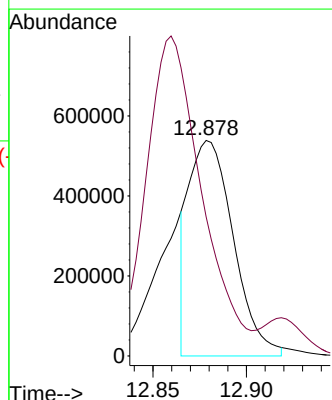
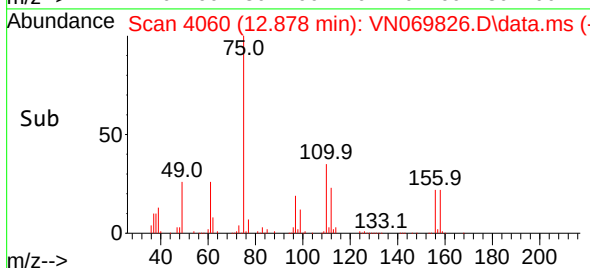
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

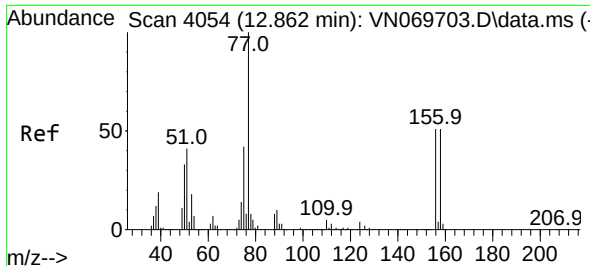


#76
1,2,3-Trichloropropane
Concen: 43.042 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04



Tgt Ion: 75 Resp: 893518
Ion Ratio Lower Upper
75 100
77 185.4 82.6 247.8





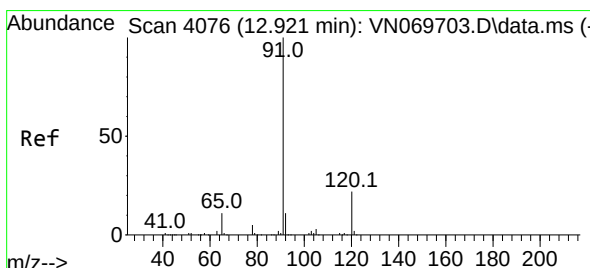
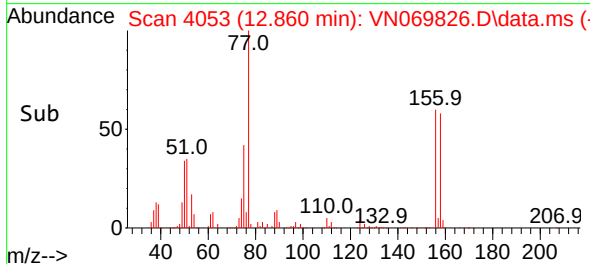
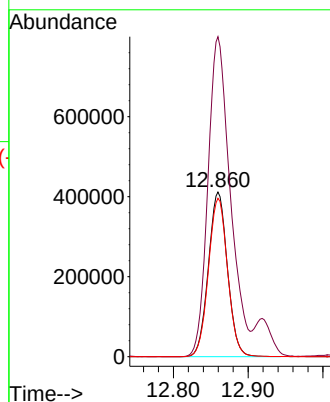
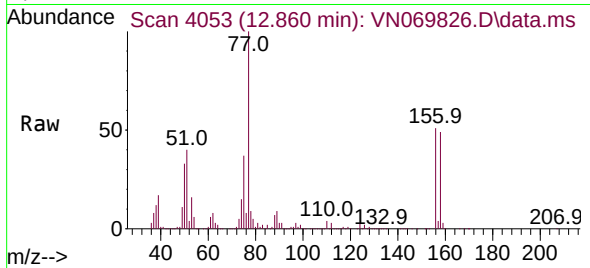
#77
Bromobenzene
Concen: 48.241 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD

Tgt Ion:156 Resp: 72978
Ion Ratio Lower Upper
156 100
77 227.0 90.6 271.8
158 96.6 48.9 146.7

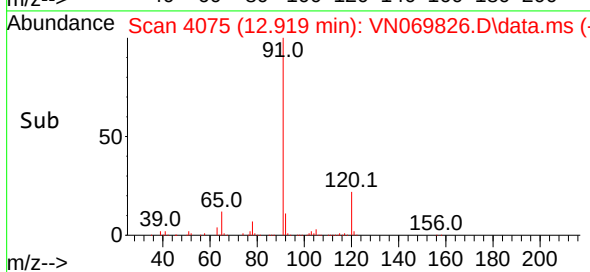
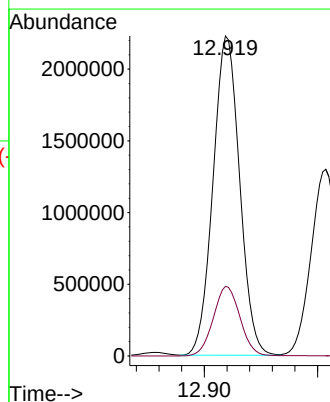
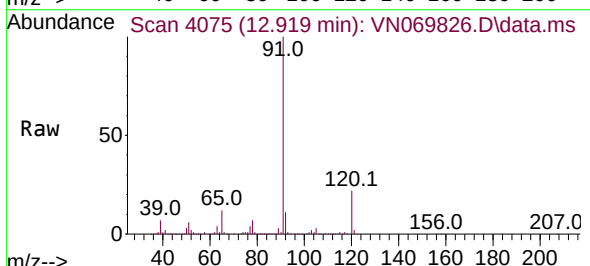
Manual Integrations
APPROVED

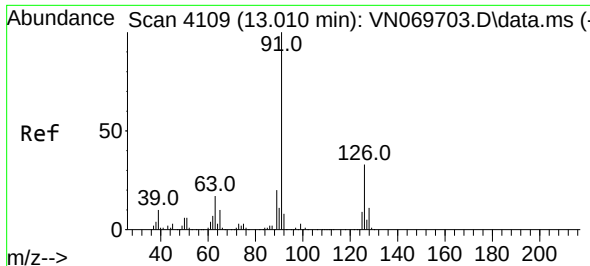
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#78
n-propylbenzene
Concen: 50.580 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Tgt Ion: 91 Resp: 3625031
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





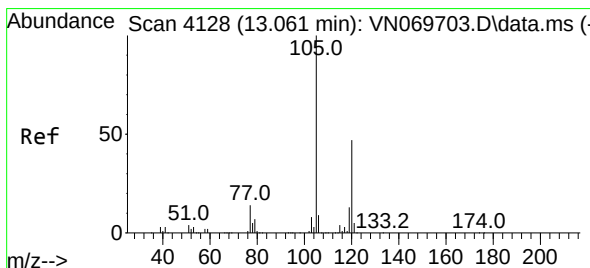
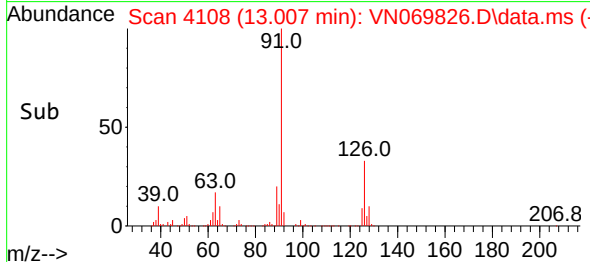
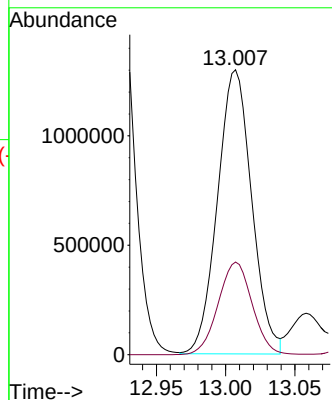
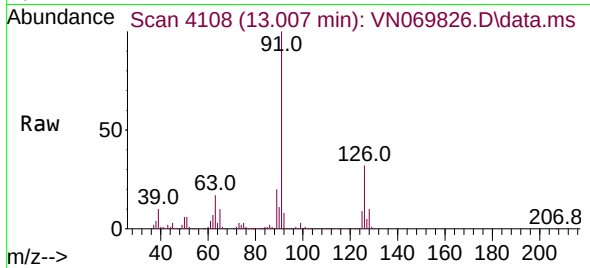
#79
2-Chlorotoluene
Concen: 49.280 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD

Tgt Ion: 91 Resp: 223166
Ion Ratio Lower Upper
91 100
126 32.5 18.3 54.8

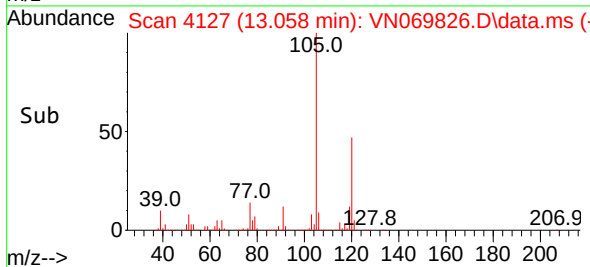
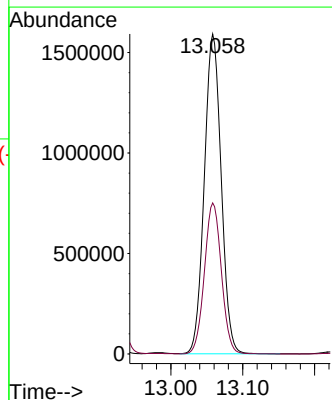
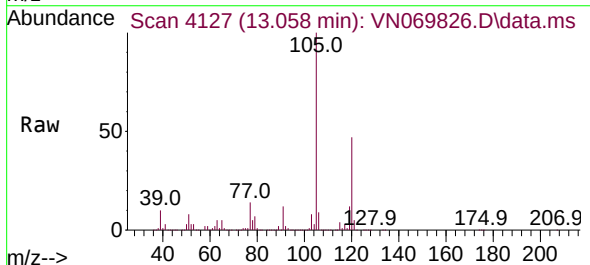
Manual Integrations
APPROVED

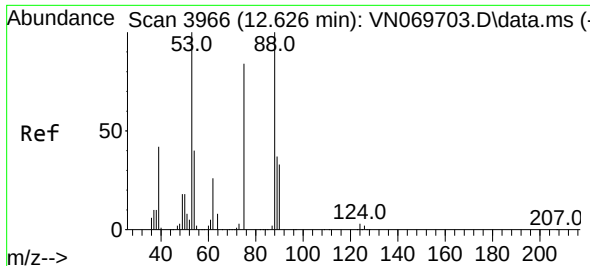
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#80
1,3,5-Trimethylbenzene
Concen: 50.269 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

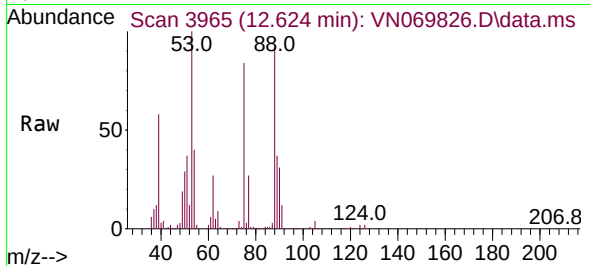
Tgt Ion:105 Resp: 2605866
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.529 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

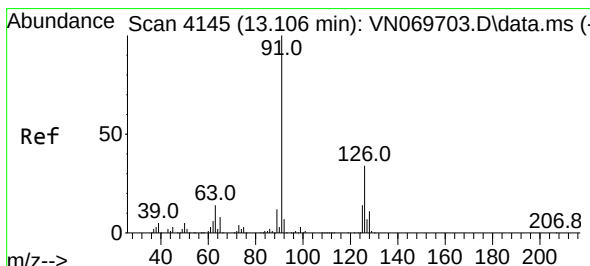
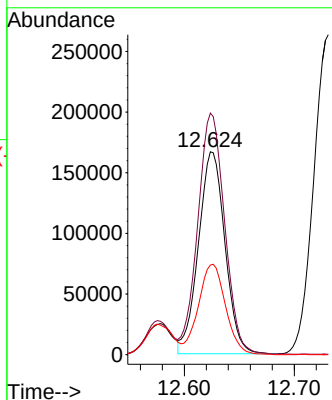
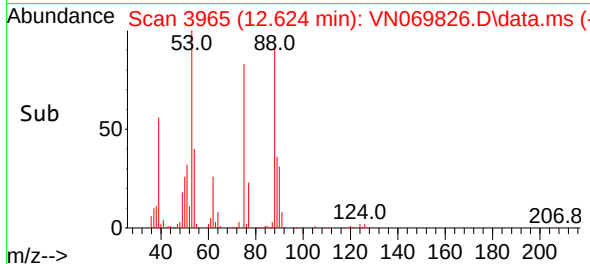
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion: 75 Resp: 279370
Ion Ratio Lower Upper
75 100
53 121.4 90.5 135.7
89 46.2 38.2 57.4

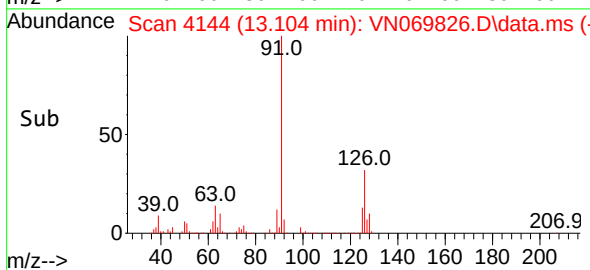
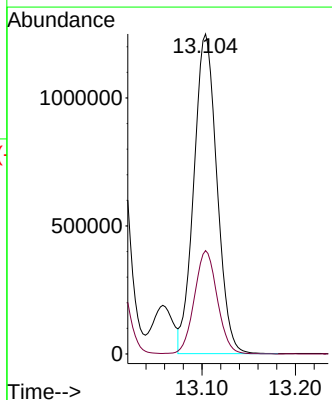
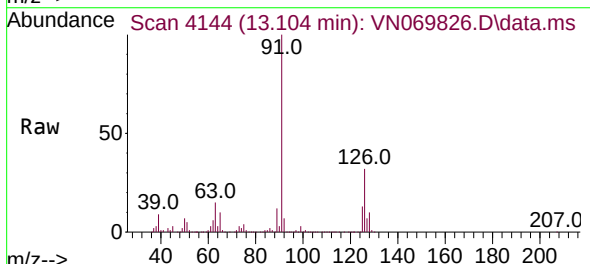
Manual Integrations
APPROVED

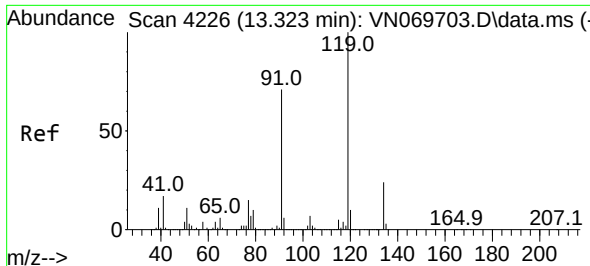
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#82
4-Chlorotoluene
Concen: 50.195 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

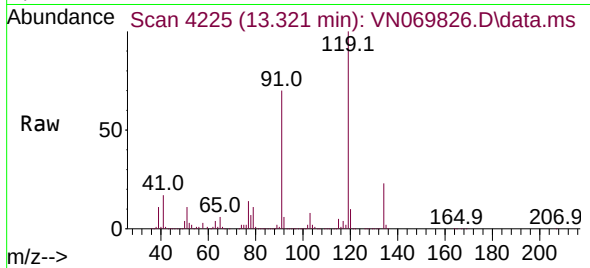
Tgt Ion: 91 Resp: 2137702
Ion Ratio Lower Upper
91 100
126 32.1 18.2 54.6





#83
tert-Butylbenzene
Concen: 49.567 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

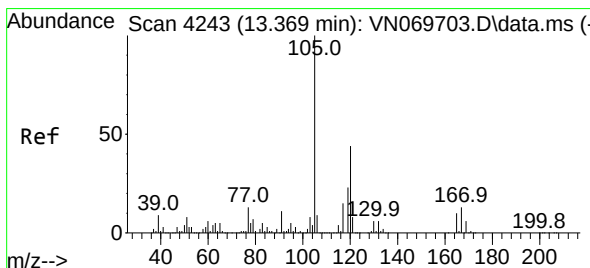
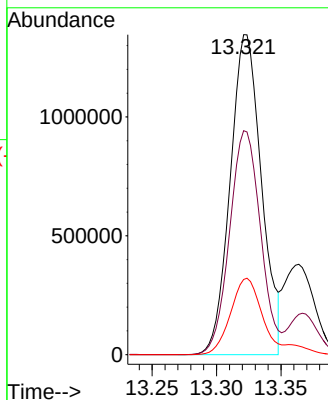
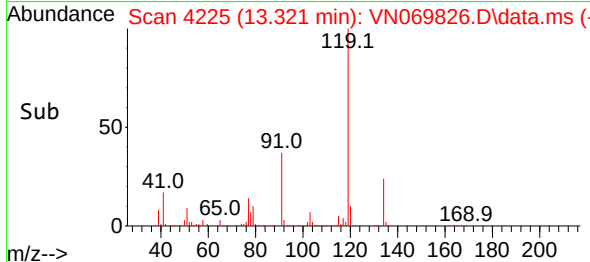
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion:119 Resp: 227518
Ion Ratio Lower Upper
119 100
91 69.5 31.5 94.5
134 24.0 12.4 37.4

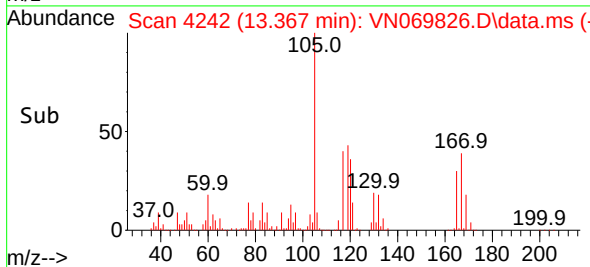
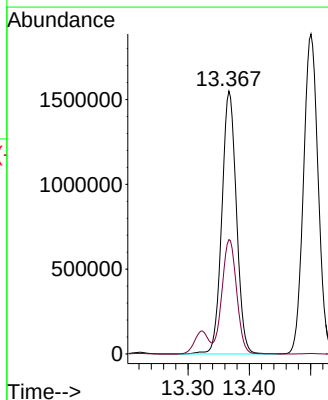
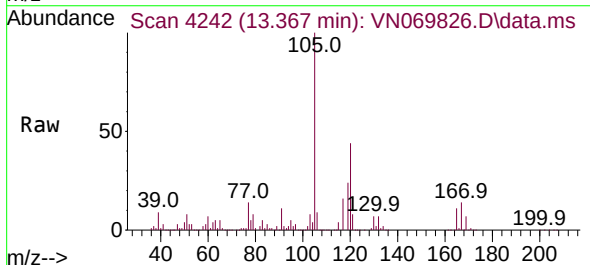
Manual Integrations
APPROVED

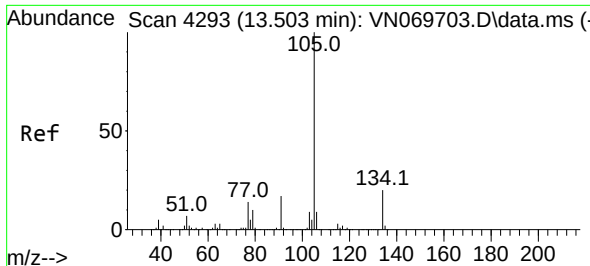
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#84
1,2,4-Trimethylbenzene
Concen: 51.868 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Tgt Ion:105 Resp: 2560662
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





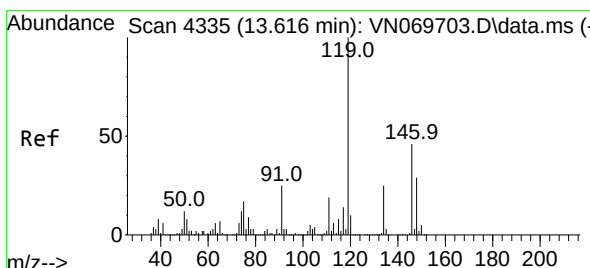
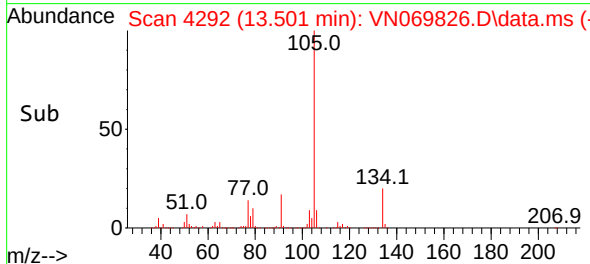
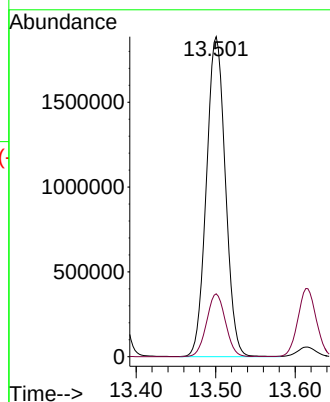
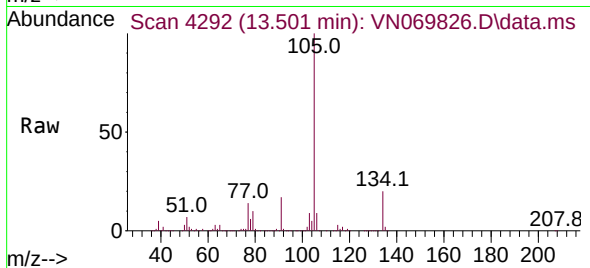
#85
 sec-Butylbenzene
 Concen: 50.178 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069826.D
 Acq: 7 Dec 2021 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-20211204MSD

Tgt Ion:105 Resp: 312415
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

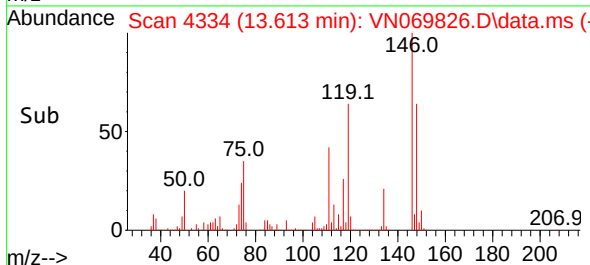
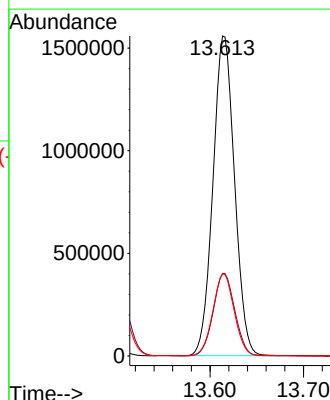
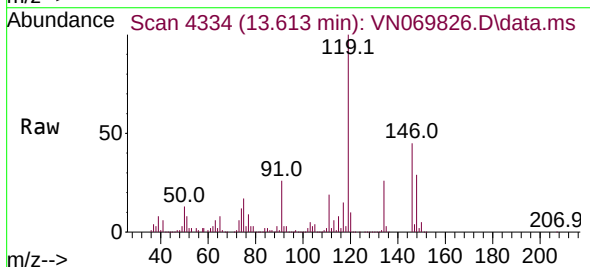
Manual Integrations
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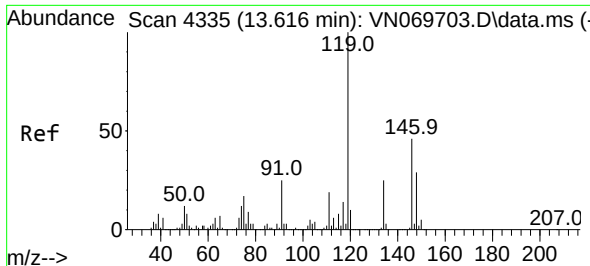
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#86
 p-Isopropyltoluene
 Concen: 51.417 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.002 min
 Lab File: VN069826.D
 Acq: 7 Dec 2021 20:04

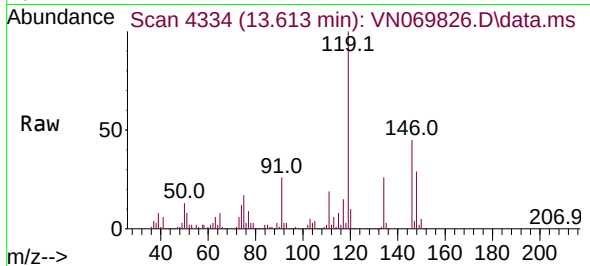
Tgt Ion:119 Resp: 2502295
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 49.656 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

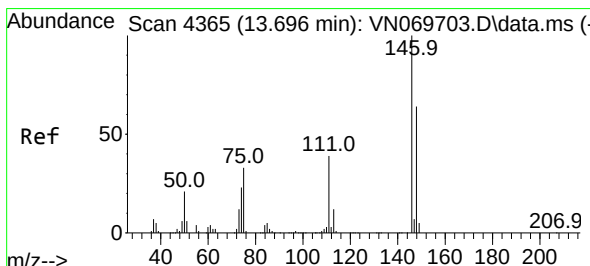
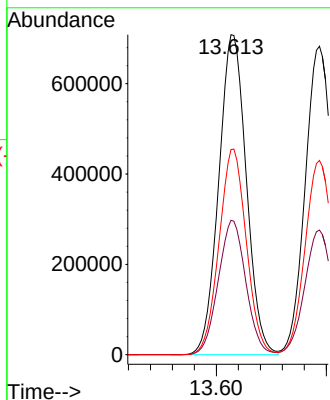
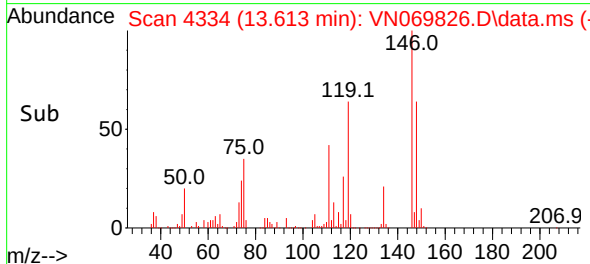
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



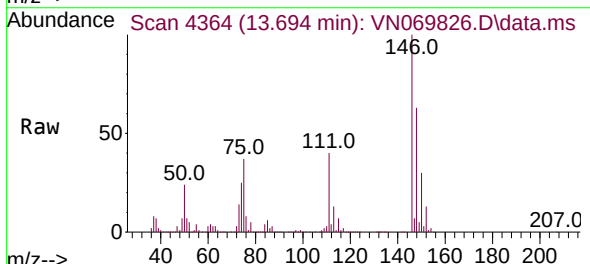
Tgt Ion:146 Resp: 1234070
Ion Ratio Lower Upper
146 100
111 41.9 18.6 55.6
148 63.6 31.6 95.0

Manual Integrations
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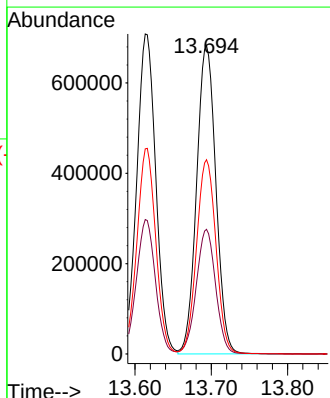
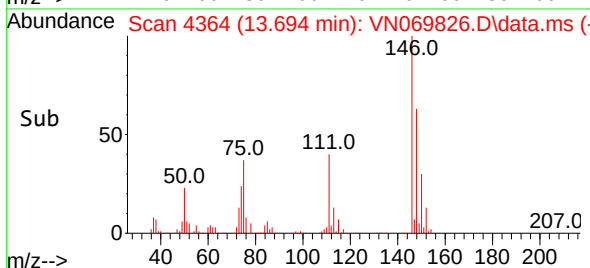
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

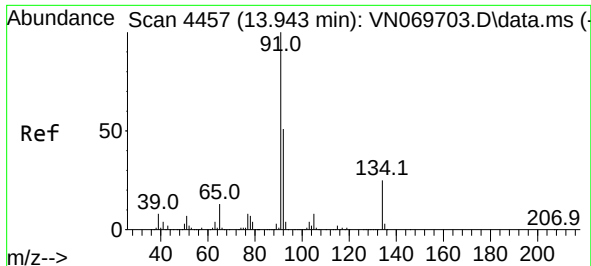


#88
1,4-Dichlorobenzene
Concen: 49.124 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04



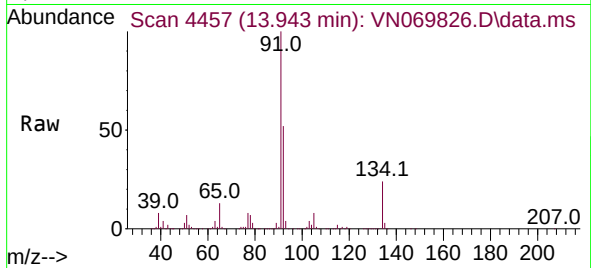
Tgt Ion:146 Resp: 1199764
Ion Ratio Lower Upper
146 100
111 40.4 18.3 54.8
148 63.6 31.8 95.4





#89
n-Butylbenzene
Concen: 51.000 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

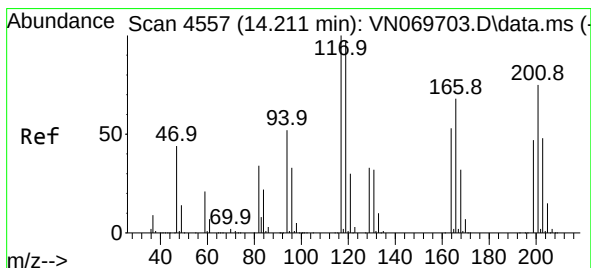
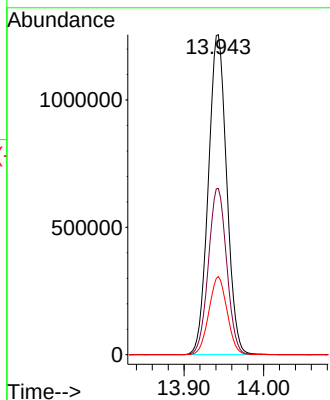
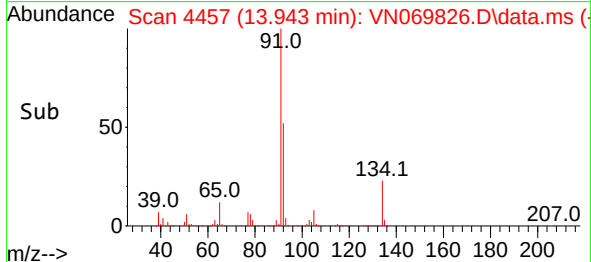
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



Tgt Ion: 91 Resp: 201338
Ion Ratio Lower Upper
91 100
92 52.1 25.4 76.0
134 24.3 13.6 40.8

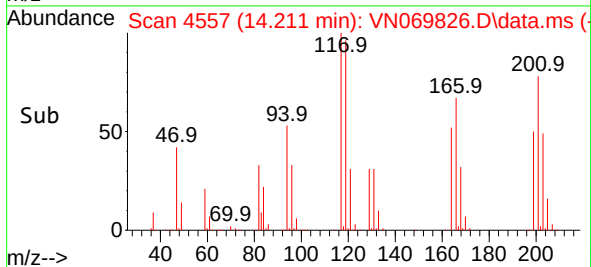
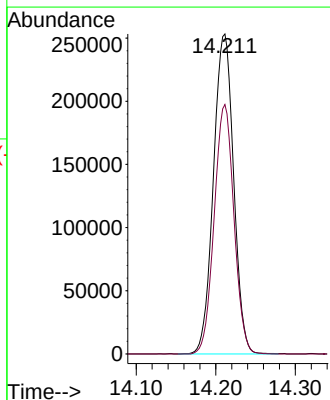
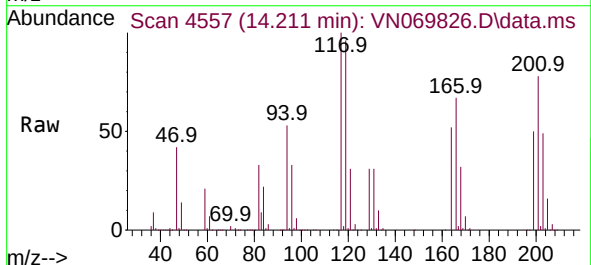
Manual Integrations
APPROVED

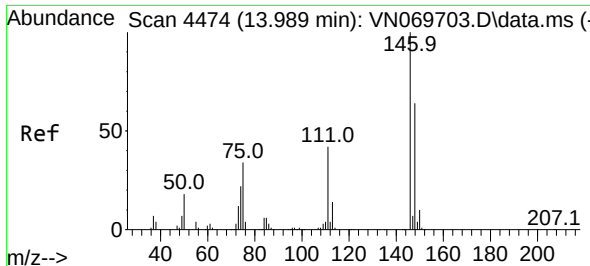
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#90
Hexachloroethane
Concen: 52.275 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

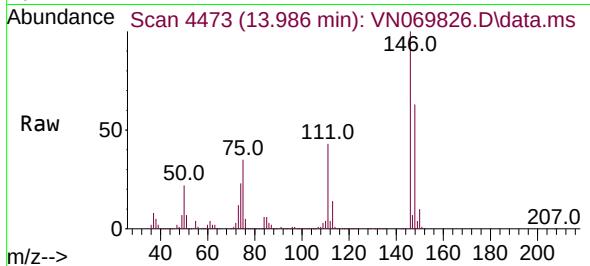
Tgt Ion:117 Resp: 446662
Ion Ratio Lower Upper
117 100
201 76.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 49.321 ug/l
RT: 13.986 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

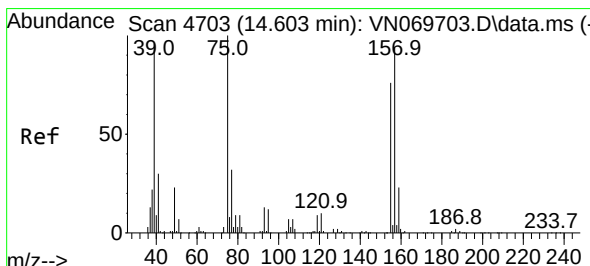
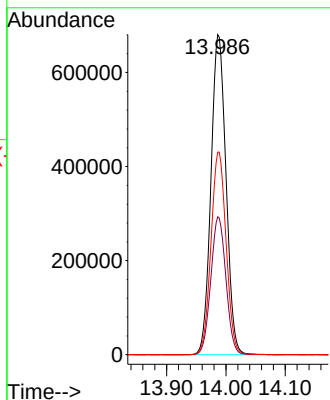
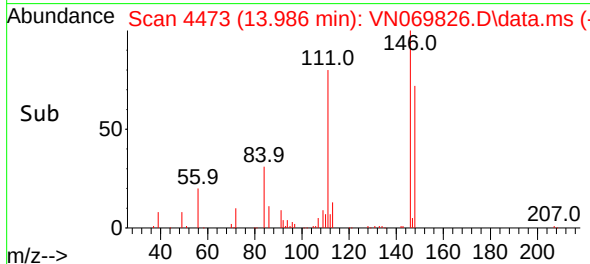
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



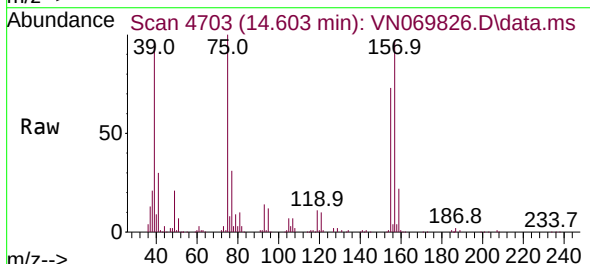
Tgt Ion:146 Resp: 119432
Ion Ratio Lower Upper
146 100
111 43.2 19.1 57.3
148 63.7 32.1 96.3

Manual Integrations
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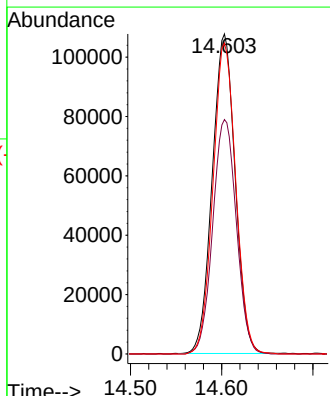
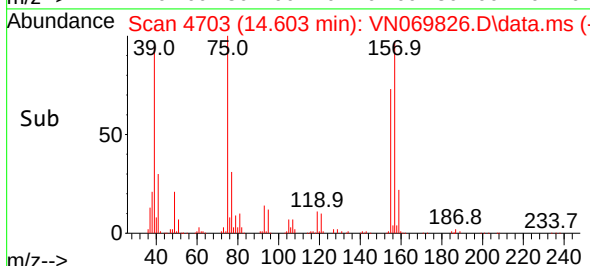
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

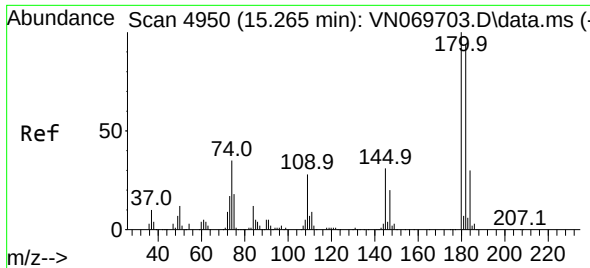


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.727 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04



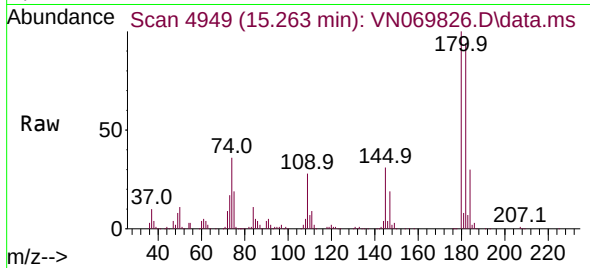
Tgt Ion: 75 Resp: 188049
Ion Ratio Lower Upper
75 100
155 75.6 46.9 140.7
157 96.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 45.205 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

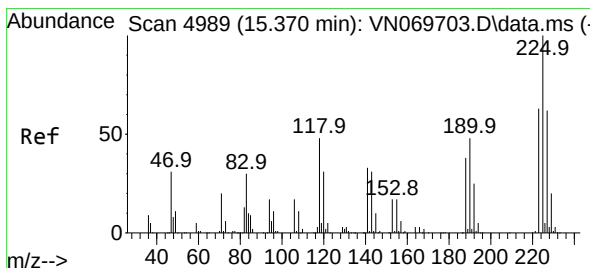
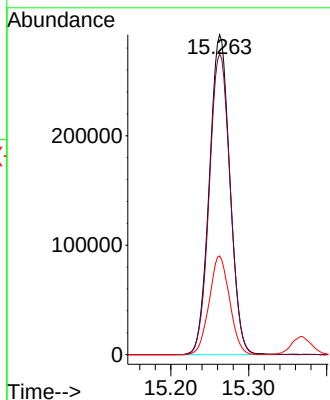
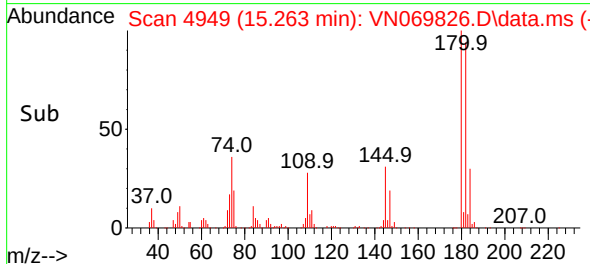
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD



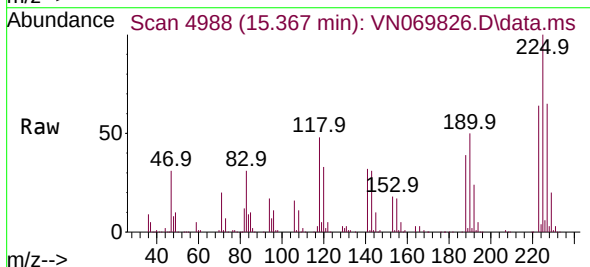
Tgt Ion:180 Resp: 533400
Ion Ratio Lower Upper
180 100
182 95.5 48.3 144.9
145 30.8 14.5 43.5

Manual Integrations
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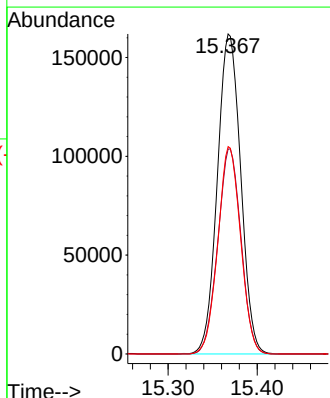
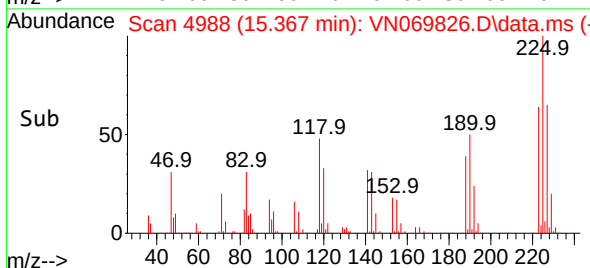
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

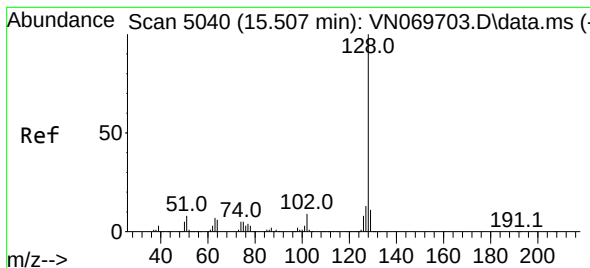


#94
Hexachlorobutadiene
Concen: 46.015 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04



Tgt Ion:225 Resp: 295301
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.7
227 63.1 32.1 96.3





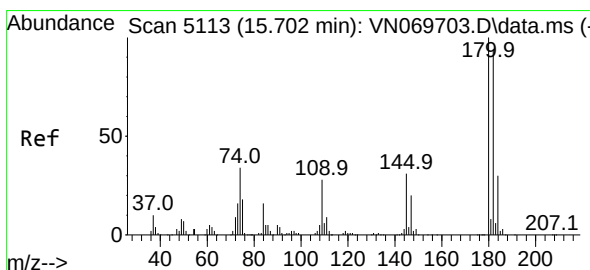
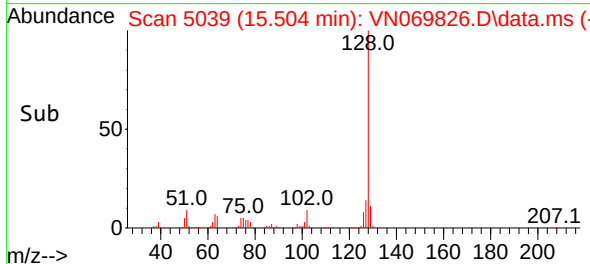
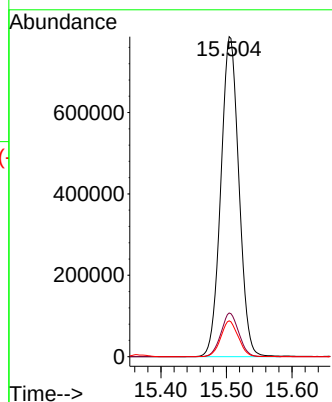
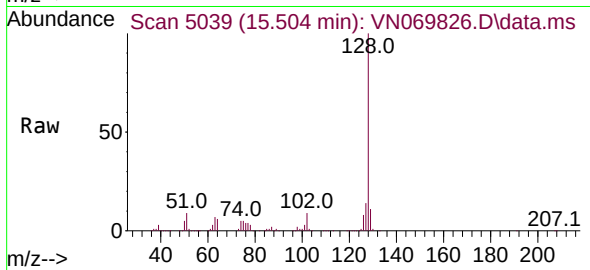
#95
Naphthalene
Concen: 43.063 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204MSD

Tgt Ion:128 Resp: 150216
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#96
1,2,3-Trichlorobenzene
Concen: 45.501 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069826.D
Acq: 7 Dec 2021 20:04

Tgt Ion:180 Resp: 523995
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.2
145 32.5 15.0 45.1

