

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069928.D
 Acq On : 9 Dec 2021 22:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 10 06:24:34 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1033300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1718599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1560483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	674212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	792548	49.677	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.360%		
35) Dibromofluoromethane	8.021	113	551904	51.269	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.540%		
50) Toluene-d8	10.441	98	2122110	49.095	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.180%		
62) 4-Bromofluorobenzene	12.731	95	760997	48.597	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	547822	45.455	ug/l	98
3) Chloromethane	2.303	50	629875	41.717	ug/l	98
4) Vinyl Chloride	2.448	62	627893	45.226	ug/l	99
5) Bromomethane	2.845	94	317858	42.142	ug/l	99
6) Chloroethane	3.017	64	380670	44.745	ug/l	99
7) Trichlorofluoromethane	3.376	101	847477	46.510	ug/l	98
8) Diethyl Ether	3.824	74	342293	48.775	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	492534	48.221	ug/l	96
10) Methyl Iodide	4.420	142	588089	42.146	ug/l	97
11) Tert butyl alcohol	5.380	59	580077	192.351	ug/l	98
12) 1,1-Dichloroethene	4.181	96	465775	47.322	ug/l	87
13) Acrolein	4.041	56	631034	245.715	ug/l	97
14) Allyl chloride	4.841	41	1073664	48.409	ug/l	94
15) Acrylonitrile	5.554	53	1791603	220.470	ug/l	99
16) Acetone	4.288	43	1680527	175.107	ug/l	97
17) Carbon Disulfide	4.529	76	1263494	49.688	ug/l	99
18) Methyl Acetate	4.857	43	1266632	43.725	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1855532	48.484	ug/l	95
20) Methylene Chloride	5.095	84	571628	44.804	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	504236	47.166	ug/l	88
22) Diisopropyl ether	6.498	45	2179247	50.271	ug/l	94
23) Vinyl Acetate	6.434	43	8888402	252.026	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1097954	48.894	ug/l	98
25) 2-Butanone	7.335	43	2638102	202.312	ug/l	91
26) 2,2-Dichloropropane	7.324	77	812528	46.537	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	610549	47.270	ug/l	86
28) Bromochloromethane	7.657	49	578532	49.543	ug/l #	77
29) Tetrahydrofuran	7.683	42	1724931	217.848	ug/l	87
30) Chloroform	7.818	83	1096989	48.370	ug/l	99
31) Cyclohexane	8.094	56	1018909	45.891	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	953345	49.350	ug/l	96
36) 1,1-Dichloropropene	8.223	75	786713	48.086	ug/l	96
37) Ethyl Acetate	7.413	43	1069623	43.926	ug/l	95
38) Carbon Tetrachloride	8.206	117	825339	51.444	ug/l	100
39) Methylcyclohexane	9.459	83	917992	47.172	ug/l	88
40) Benzene	8.461	78	2388980	47.772	ug/l	99

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41) Methacrylonitrile	7.638	41	538840	47.139	ug/l	90
42) 1,2-Dichloroethane	8.531	62	953796	47.248	ug/l	96
43) Isopropyl Acetate	8.560	43	1694384	47.021	ug/l #	94
44) Trichloroethene	9.215	130	561572	47.049	ug/l	92
45) 1,2-Dichloropropane	9.488	63	652306	48.575	ug/l	99
46) Dibromomethane	9.577	93	425478	48.311	ug/l	93
47) Bromodichloromethane	9.762	83	882814	52.942	ug/l	99
48) Methyl methacrylate	9.558	41	788113	46.865	ug/l	86
49) 1,4-Dioxane	9.569	88	219891	728.740	ug/l #	82
51) 4-Methyl-2-Pentanone	10.331	43	5431795	232.358	ug/l	94
52) Toluene	10.505	92	1455886	47.686	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	918028	46.003	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	979760	46.679	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	584156	47.421	ug/l	97
56) Ethyl methacrylate	10.760	69	1002893	43.460	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	1033302	47.639	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1152521	188.501	ug/l	91
59) 2-Hexanone	11.084	43	3761437	212.705	ug/l	92
60) Dibromochloromethane	11.237	129	635107	48.208	ug/l	100
61) 1,2-Dibromoethane	11.344	107	600766	47.086	ug/l	100
64) Tetrachloroethene	10.977	164	473643	44.763	ug/l	95
65) Chlorobenzene	11.768	112	1527302	48.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	586119	52.602	ug/l	99
67) Ethyl Benzene	11.843	91	2873215	49.964	ug/l	96
68) m/p-Xylenes	11.953	106	2083473	99.506	ug/l	92
69) o-Xylene	12.278	106	1038946	49.262	ug/l	91
70) Styrene	12.294	104	1713207	51.228	ug/l	96
71) Bromoform	12.457	173	472062	49.559	ug/l #	100
73) Isopropylbenzene	12.578	105	2762656	46.055	ug/l	98
74) N-amyl acetate	12.388	43	1227651	46.277	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.825	83	916114	44.164	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	812495m	42.022	ug/l	
77) Bromobenzene	12.860	156	631423	44.814	ug/l	78
78) n-propylbenzene	12.919	91	3146105	47.132	ug/l	96
79) 2-Chlorotoluene	13.007	91	1930619	45.773	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2264961	46.911	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	267200	45.617	ug/l	97
82) 4-Chlorotoluene	13.104	91	1850117	46.643	ug/l	92
83) tert-Butylbenzene	13.321	119	1984576	46.421	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2210019	48.063	ug/l	98
85) sec-Butylbenzene	13.501	105	2730499	47.086	ug/l	98
86) p-Isopropyltoluene	13.613	119	2184442	48.192	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1068316	46.153	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1031201	45.332	ug/l	97
89) n-Butylbenzene	13.941	91	1771128	48.169	ug/l	98
90) Hexachloroethane	14.209	117	438886	55.149	ug/l	86
91) 1,2-Dichlorobenzene	13.986	146	1040970	46.155	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	173077	46.175	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	464047	42.414	ug/l	98
94) Hexachlorobutadiene	15.367	225	274690	45.956	ug/l	99
95) Naphthalene	15.504	128	1286676	39.924	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	447690	41.940	ug/l	98

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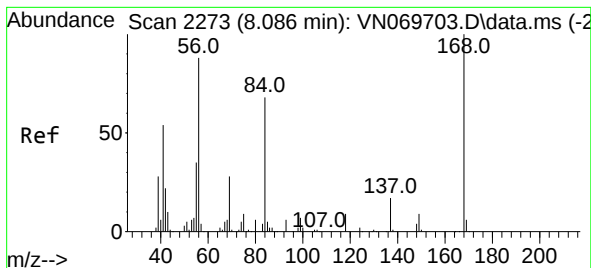
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 1033300

Ion Ratio Lower Upper

168 100

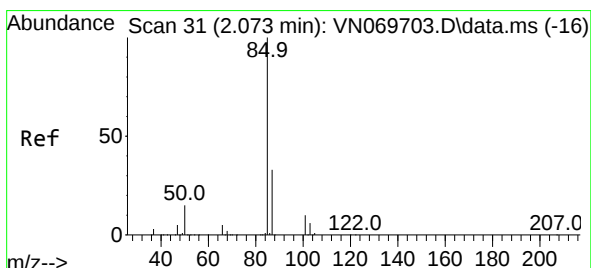
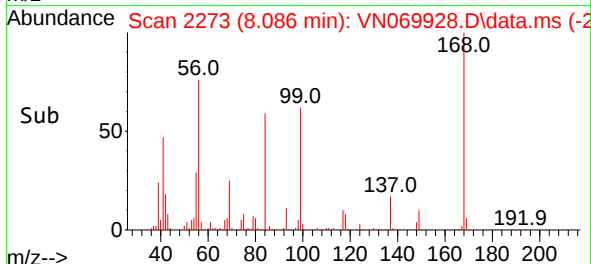
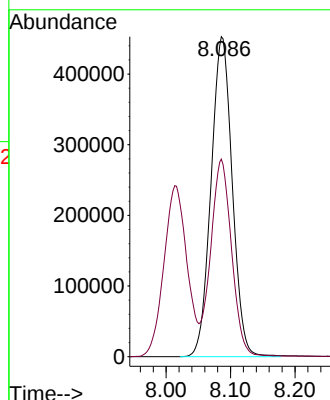
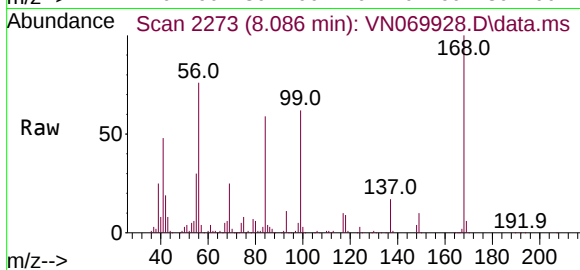
99 61.5 41.3 61.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 45.455 ug/l

RT: 2.073 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN069928.D

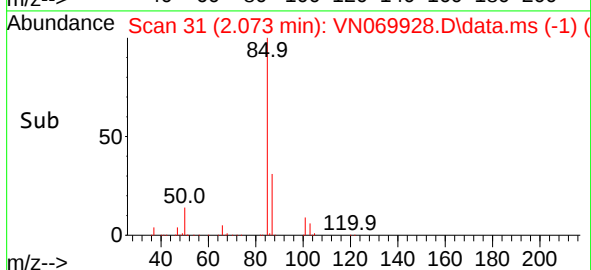
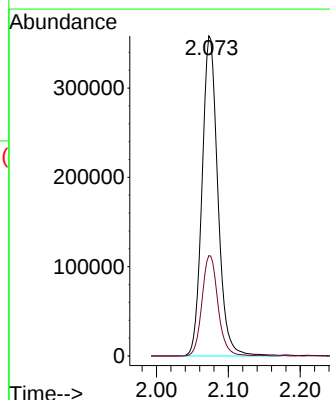
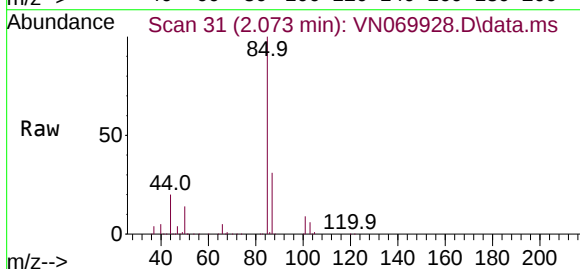
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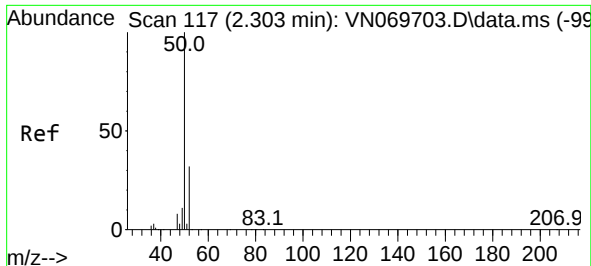
Tgt Ion: 85 Resp: 547822

Ion Ratio Lower Upper

85 100

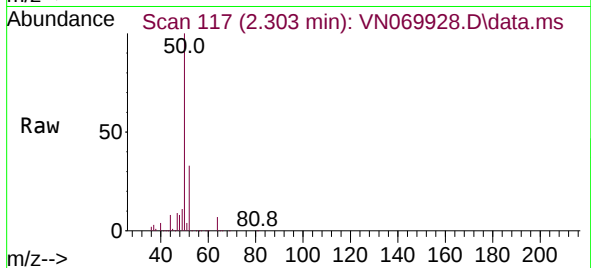
87 31.4 16.3 48.9





#3
Chloromethane
Concen: 41.717 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

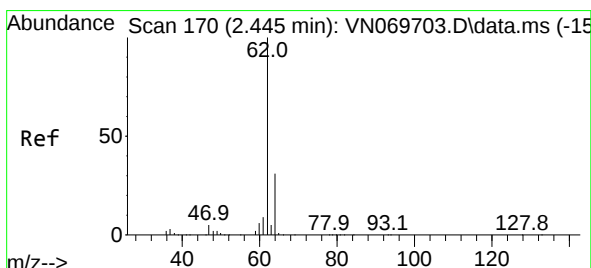
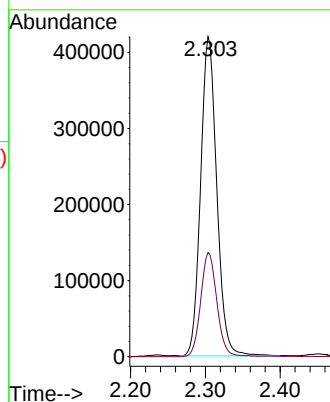
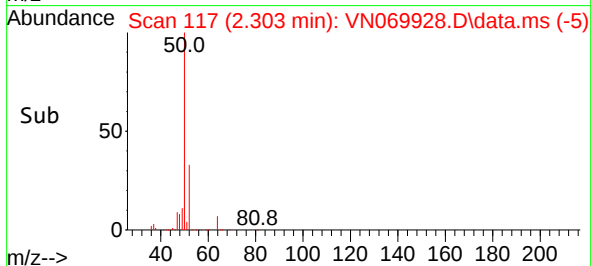
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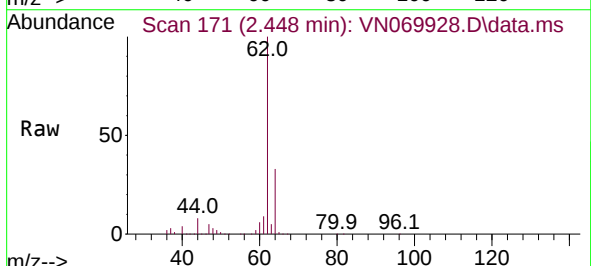
Tgt Ion: 50 Resp: 629875
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0

Manual Integrations
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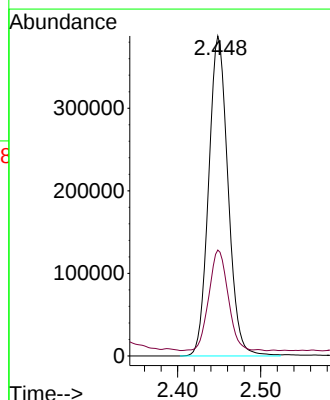
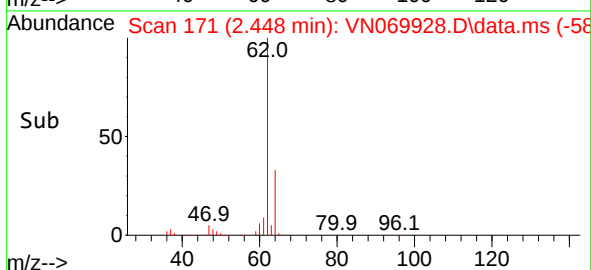
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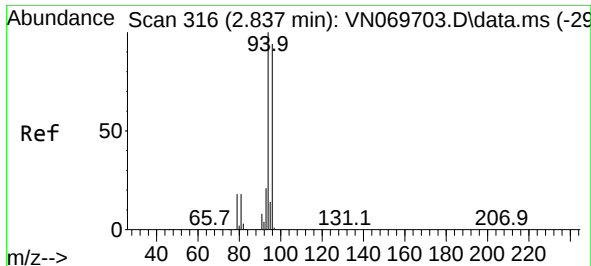


#4
Vinyl Chloride
Concen: 45.226 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17



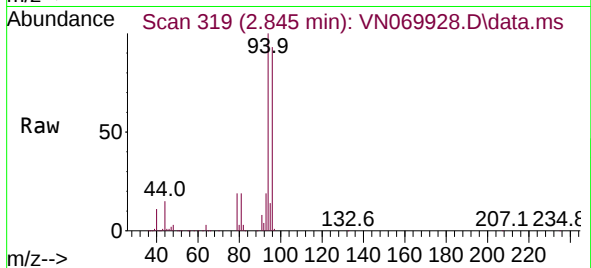
Tgt Ion: 62 Resp: 627893
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 42.142 ug/l
RT: 2.845 min Scan# 316
Delta R.T. 0.008 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

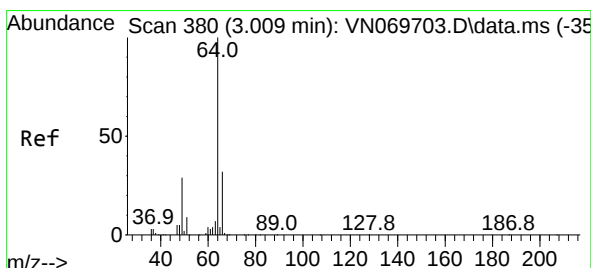
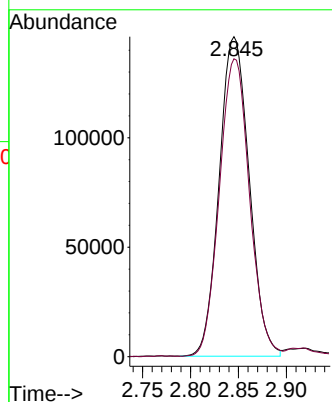
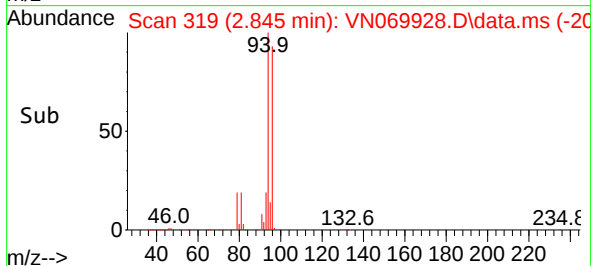
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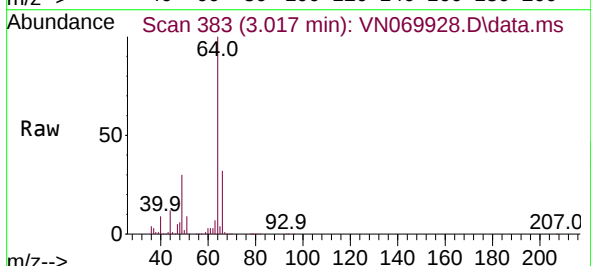
Tgt Ion: 94 Resp: 317858
Ion Ratio Lower Upper
94 100
96 93.1 73.8 110.8

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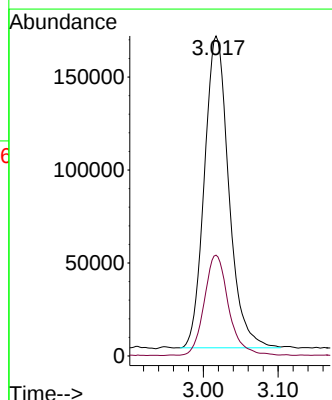
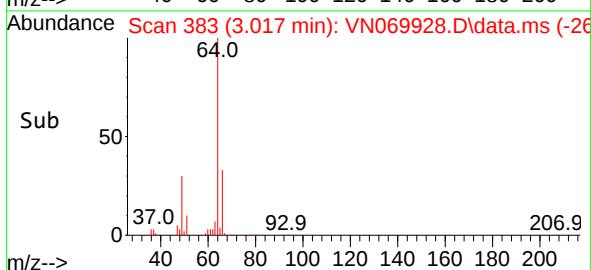
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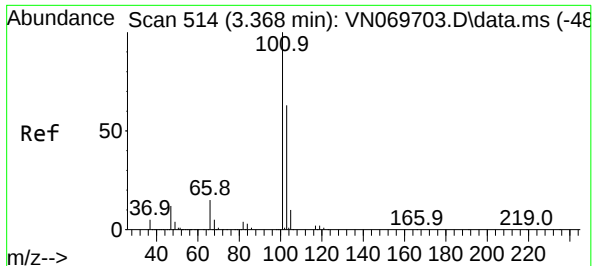


#6
Chloroethane
Concen: 44.745 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN069928.D
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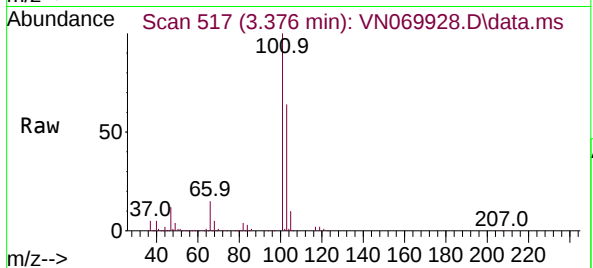
Tgt Ion: 64 Resp: 380670
Ion Ratio Lower Upper
64 100
66 32.1 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 46.510 ug/l
 RT: 3.376 min Scan# 514
 Delta R.T. 0.008 min
 Lab File: VN069928.D
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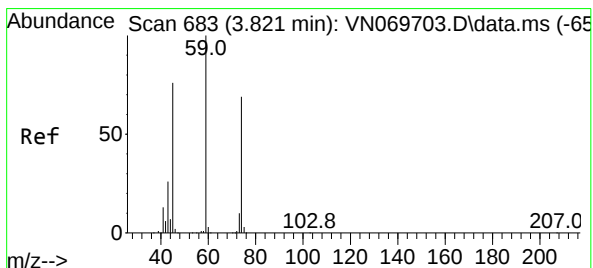
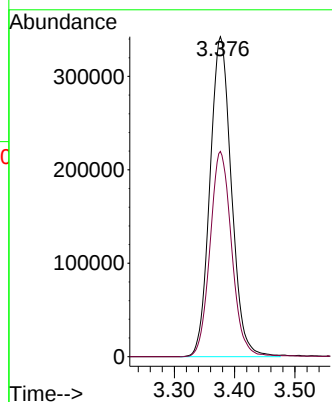
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 84747
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.1 75.1

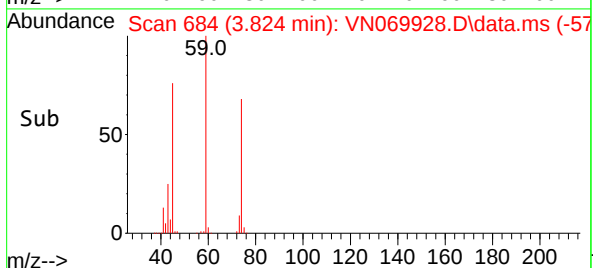
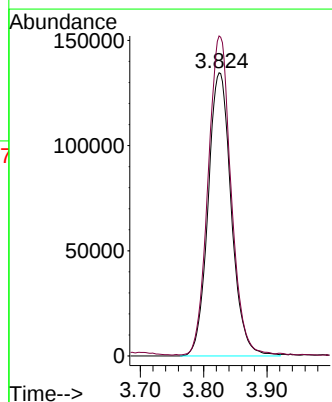
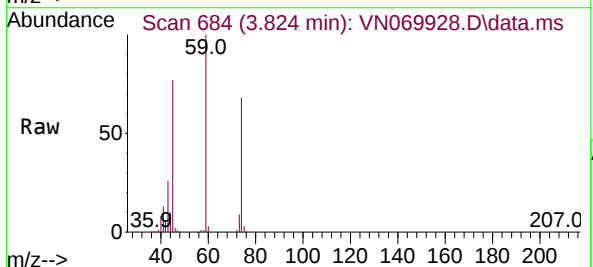
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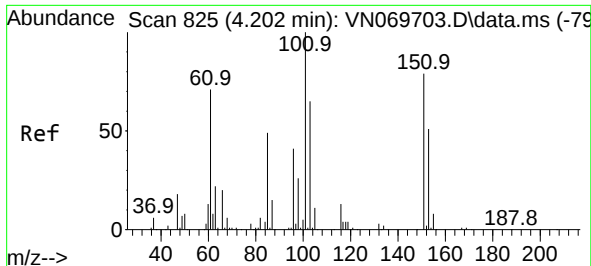
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#8
 Diethyl Ether
 Concen: 48.775 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
 Lab File: VN069928.D
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Tgt Ion: 74 Resp: 342293
 Ion Ratio Lower Upper
 74 100
 45 111.3 47.0 141.2





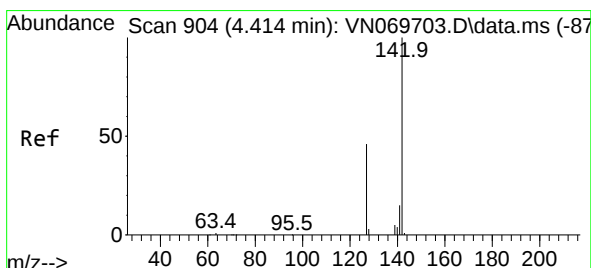
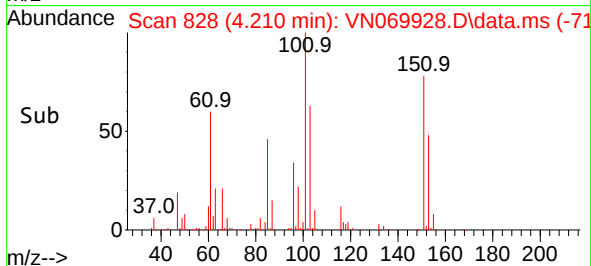
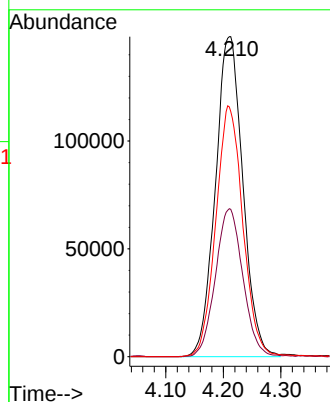
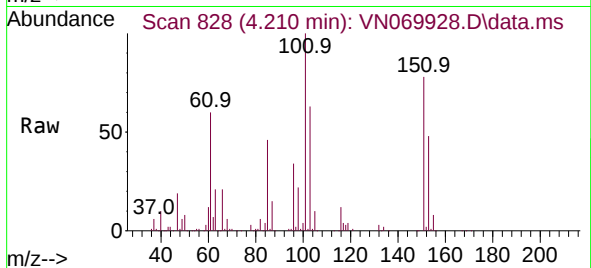
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.221 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 492534
Ion Ratio Lower Upper
101 100
85 46.2 37.2 55.8
151 77.2 65.9 98.9

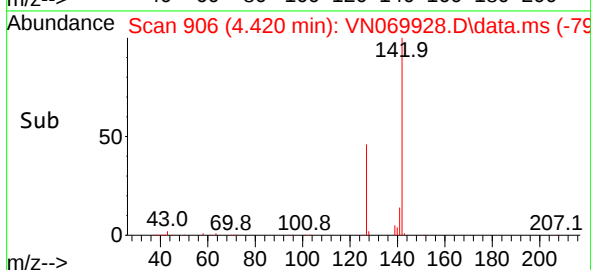
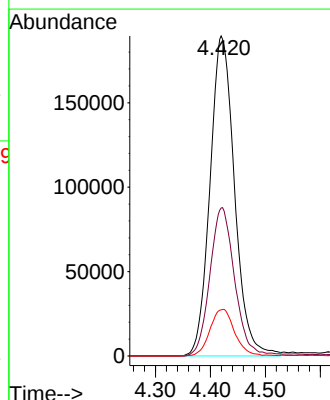
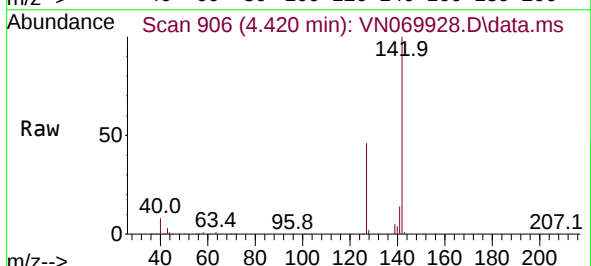
Manual Integrations
APPROVED

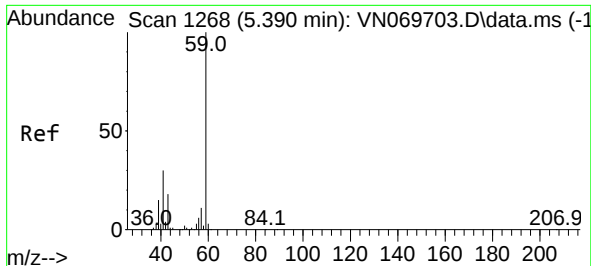
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 42.146 ug/l
RT: 4.420 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

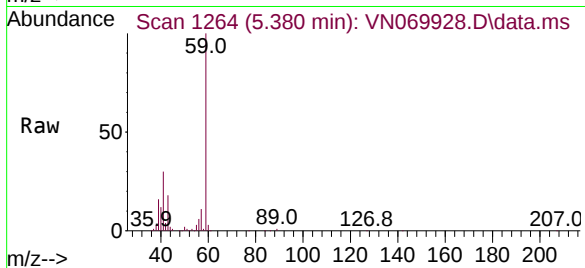
Tgt Ion:142 Resp: 588089
Ion Ratio Lower Upper
142 100
127 46.3 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 192.351 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.010 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

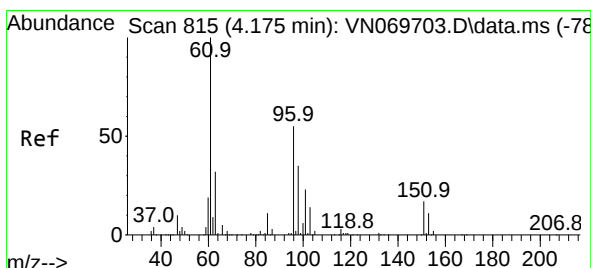
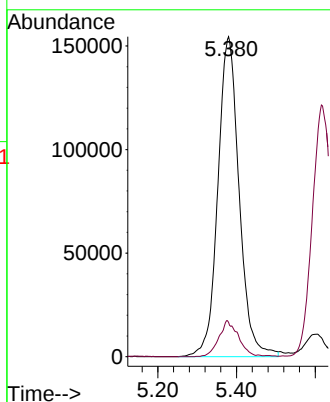
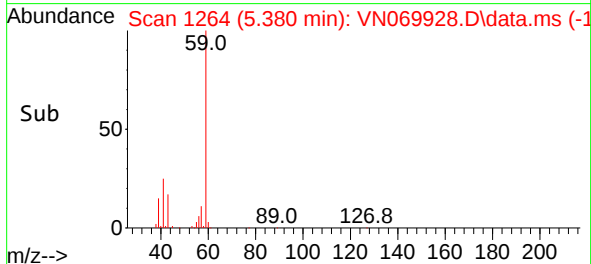
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 58007
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

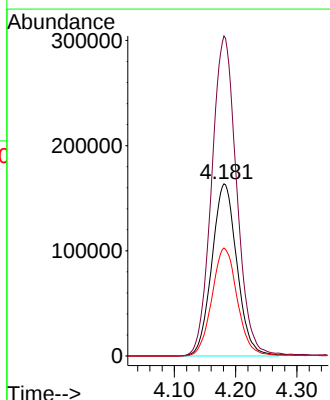
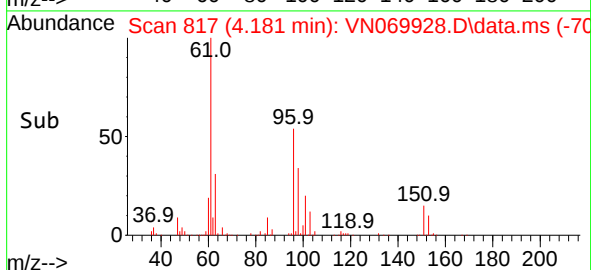
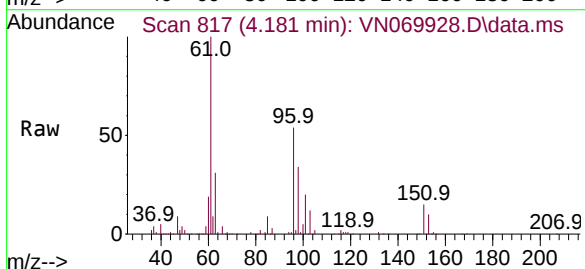
Manual Integrations
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Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#12
1,1-Dichloroethene
Concen: 47.322 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

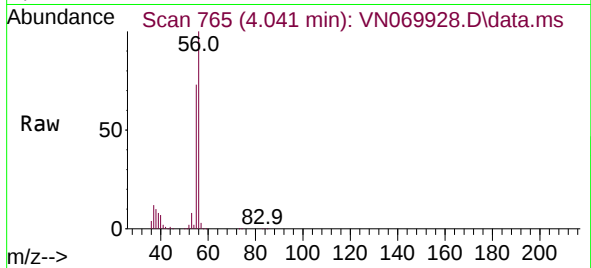
Tgt Ion: 96 Resp: 465775
Ion Ratio Lower Upper
96 100
61 185.9 131.0 196.6
98 62.7 52.4 78.6





#13
Acrolein
Concen: 245.715 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

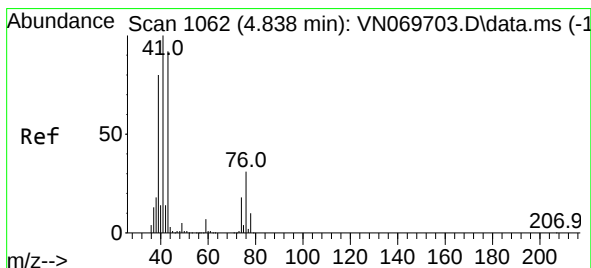
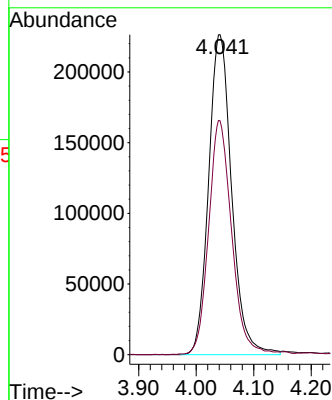
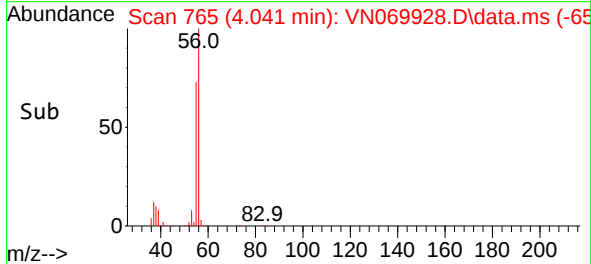
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



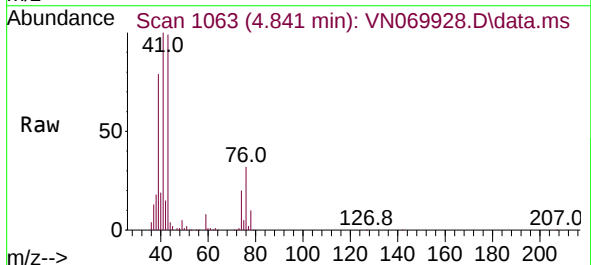
Tgt Ion: 56 Resp: 631034
Ion Ratio Lower Upper
56 100
55 73.1 56.6 85.0

Manual Integrations
APPROVED

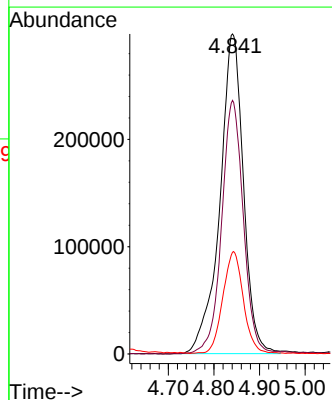
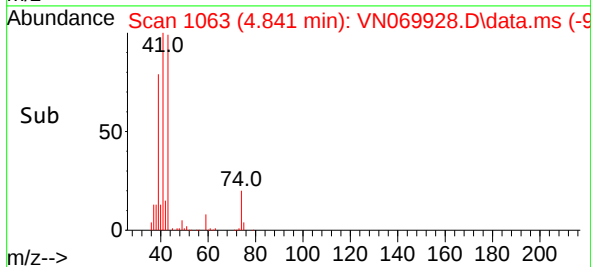
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

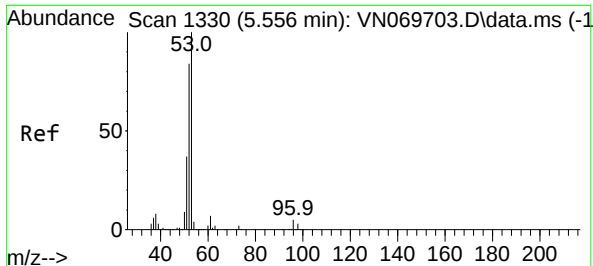


#14
Allyl chloride
Concen: 48.409 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17



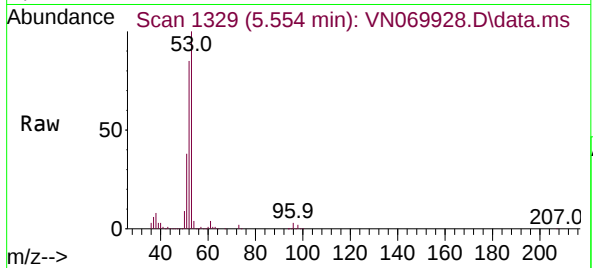
Tgt Ion: 41 Resp: 1073664
Ion Ratio Lower Upper
41 100
39 72.7 61.2 91.8
76 27.2 26.0 39.0





#15
Acrylonitrile
Concen: 220.470 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

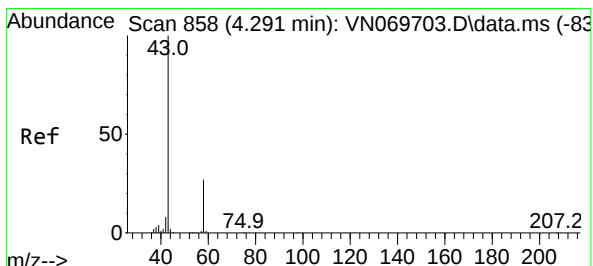
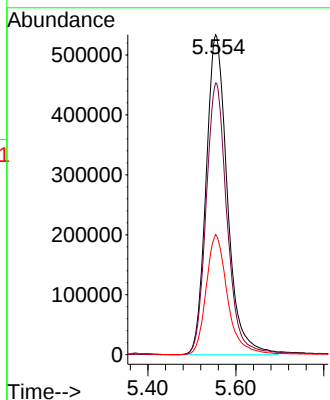
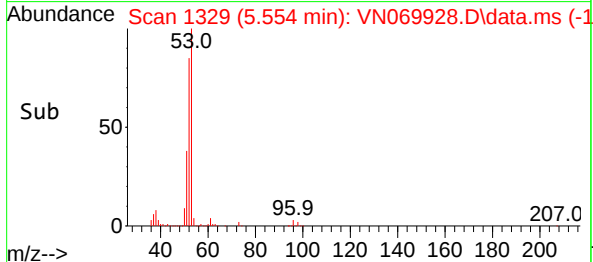
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



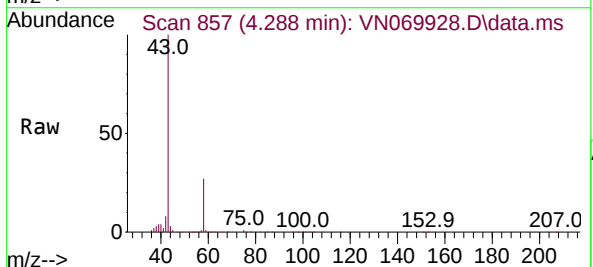
Tgt Ion: 53 Resp: 1791600
Ion Ratio Lower Upper
53 100
52 83.9 66.2 99.2
51 37.8 29.6 44.4

Manual Integrations
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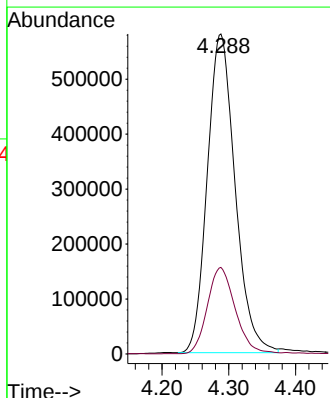
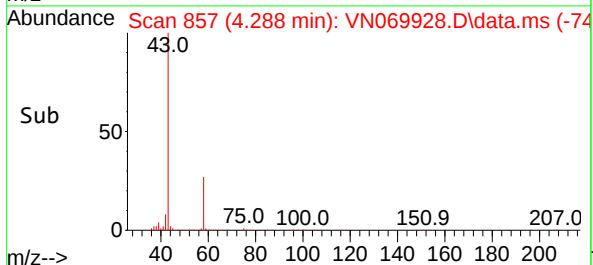
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

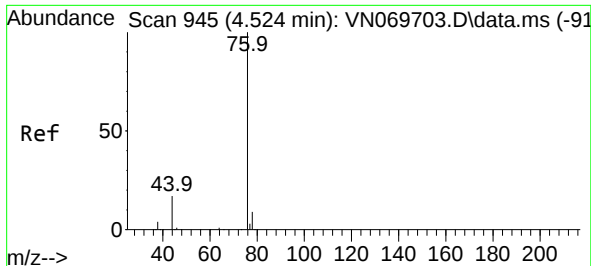


#16
Acetone
Concen: 175.107 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17



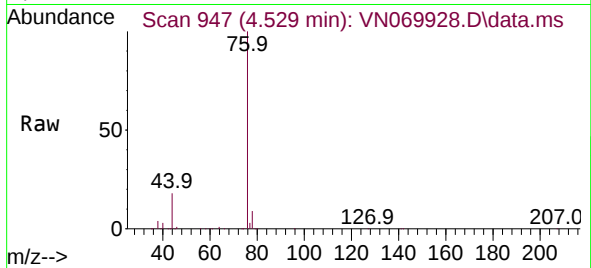
Tgt Ion: 43 Resp: 1680527
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





#17
Carbon Disulfide
Concen: 49.688 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

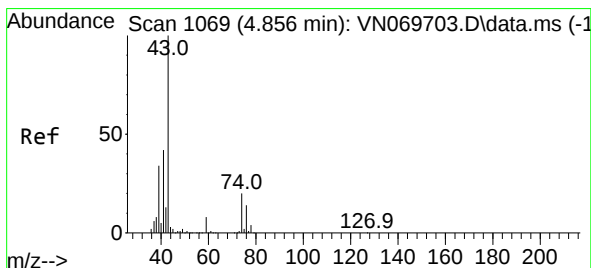
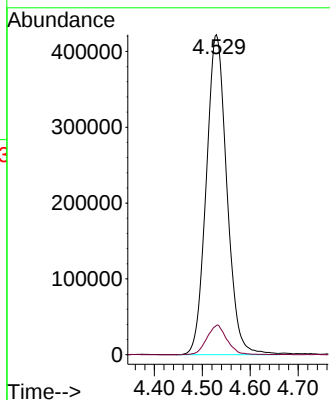
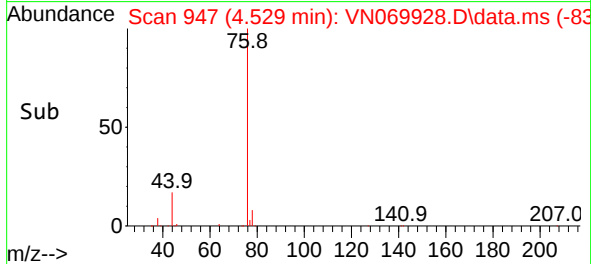
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



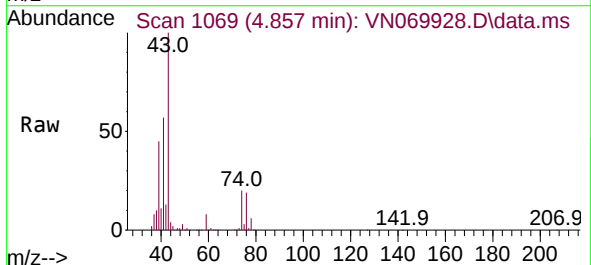
Tgt Ion: 76 Resp: 1263494
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
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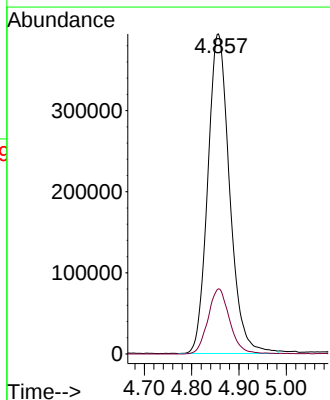
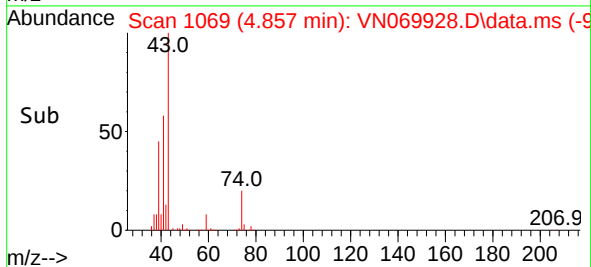
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

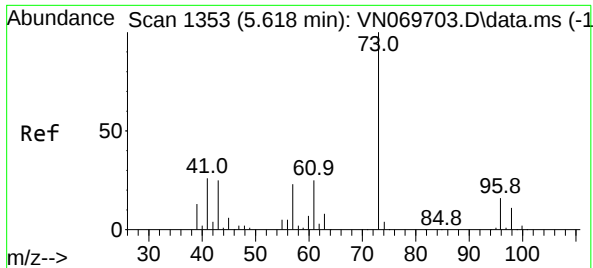


#18
Methyl Acetate
Concen: 43.725 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17



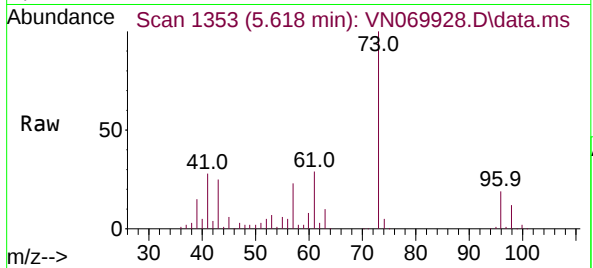
Tgt Ion: 43 Resp: 1266632
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 48.484 ug/l
RT: 5.618 min Scan# 1153
Delta R.T. 0.000 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

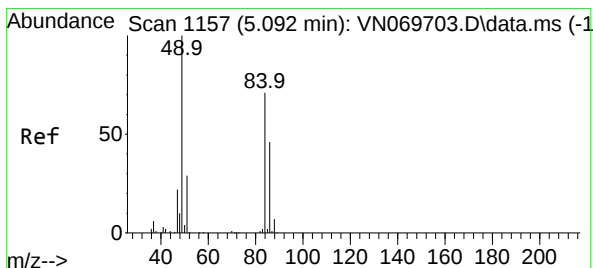
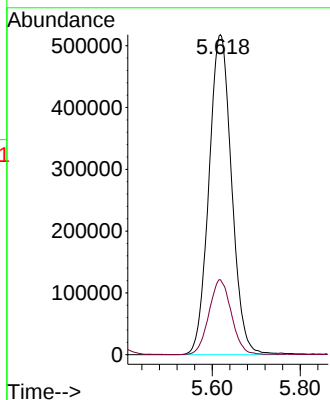
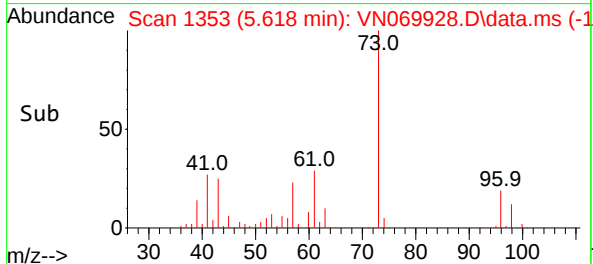
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 185553
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

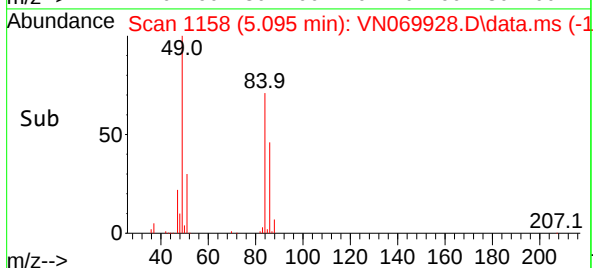
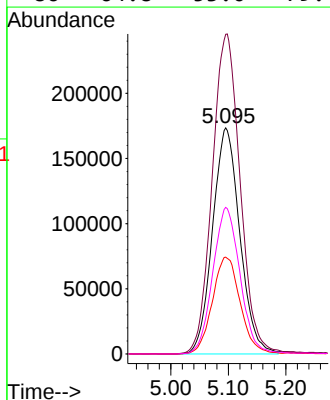
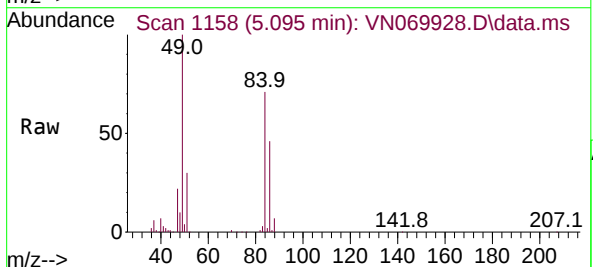
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#20
Methylene Chloride
Concen: 44.804 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

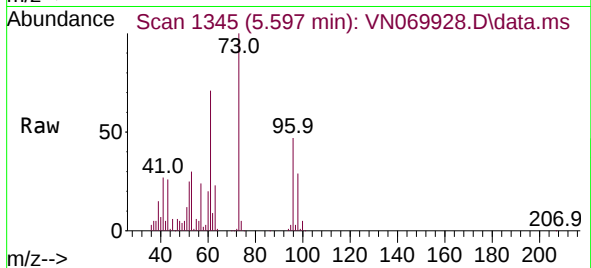
Tgt Ion: 84 Resp: 571628
Ion Ratio Lower Upper
84 100
49 141.3 93.5 140.3#
51 42.9 29.4 44.2
86 64.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.166 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

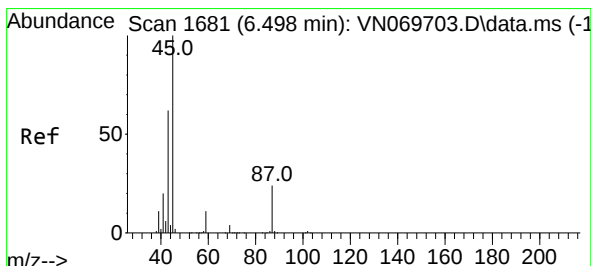
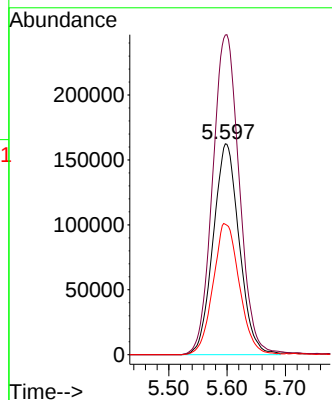
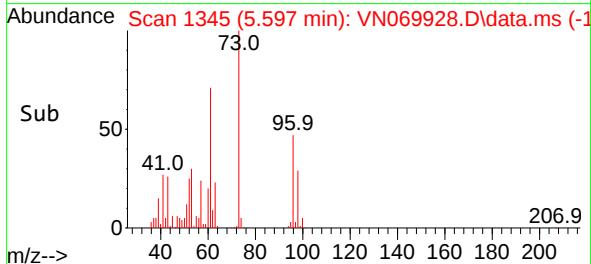
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 504230
Ion Ratio Lower Upper
96 100
61 151.6 105.8 158.6
98 61.8 52.0 78.0

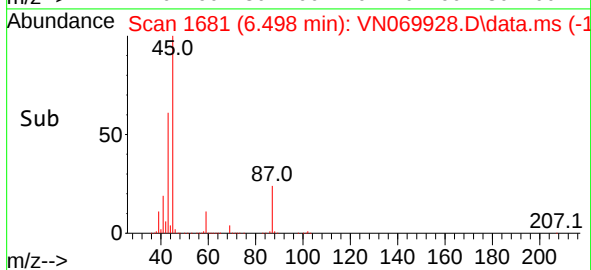
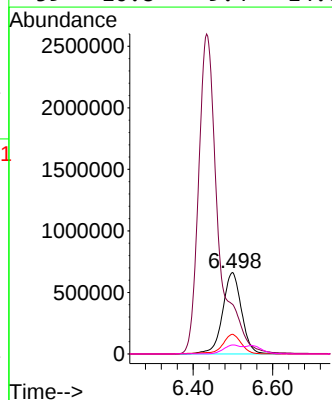
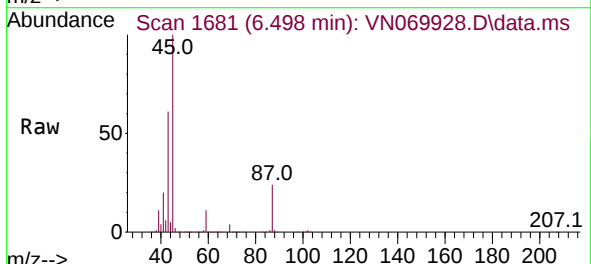
Manual Integrations
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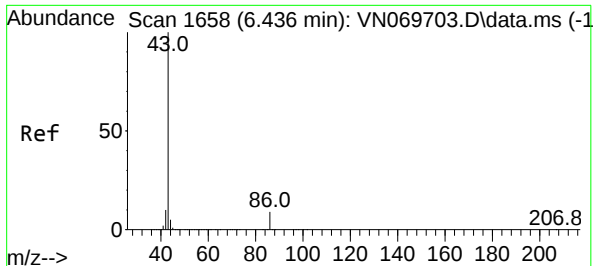
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#22
Diisopropyl ether
Concen: 50.271 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Tgt Ion: 45 Resp: 2179247
Ion Ratio Lower Upper
45 100
43 60.8 51.7 77.5
87 24.2 23.2 34.8
59 10.8 9.4 14.0





#23

Vinyl Acetate

Concen: 252.026 ug/l

RT: 6.434 min Scan# 1

Delta R.T. -0.002 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 888840

Ion Ratio Lower Upper

43 100

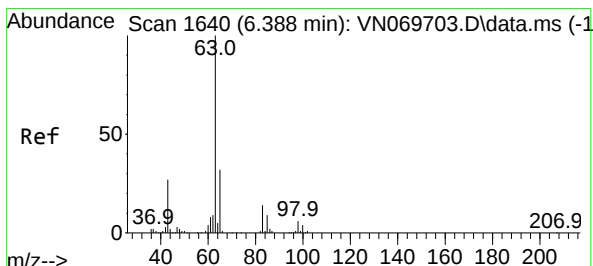
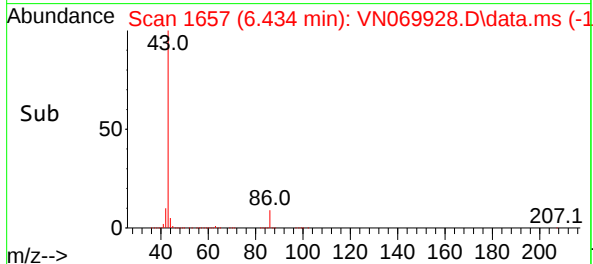
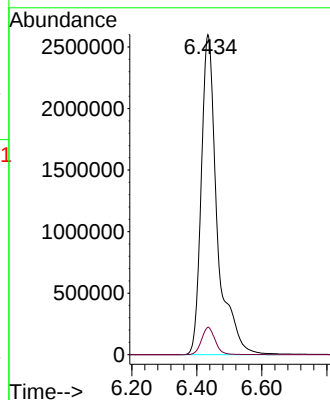
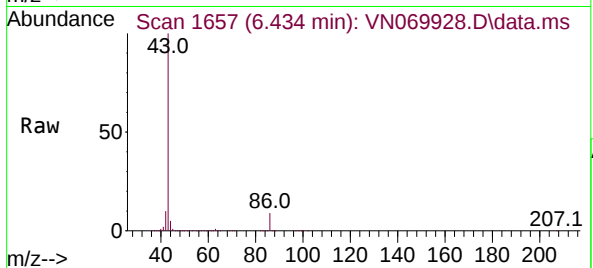
86 8.6 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#24

1,1-Dichloroethane

Concen: 48.894 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

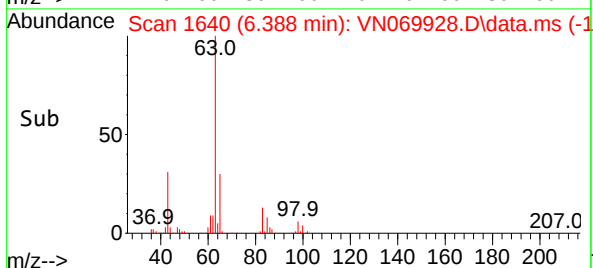
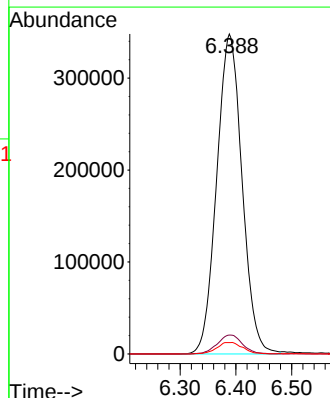
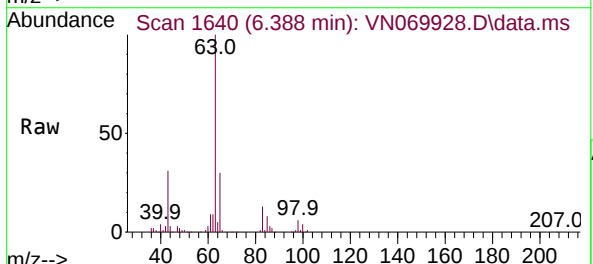
Tgt Ion: 63 Resp: 1097954

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 3.6 2.1 6.5





#25

2-Butanone

Concen: 202.312 ug/l

RT: 7.335 min Scan# 1994

Delta R.T. -0.002 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 263810

Ion Ratio Lower Upper

43 100

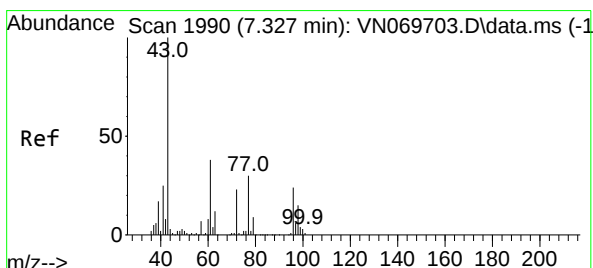
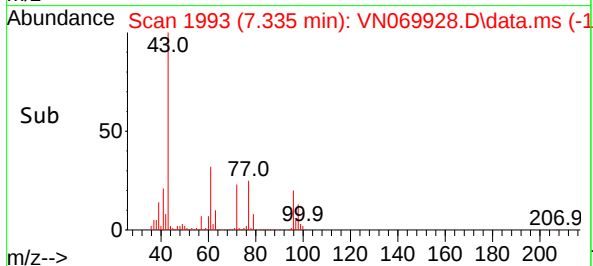
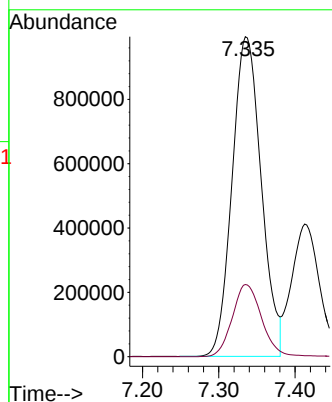
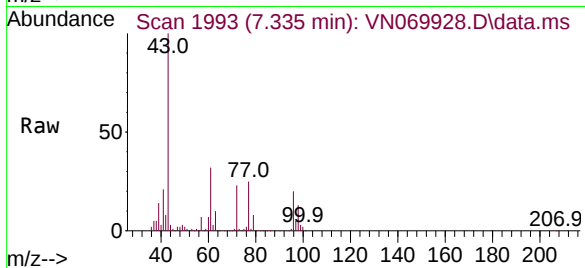
72 22.6 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#26

2,2-Dichloropropane

Concen: 46.537 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.002 min

Lab File: VN069928.D

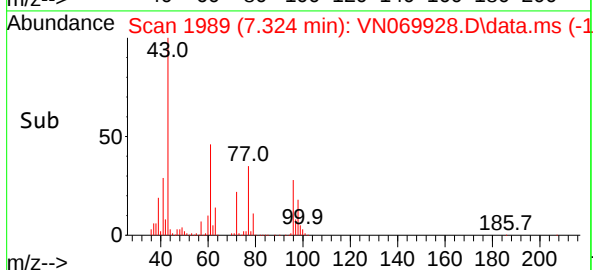
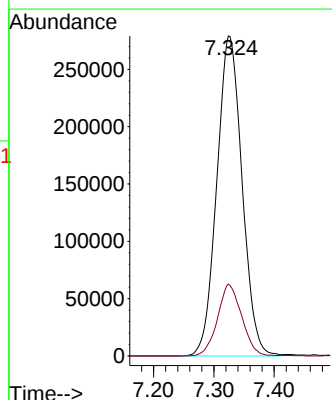
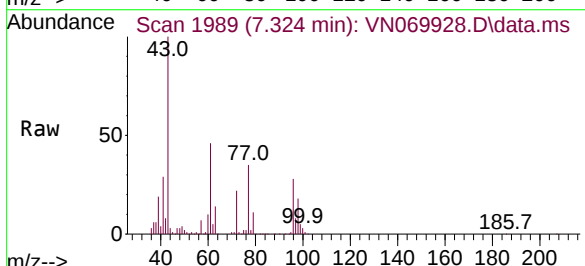
Acq: 9 Dec 2021 22:17

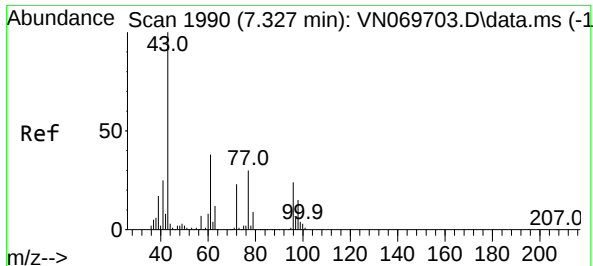
Tgt Ion: 77 Resp: 812528

Ion Ratio Lower Upper

77 100

97 21.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 47.270 ug/l

RT: 7.324 min Scan# 1990

Delta R.T. -0.002 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

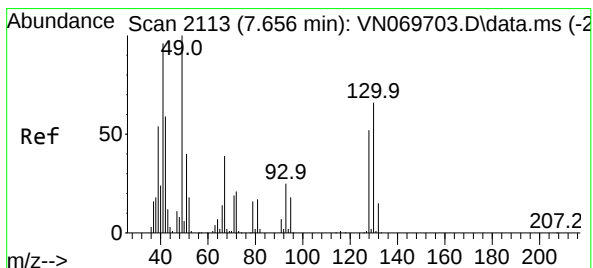
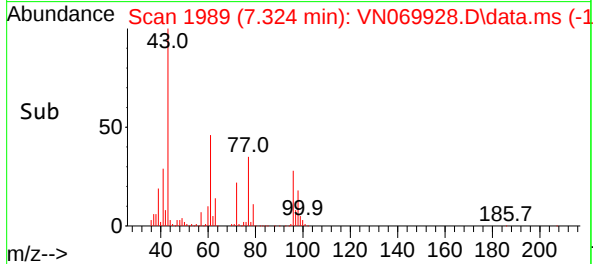
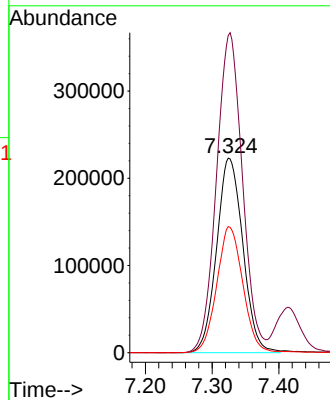
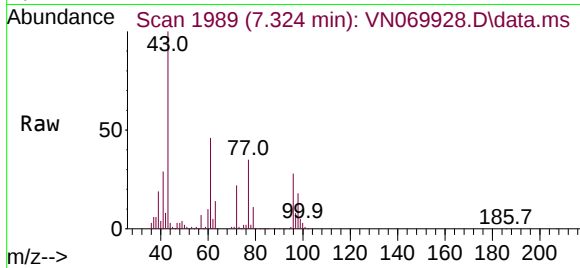
Tgt Ion:	96	Resp:	610549
Ion	Ratio	Lower	Upper
96	100		
61	162.2	0.0	275.0
98	64.3	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#28

Bromochloromethane

Concen: 49.543 ug/l

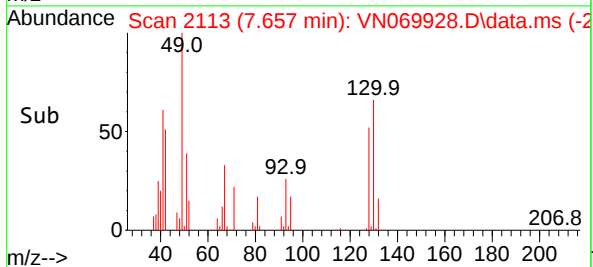
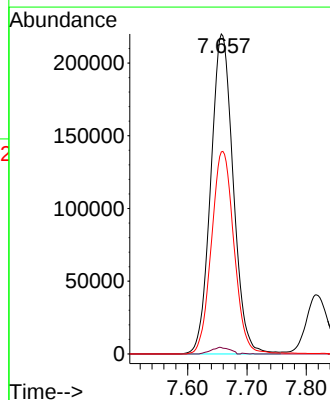
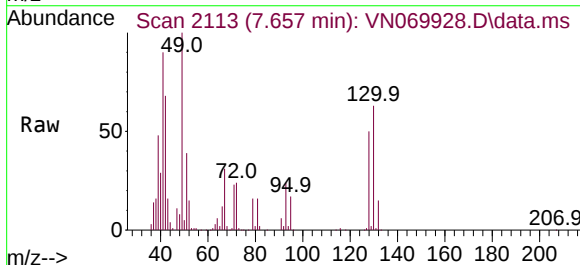
RT: 7.657 min Scan# 2113

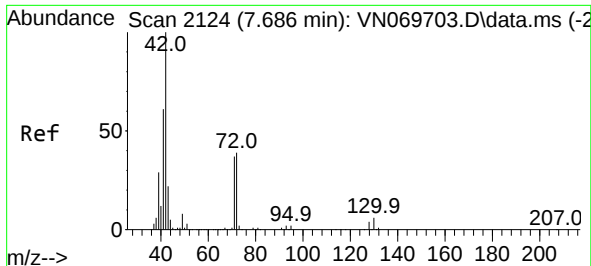
Delta R.T. 0.000 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

Tgt Ion:	49	Resp:	578532
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	63.5	67.8	101.8





#29

Tetrahydrofuran

Concen: 217.848 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.002 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 172493

Ion Ratio Lower Upper

42 100

72 36.7 36.3 54.5

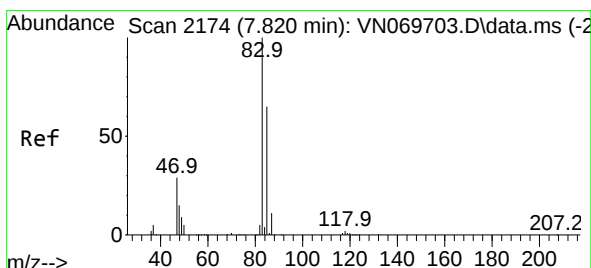
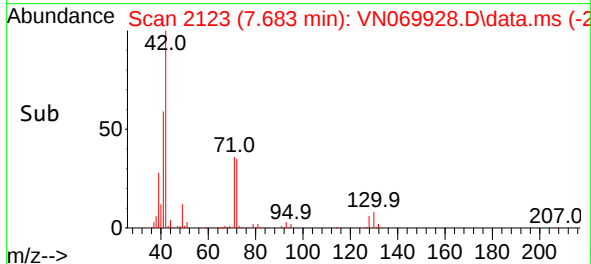
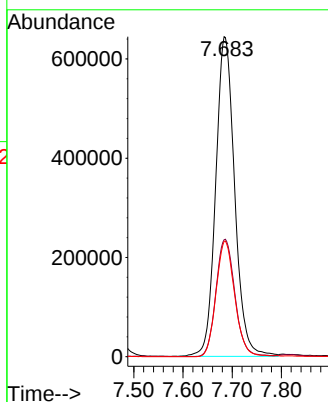
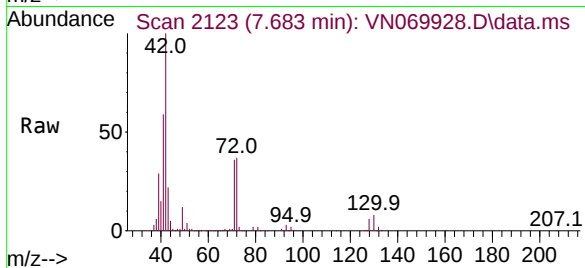
71 35.7 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#30

Chloroform

Concen: 48.370 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069928.D

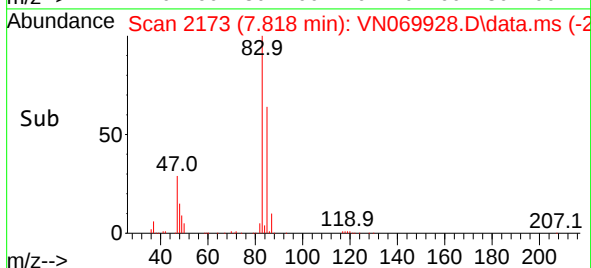
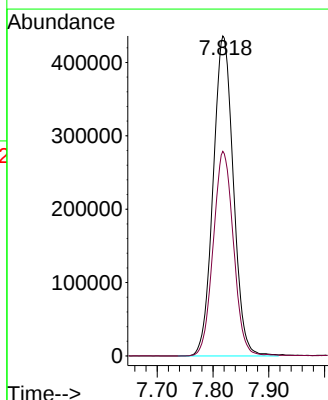
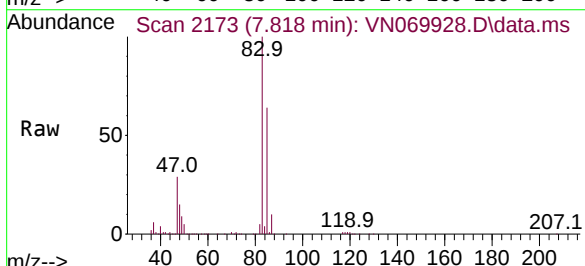
Acq: 9 Dec 2021 22:17

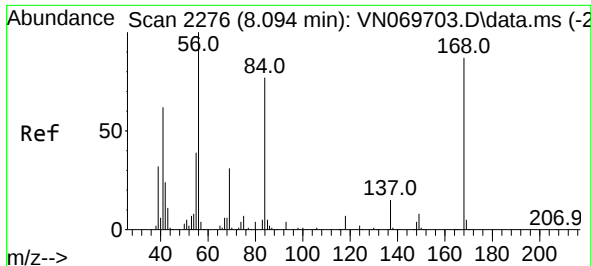
Tgt Ion: 83 Resp: 1096989

Ion Ratio Lower Upper

83 100

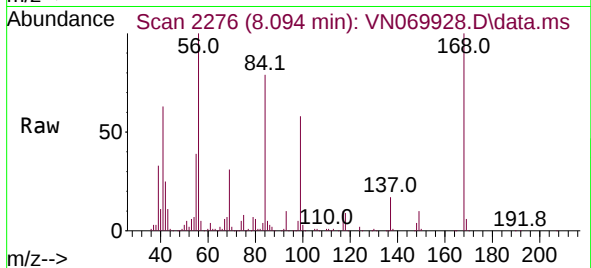
85 64.0 51.9 77.9





#31
Cyclohexane
Concen: 45.891 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

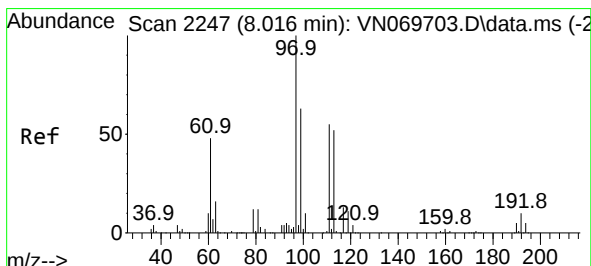
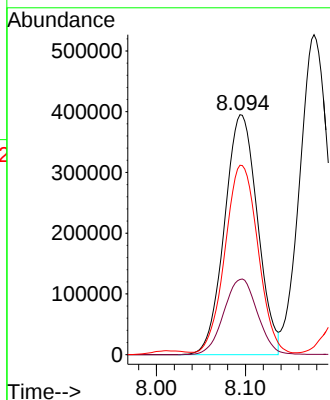
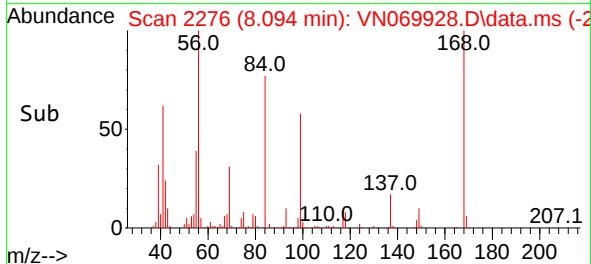
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 1018909
Ion Ratio Lower Upper
56 100
69 31.4 27.1 40.7
84 77.4 73.4 110.0

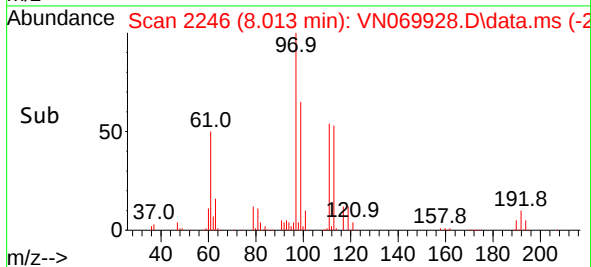
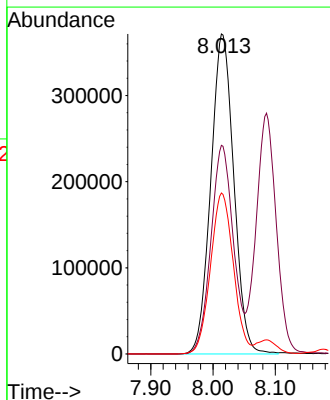
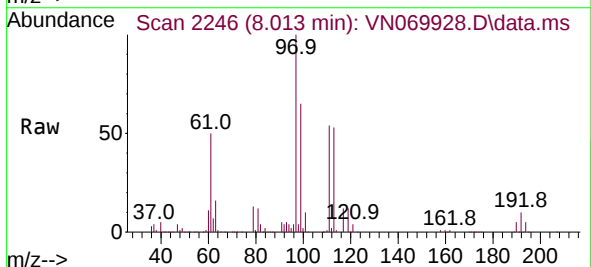
Manual Integrations
APPROVED

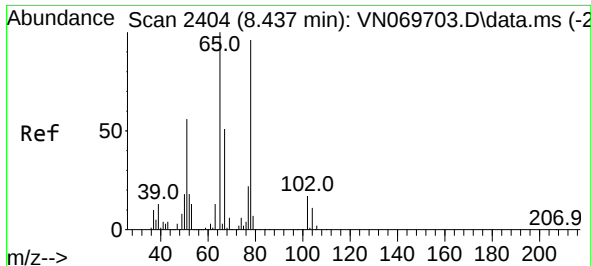
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#32
1,1,1-Trichloroethane
Concen: 49.350 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Tgt Ion: 97 Resp: 953345
Ion Ratio Lower Upper
97 100
99 63.4 50.1 75.1
61 50.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.677 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 792548

Ion Ratio Lower Upper

65 100

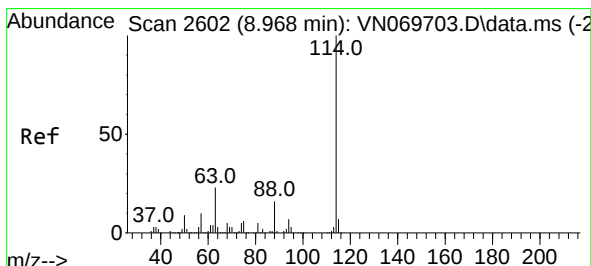
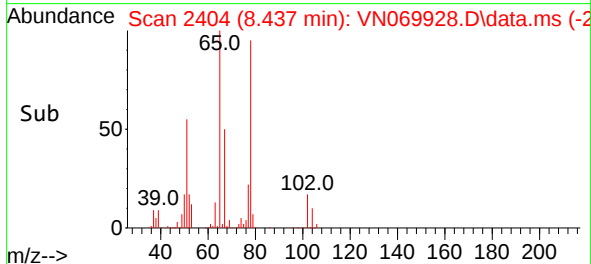
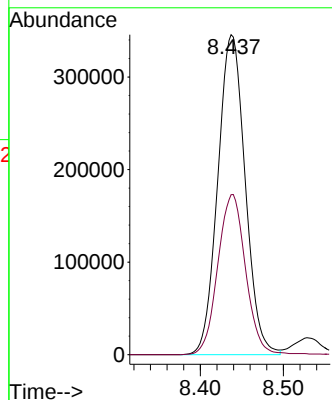
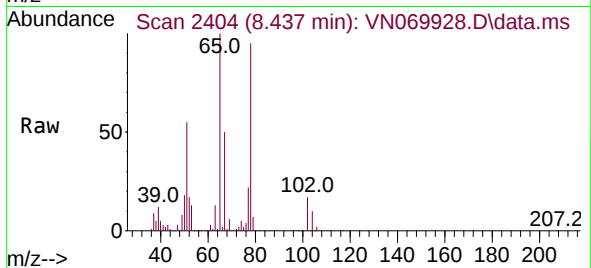
67 50.7 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

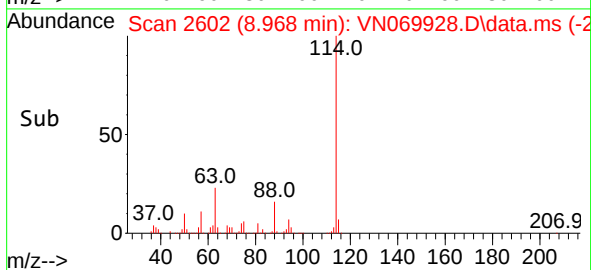
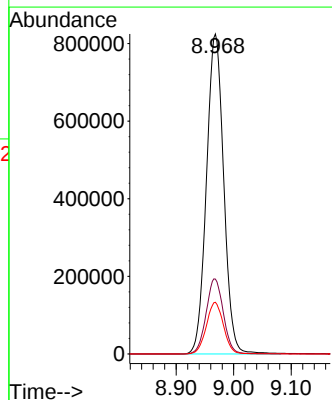
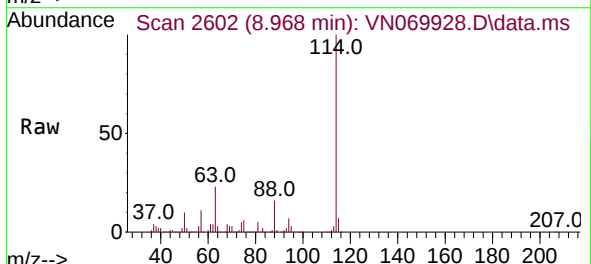
Tgt Ion:114 Resp: 1718599

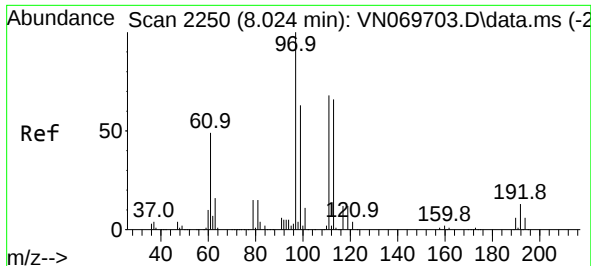
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

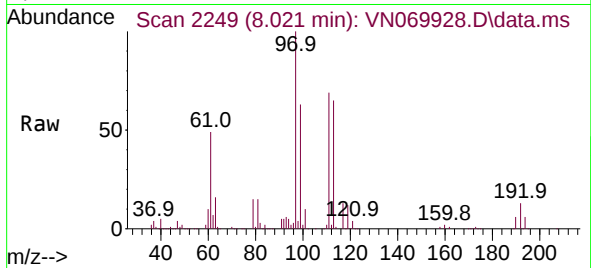
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.269 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

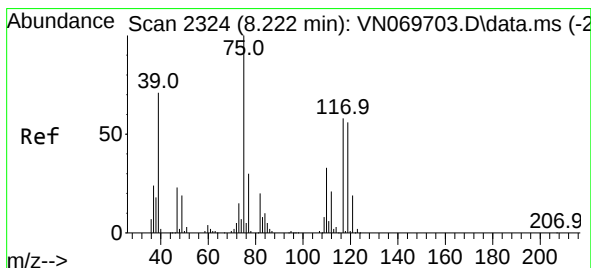
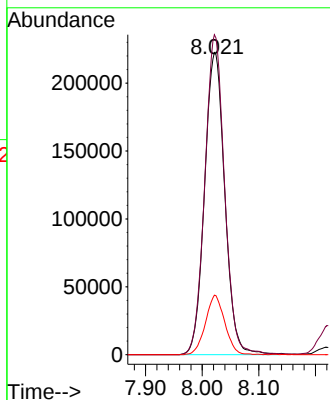
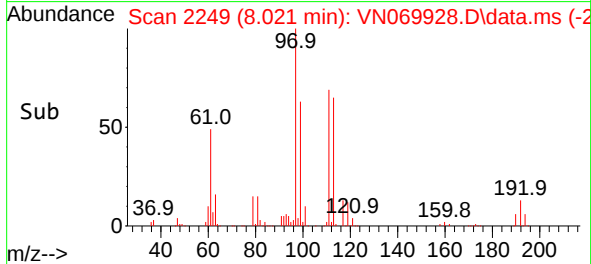
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 551904
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.8 16.9 25.3

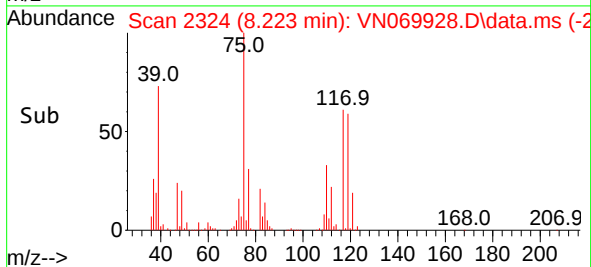
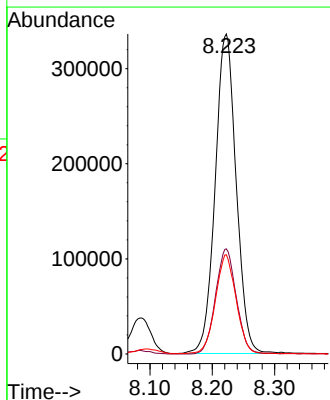
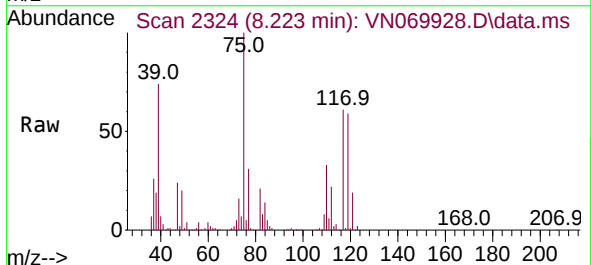
Manual Integrations
APPROVED

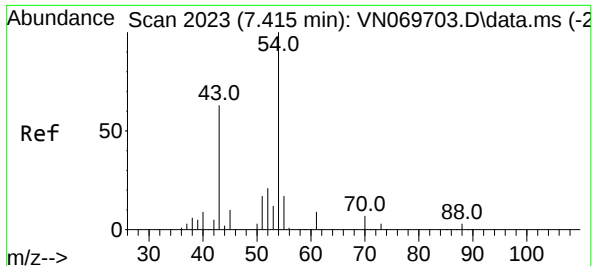
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#36
1,1-Dichloropropene
Concen: 48.086 ug/l
RT: 8.223 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Tgt Ion: 75 Resp: 786713
Ion Ratio Lower Upper
75 100
110 32.5 18.4 55.2
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 43.926 ug/l

RT: 7.413 min Scan# 2023

Delta R.T. -0.002 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 106962

Ion Ratio Lower Upper

43 100

61 11.9 11.5 17.3

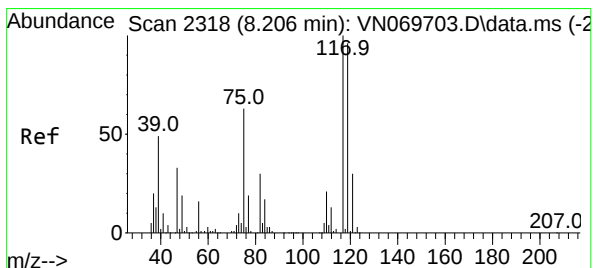
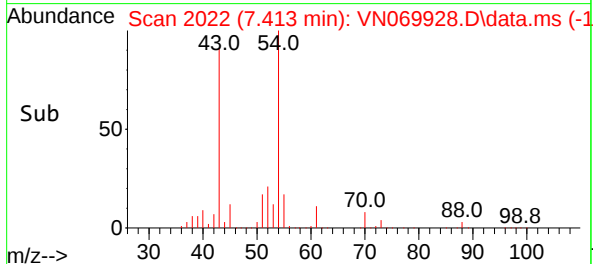
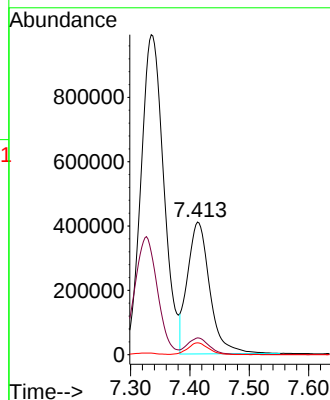
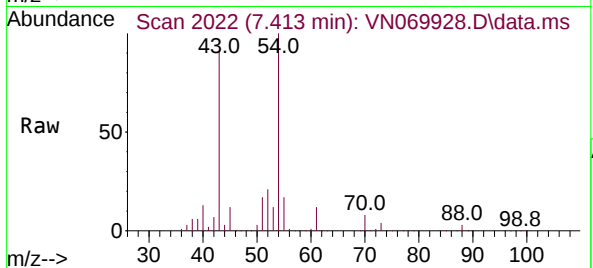
70 8.3 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#38

Carbon Tetrachloride

Concen: 51.444 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

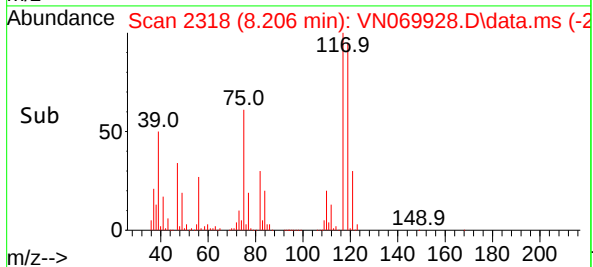
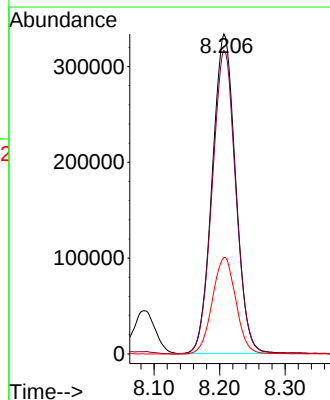
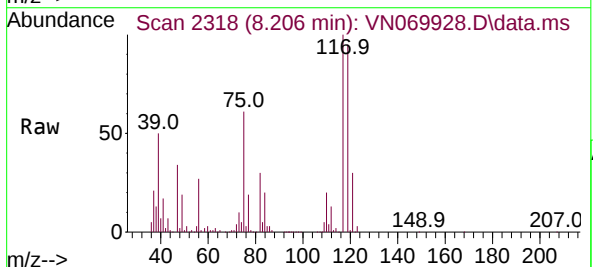
Tgt Ion:117 Resp: 825339

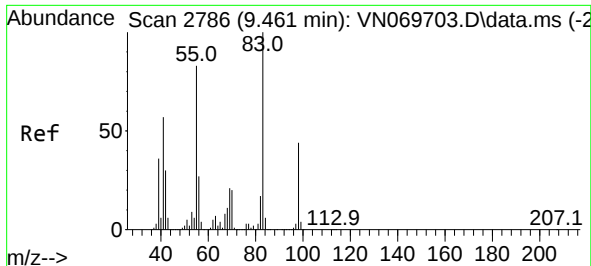
Ion Ratio Lower Upper

117 100

119 94.9 76.1 114.1

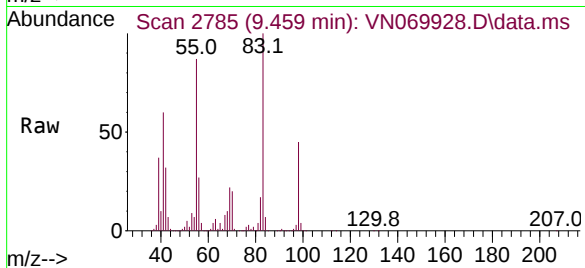
121 30.2 24.2 36.2





#39
Methylcyclohexane
Concen: 47.172 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

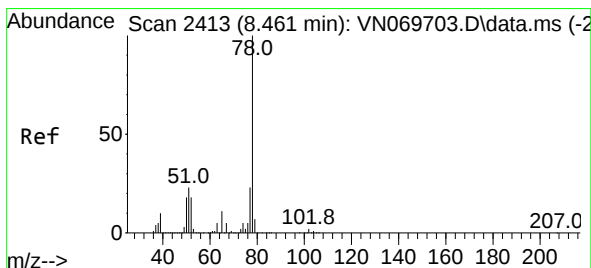
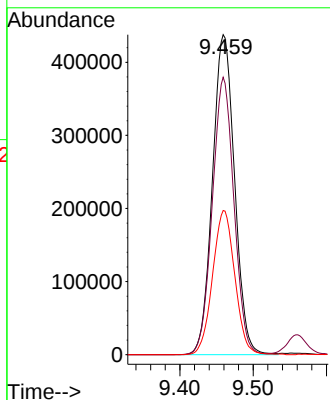
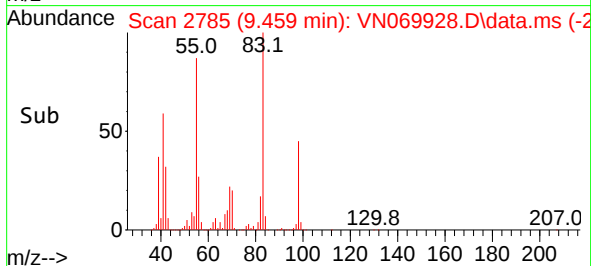
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 917992
Ion Ratio Lower Upper
83 100
55 86.7 58.1 87.1
98 45.1 38.4 57.6

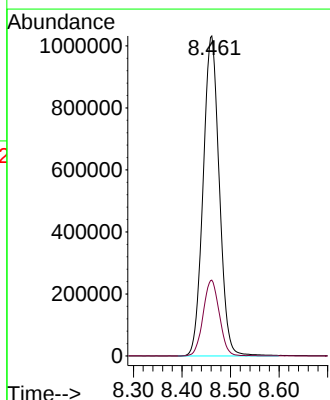
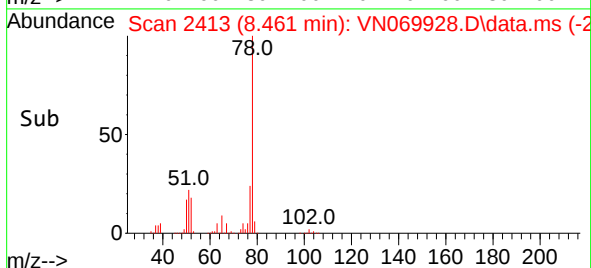
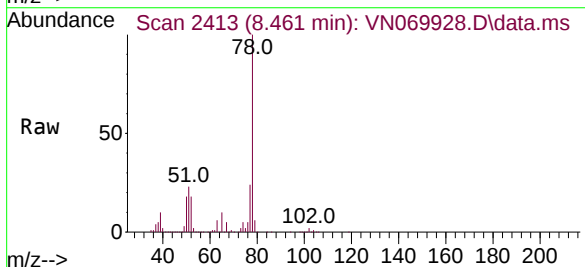
Manual Integrations
APPROVED

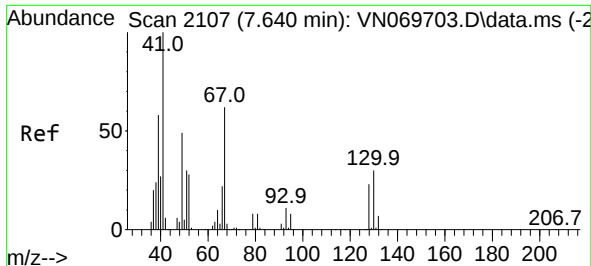
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#40
Benzene
Concen: 47.772 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Tgt Ion: 78 Resp: 2388980
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





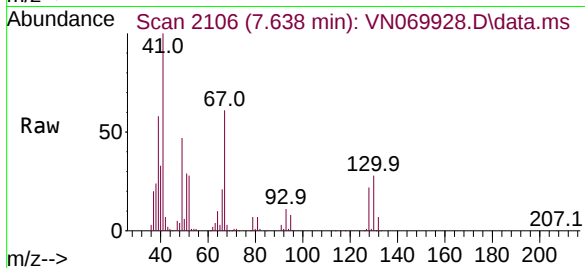
#41
Methacrylonitrile
Concen: 47.139 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

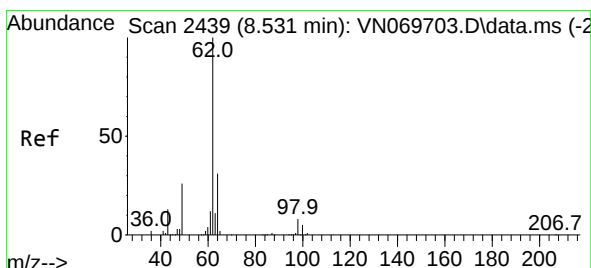
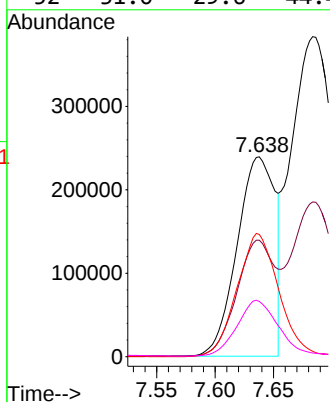
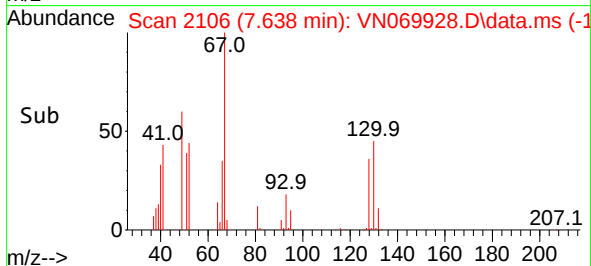


Tgt Ion: 41 Resp: 538840
Ion Ratio Lower Upper
41 100
39 60.3 48.1 72.1
67 69.3 68.3 102.5
52 31.0 29.6 44.4

Manual Integrations

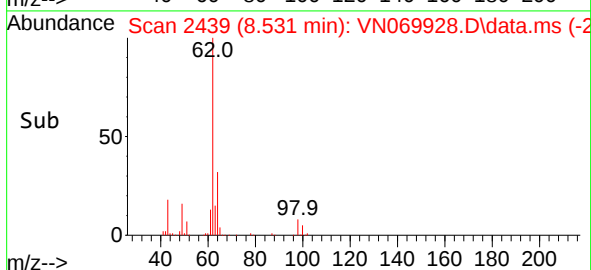
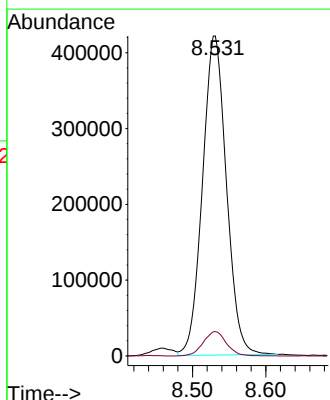
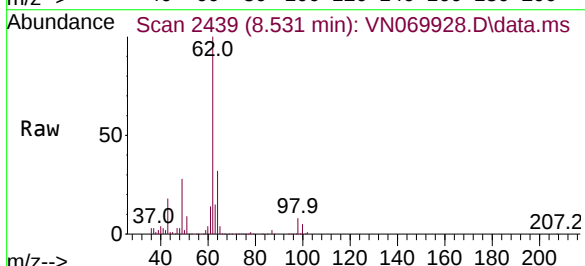
APPROVED

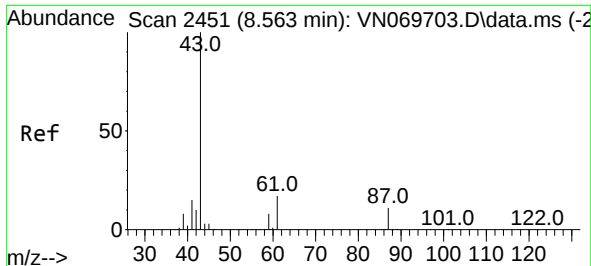
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 47.248 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

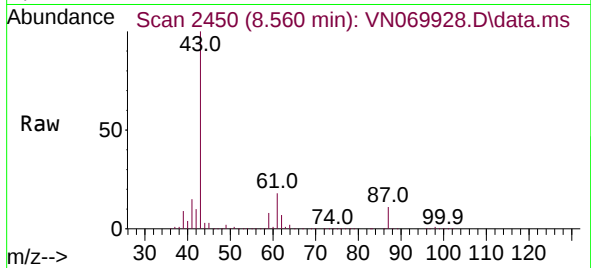
Tgt Ion: 62 Resp: 953796
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 47.021 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

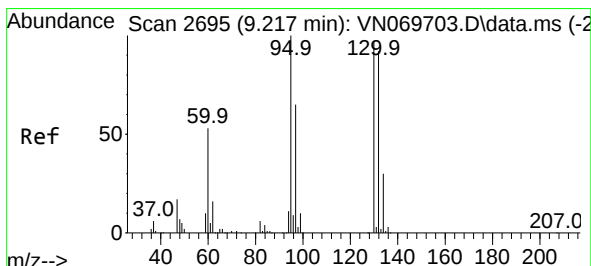
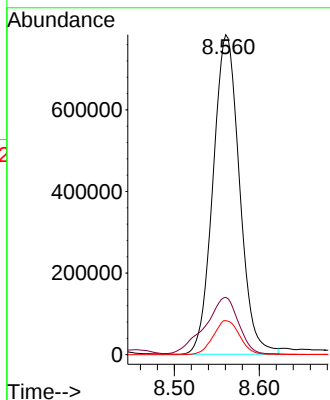
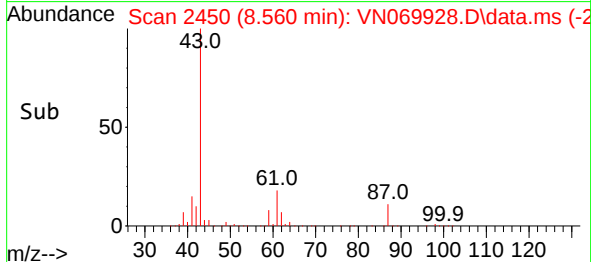
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1694384
Ion Ratio Lower Upper
43 100
61 23.0 20.4 30.6
87 10.8 11.2 16.8

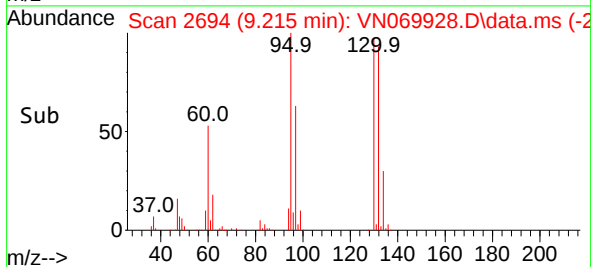
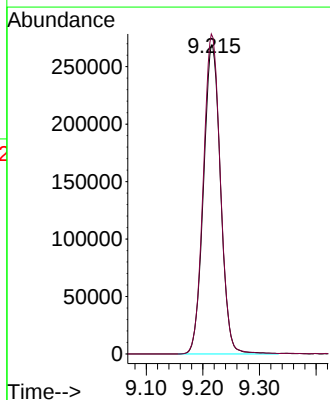
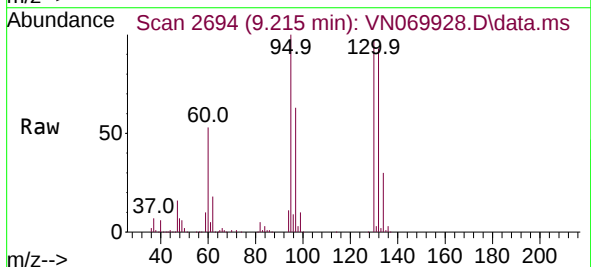
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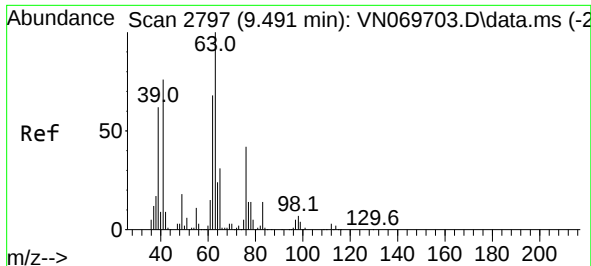
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 47.049 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Tgt Ion:130 Resp: 561572
Ion Ratio Lower Upper
130 100
95 103.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 48.575 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 652300

Ion Ratio Lower Upper

63 100

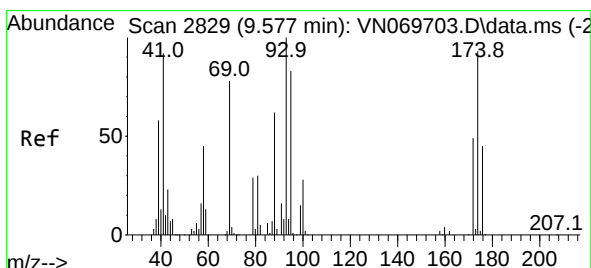
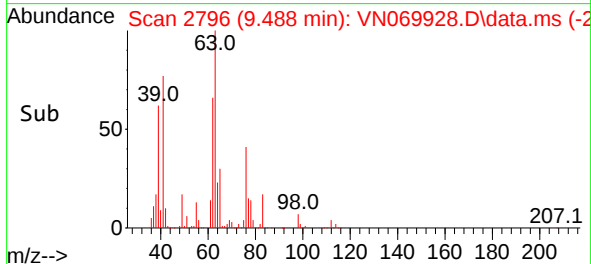
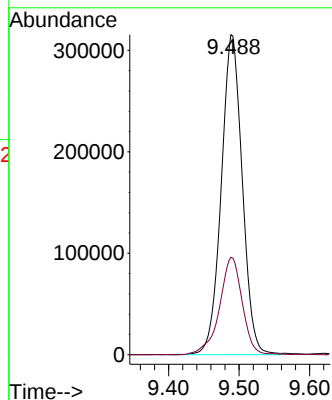
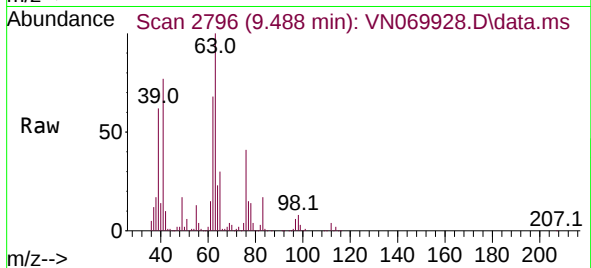
65 30.4 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#46

Dibromomethane

Concen: 48.311 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

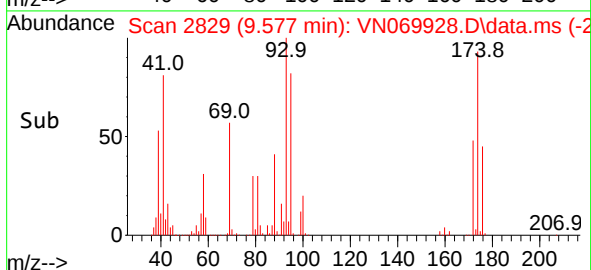
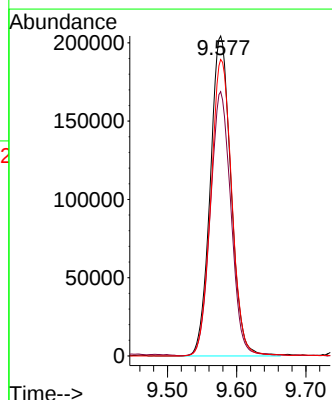
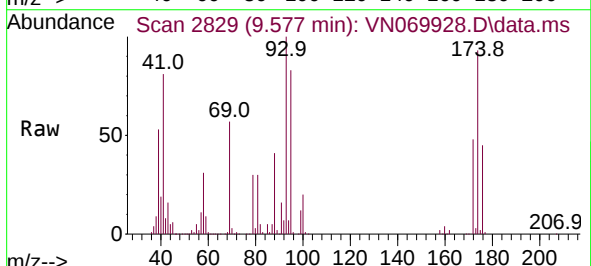
Tgt Ion: 93 Resp: 425478

Ion Ratio Lower Upper

93 100

95 81.6 65.9 98.9

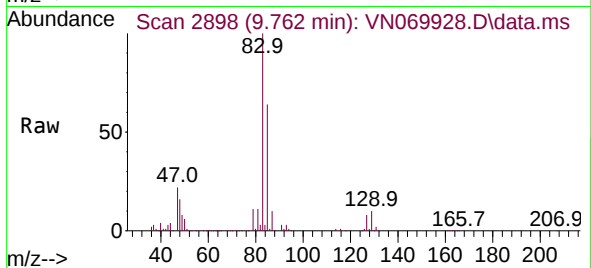
174 93.1 84.6 127.0





#47
Bromodichloromethane
Concen: 52.942 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

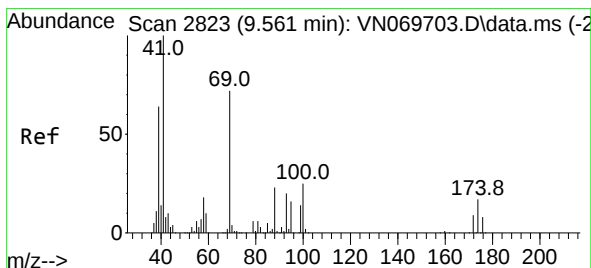
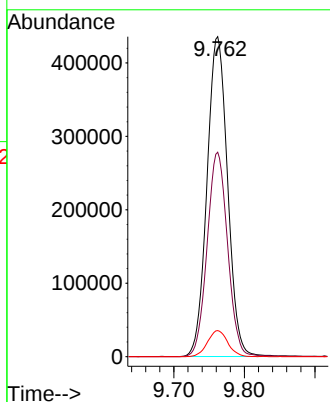
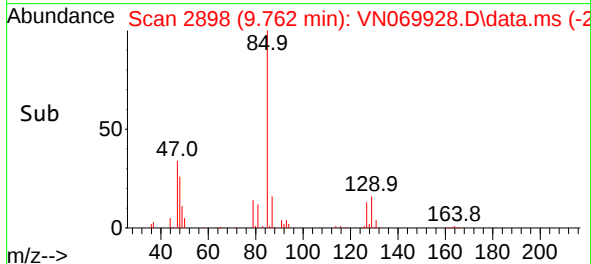
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 882814
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 8.2 7.1 10.7

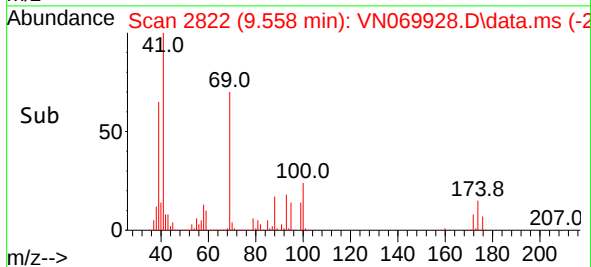
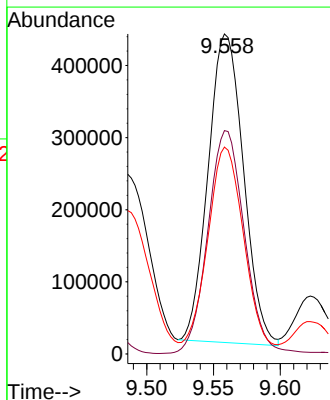
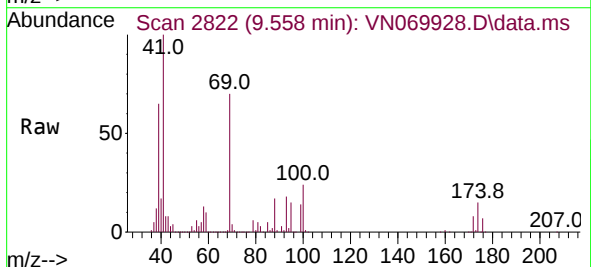
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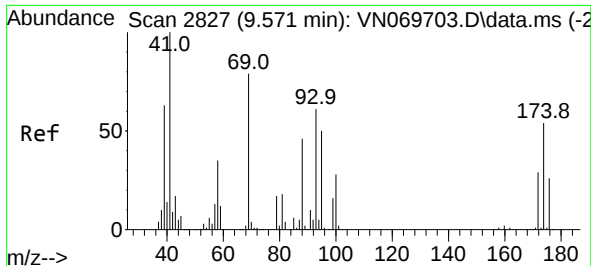
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 46.865 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Tgt Ion: 41 Resp: 788113
Ion Ratio Lower Upper
41 100
69 74.7 72.4 108.6
39 63.9 58.4 87.6





#49

1,4-Dioxane

Concen: 728.740 ug/l

RT: 9.569 min Scan# 21989

Delta R.T. -0.002 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 21989

Ion Ratio Lower Upper

88 100

43 36.8 23.4 35.2

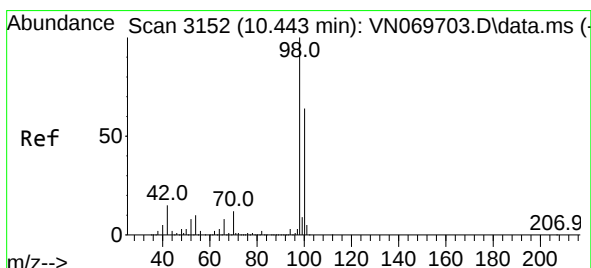
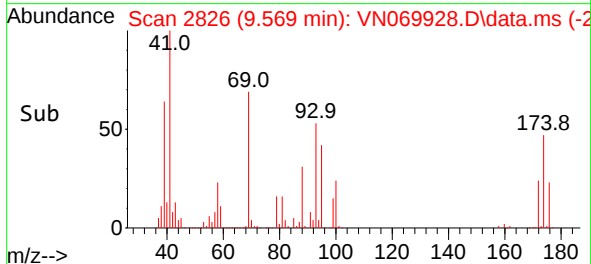
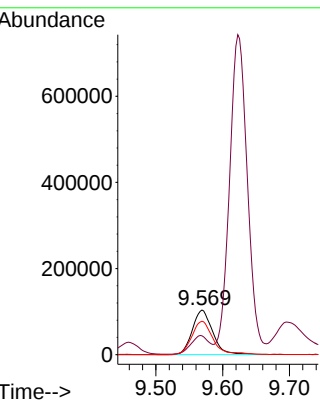
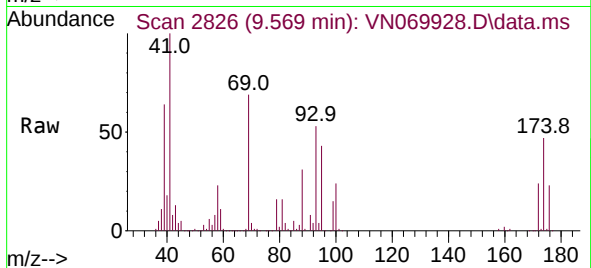
58 79.1 50.6 75.8

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#50

Toluene-d8

Concen: 49.095 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. -0.002 min

Lab File: VN069928.D

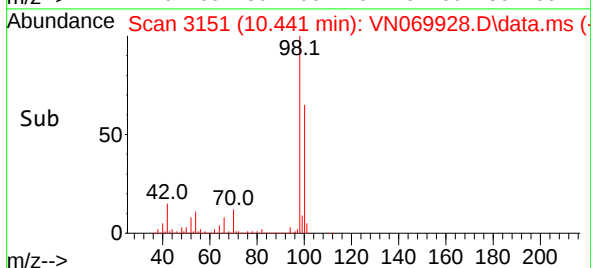
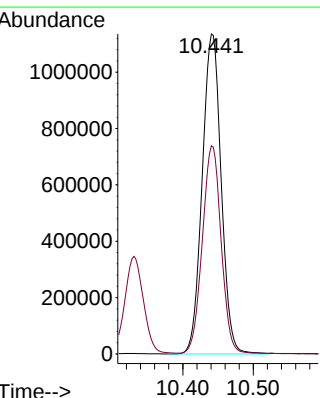
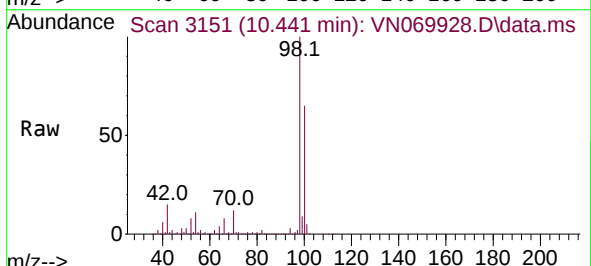
Acq: 9 Dec 2021 22:17

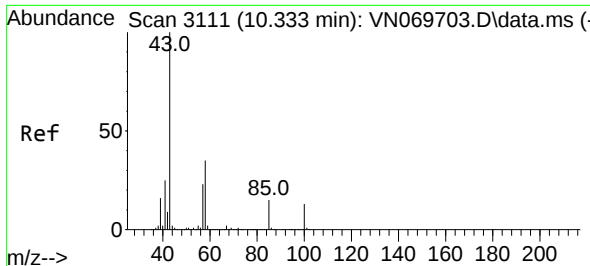
Tgt Ion: 98 Resp: 2122110

Ion Ratio Lower Upper

98 100

100 64.7 50.4 75.6





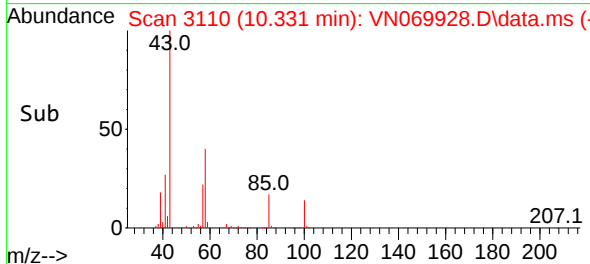
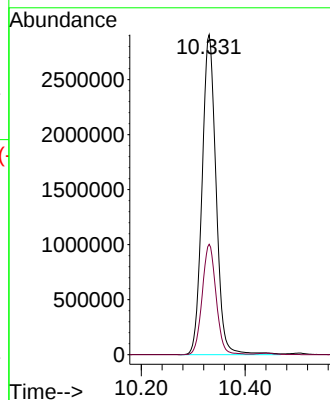
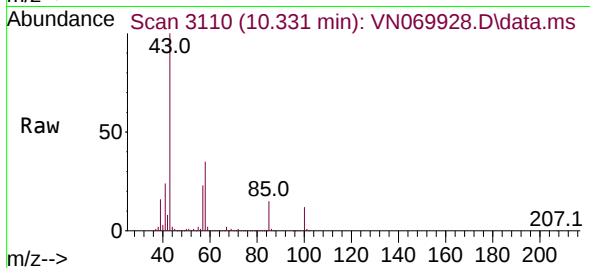
#51
4-Methyl-2-Pentanone
Concen: 232.358 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 543179
Ion Ratio Lower Upper
43 100
58 34.4 30.4 45.6

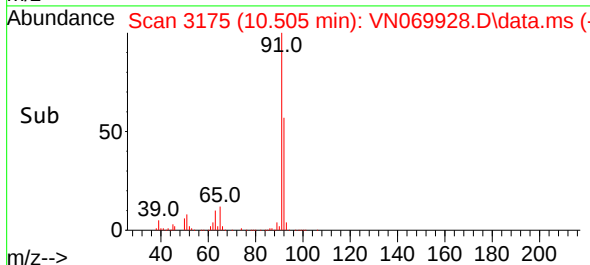
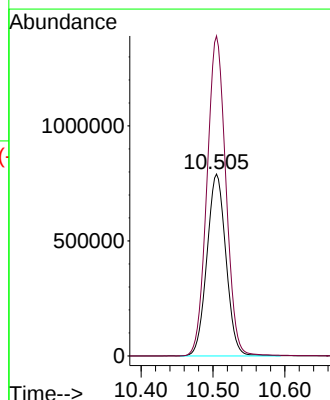
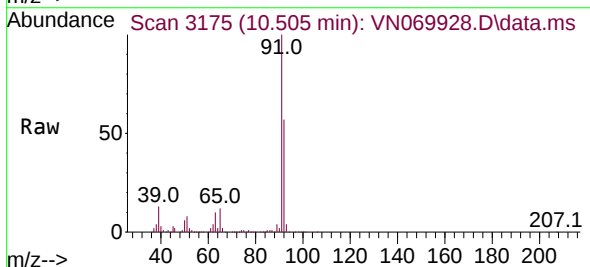
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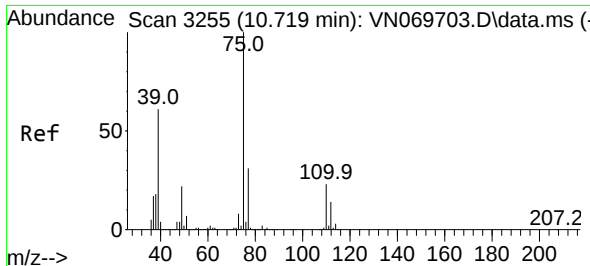
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 47.686 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

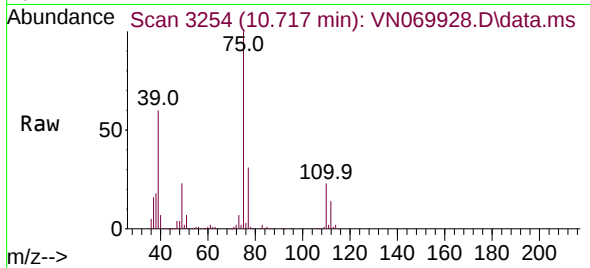
Tgt Ion: 92 Resp: 1455886
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 46.003 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

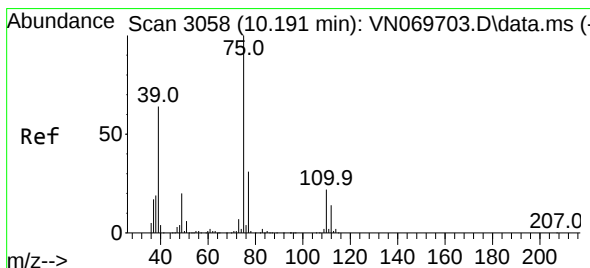
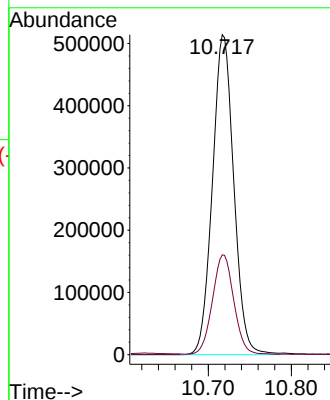
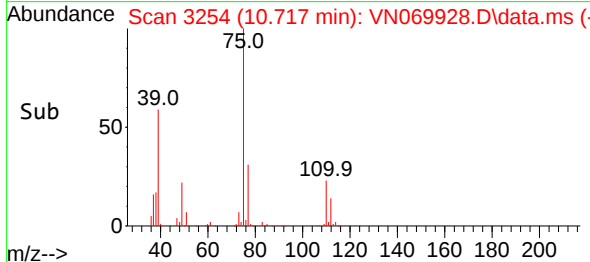
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



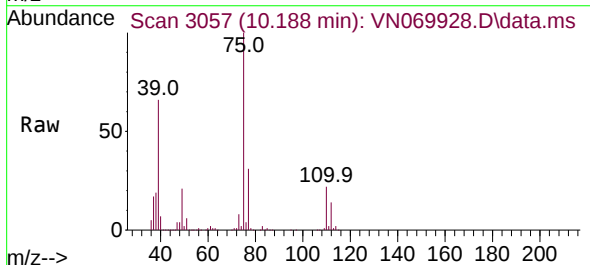
Tgt Ion: 75 Resp: 918028
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

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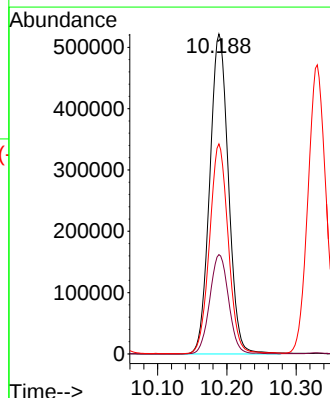
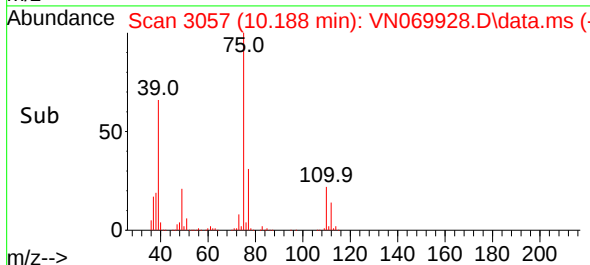
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

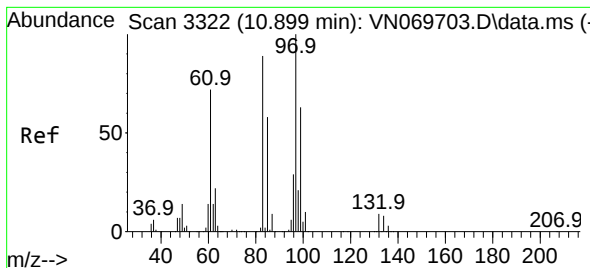


#54
cis-1,3-Dichloropropene
Concen: 46.679 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17



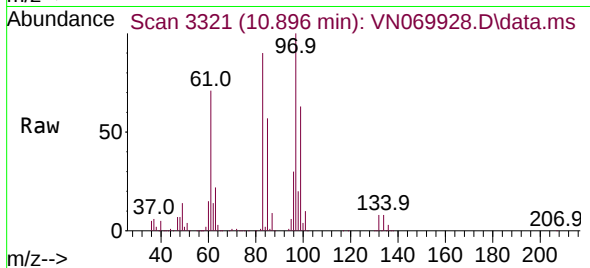
Tgt Ion: 75 Resp: 979760
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
39 65.6 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 47.421 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

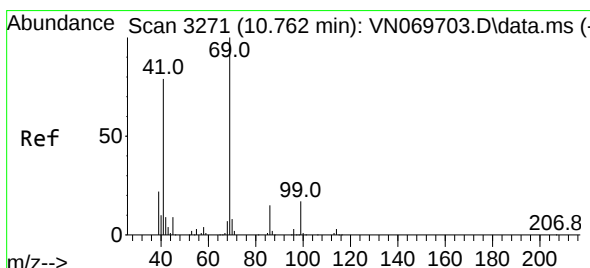
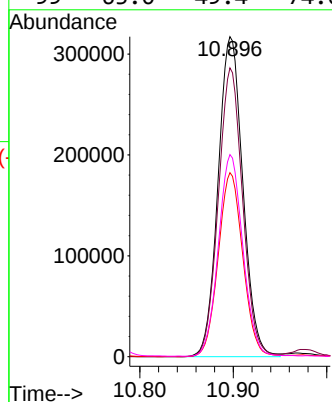
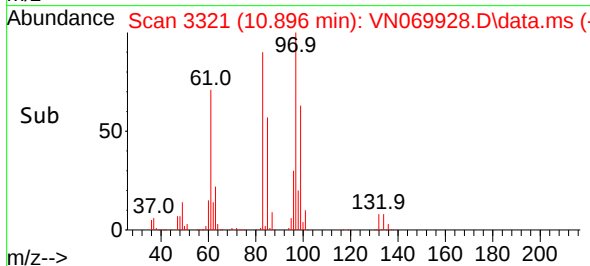
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



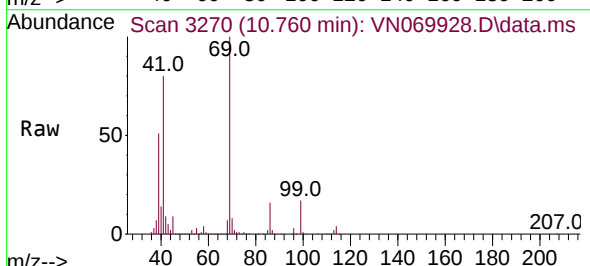
Tgt Ion: 97 Resp: 584156
Ion Ratio Lower Upper
97 100
83 90.2 67.8 101.6
85 57.5 45.4 68.2
99 63.0 49.4 74.0

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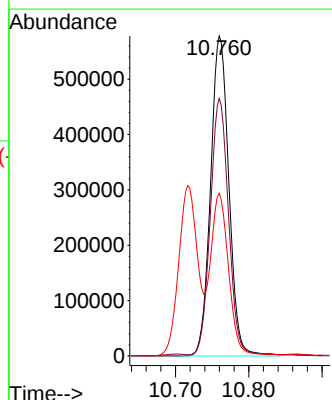
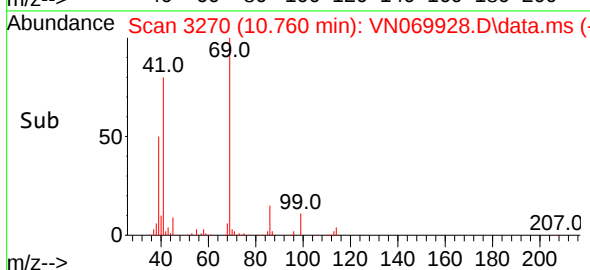
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#56
Ethyl methacrylate
Concen: 43.460 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17



Tgt Ion: 69 Resp: 1002893
Ion Ratio Lower Upper
69 100
41 79.2 51.4 77.0#
39 48.5 34.6 52.0





#57

1,3-Dichloropropane

Concen: 47.639 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 1033302

Ion Ratio Lower Upper

76 100

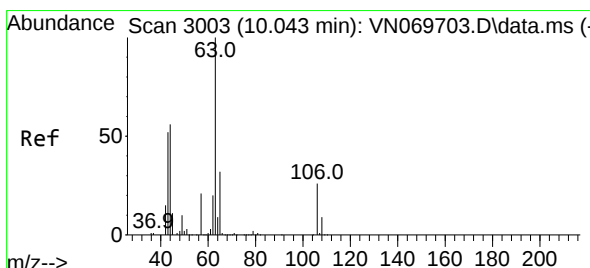
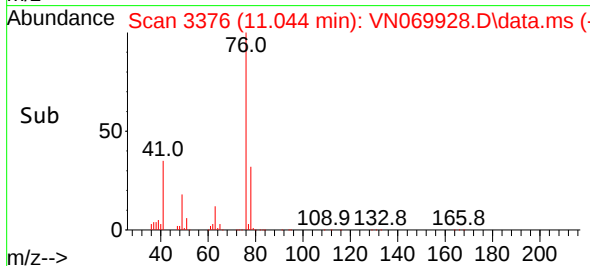
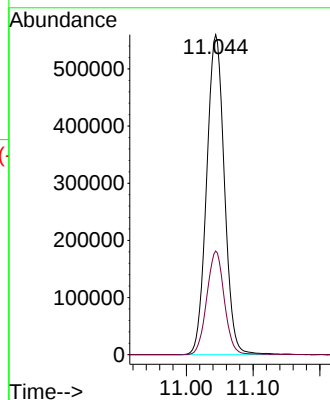
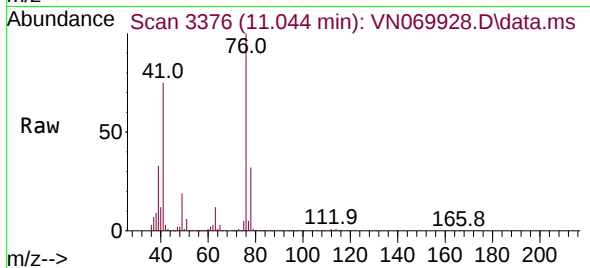
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 188.501 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069928.D

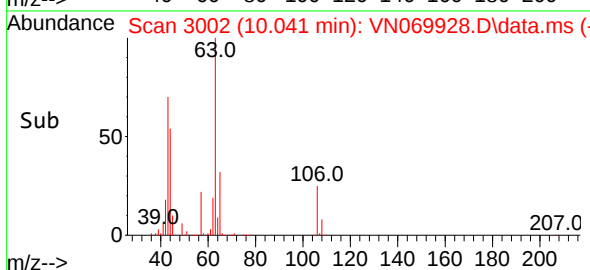
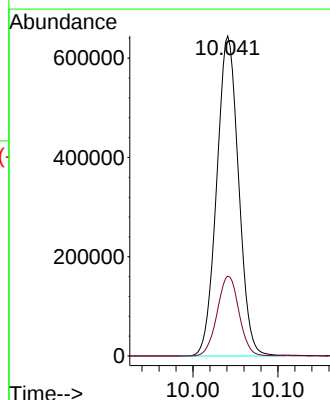
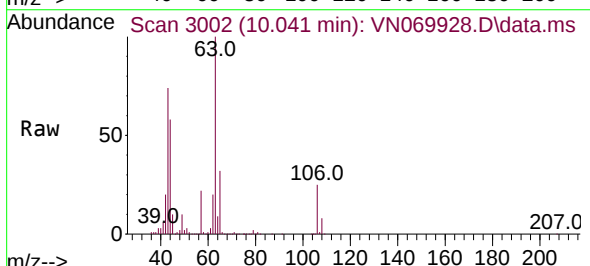
Acq: 9 Dec 2021 22:17

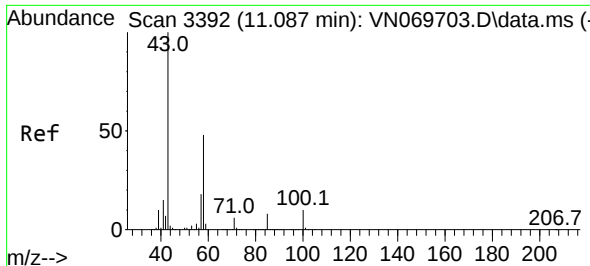
Tgt Ion: 63 Resp: 1152521

Ion Ratio Lower Upper

63 100

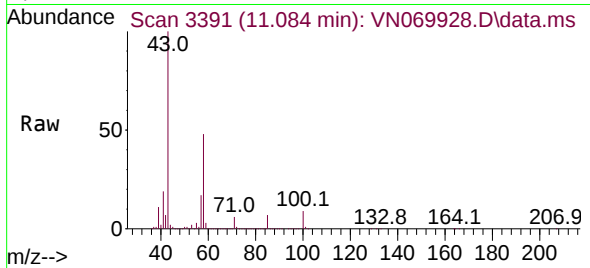
106 25.0 23.9 35.9





#59
2-Hexanone
Concen: 212.705 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

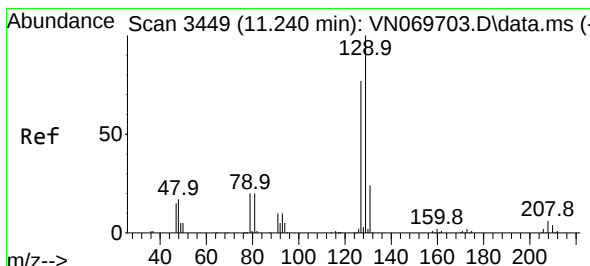
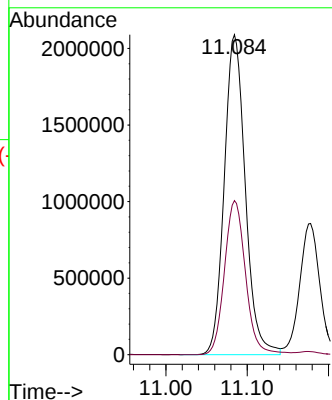
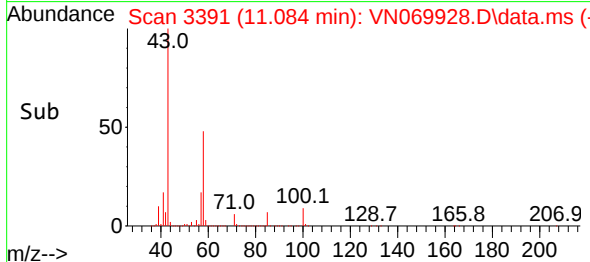
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 376143
Ion Ratio Lower Upper
43 100
58 48.4 26.9 80.7

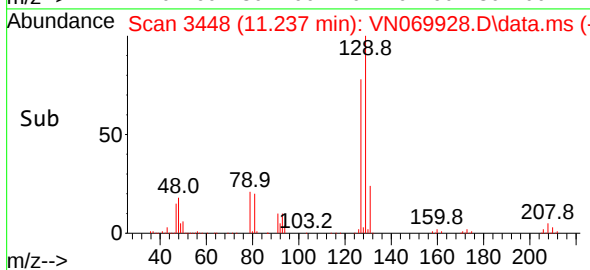
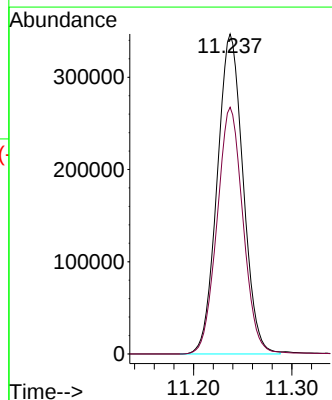
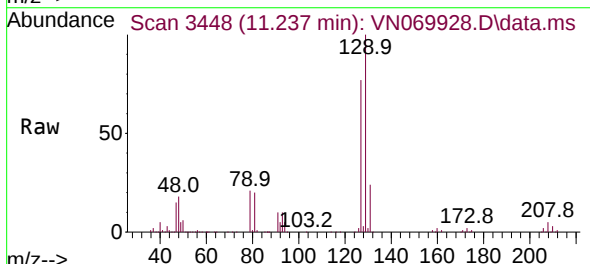
Manual Integrations
APPROVED

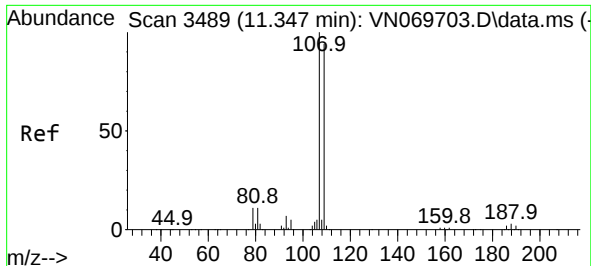
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 48.208 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

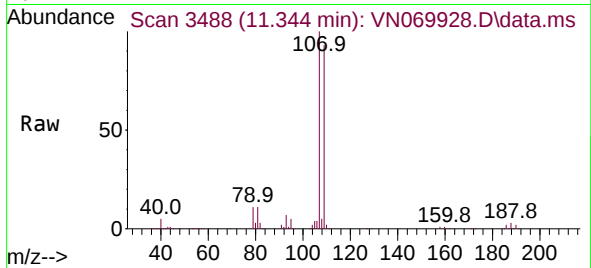
Tgt Ion:129 Resp: 635107
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 47.086 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

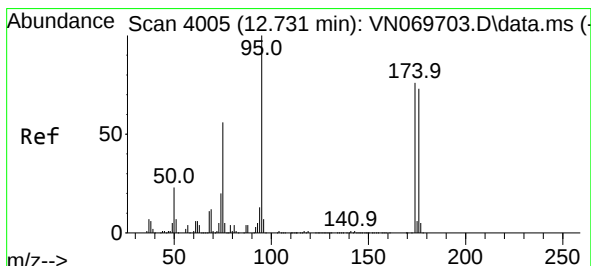
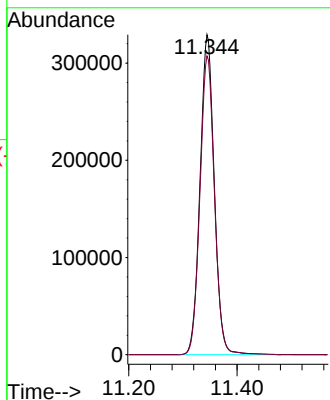
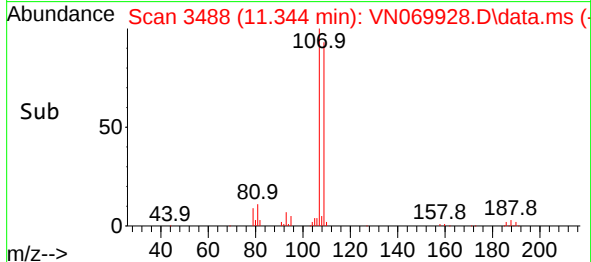
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 600760
Ion Ratio Lower Upper
107 100
109 95.0 75.7 113.5

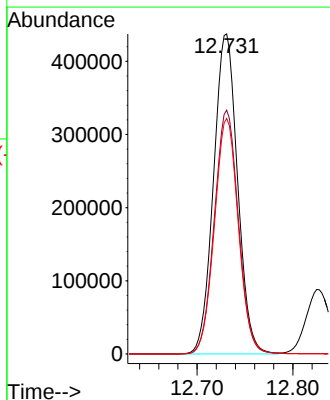
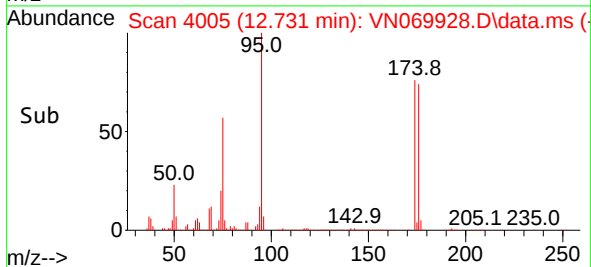
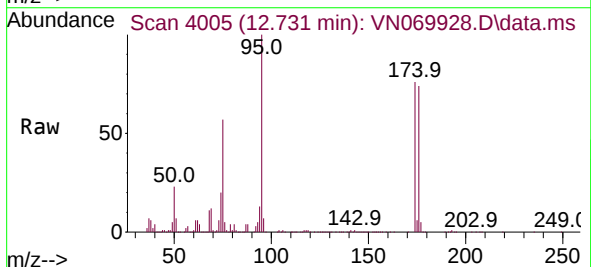
Manual Integrations
APPROVED

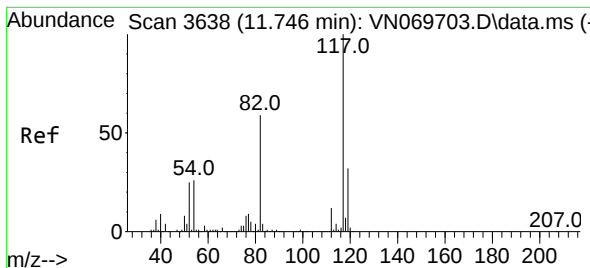
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#62
4-Bromofluorobenzene
Concen: 48.597 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Tgt Ion: 95 Resp: 760997
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.4 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: VN069928.D

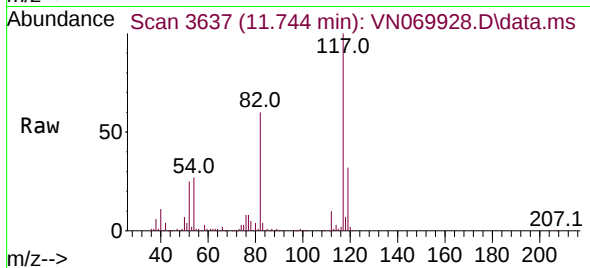
Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:117 Resp: 156048

Ion Ratio Lower Upper

117 100

82 59.7 42.4 63.6

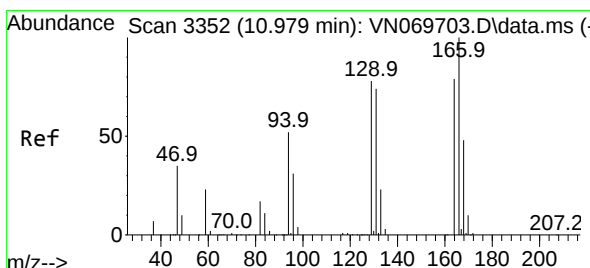
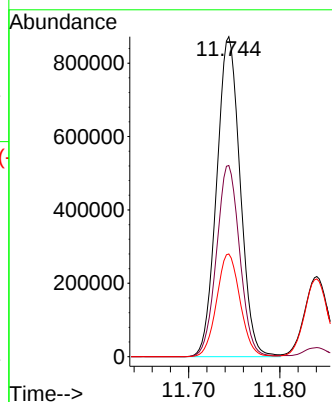
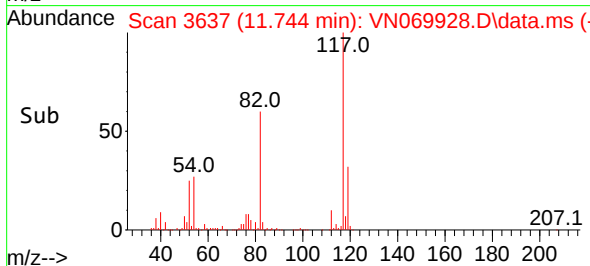
119 32.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#64

Tetrachloroethene

Concen: 44.763 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

Tgt Ion:164 Resp: 473643

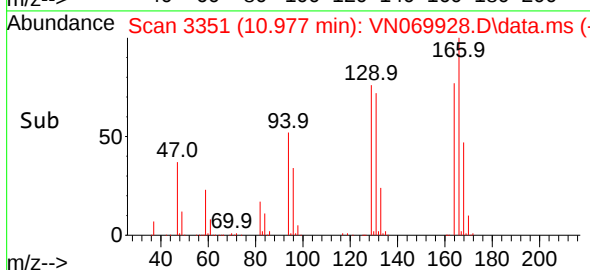
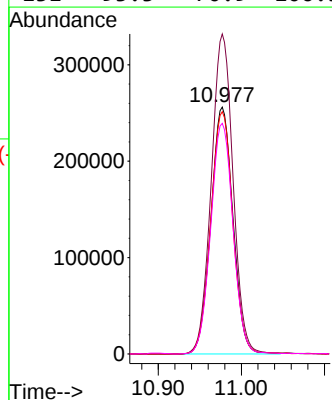
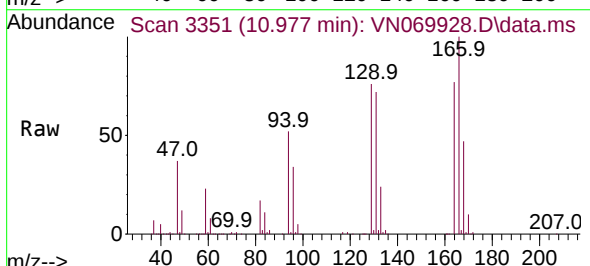
Ion Ratio Lower Upper

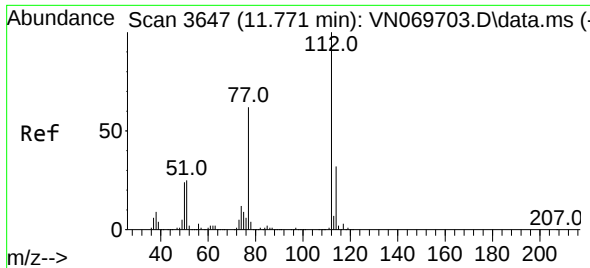
164 100

166 129.6 101.9 152.9

129 98.1 72.0 108.0

131 93.3 70.9 106.3





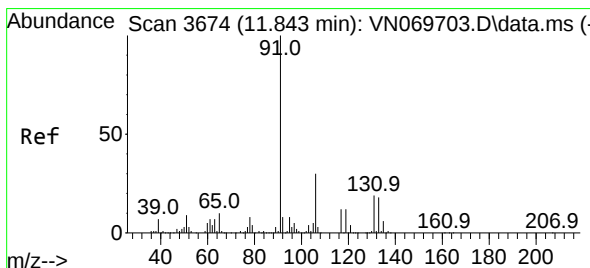
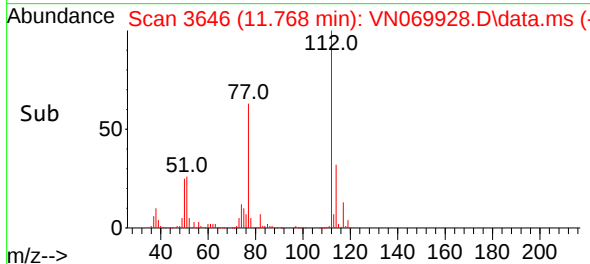
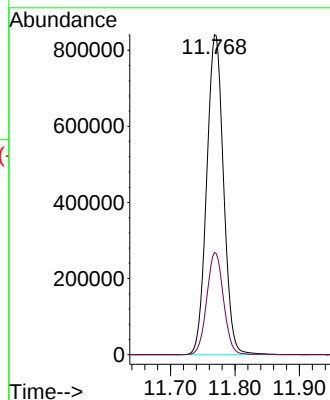
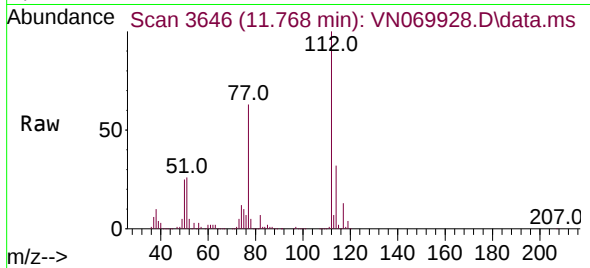
#65
Chlorobenzene
Concen: 48.245 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 152730
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

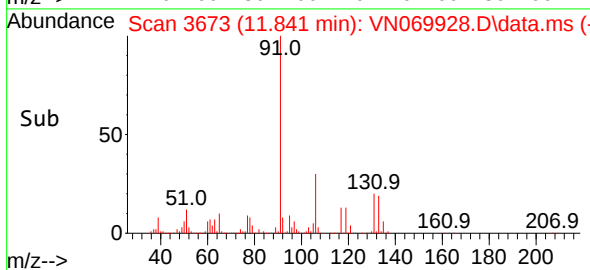
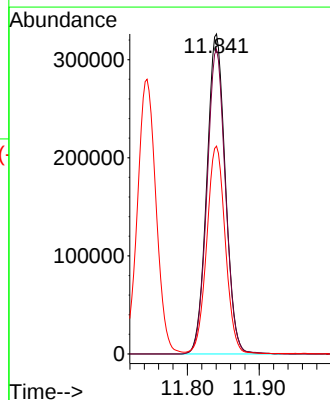
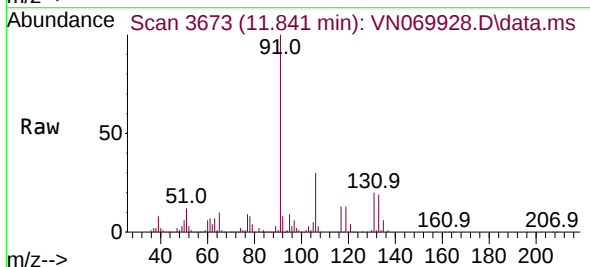
Manual Integrations
APPROVED

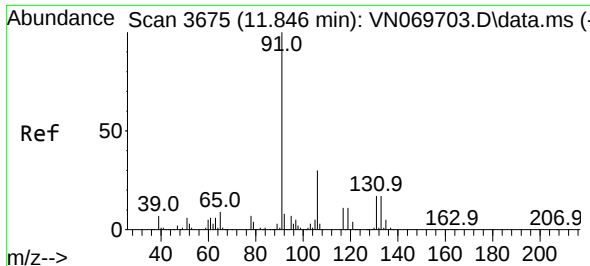
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 52.602 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Tgt Ion:131 Resp: 586119
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.7
119 64.7 32.1 96.5





#67

Ethyl Benzene

Concen: 49.964 ug/l

RT: 11.843 min Scan# 3675

Delta R.T. -0.002 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 287321

Ion Ratio Lower Upper

91 100

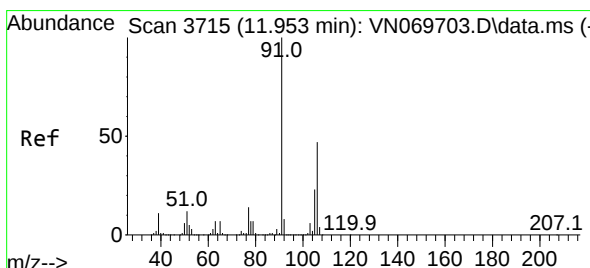
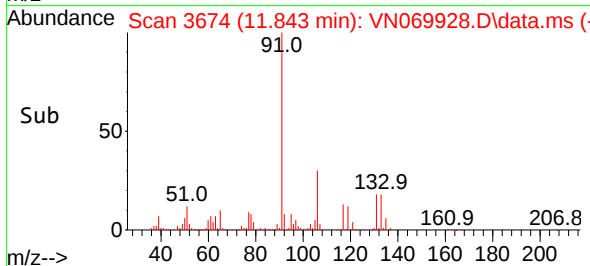
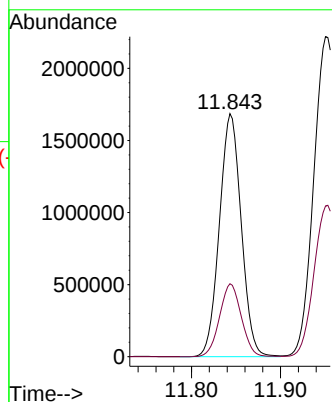
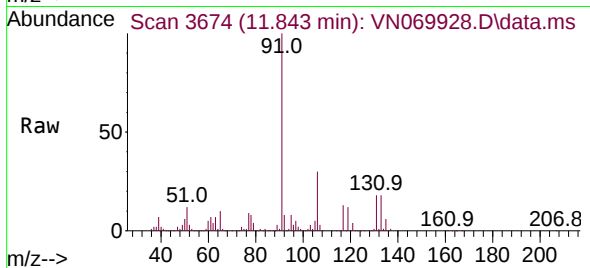
106 30.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#68

m/p-Xylenes

Concen: 99.506 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN069928.D

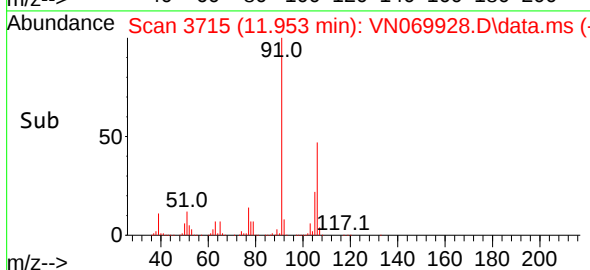
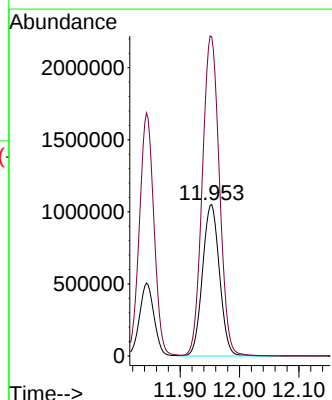
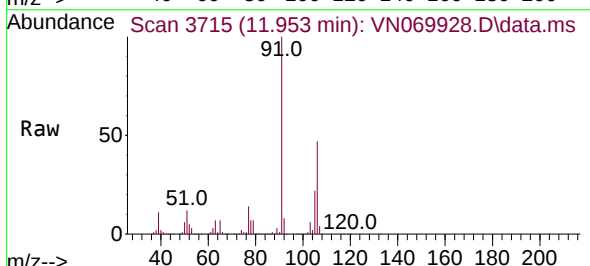
Acq: 9 Dec 2021 22:17

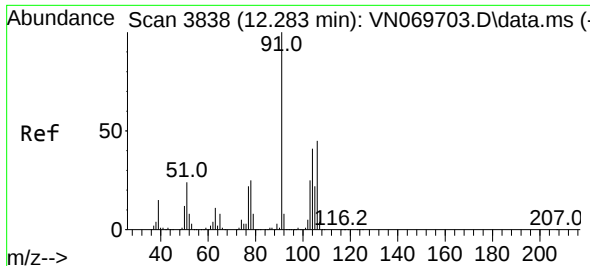
Tgt Ion:106 Resp: 2083473

Ion Ratio Lower Upper

106 100

91 212.9 160.6 240.8





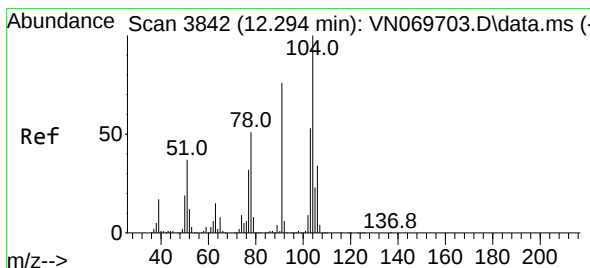
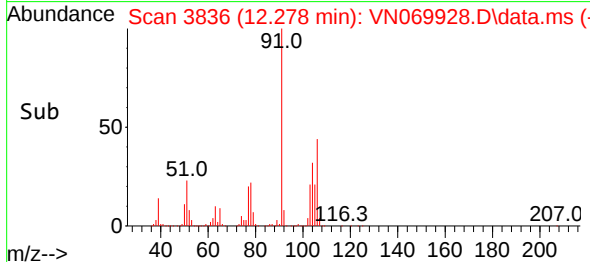
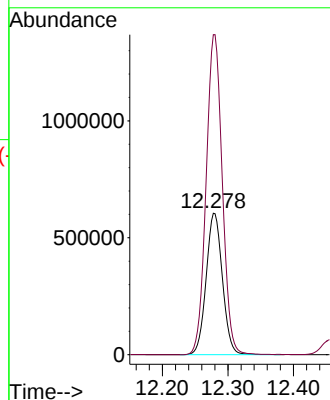
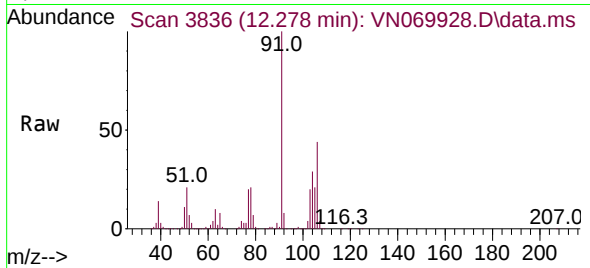
#69
o-Xylene
Concen: 49.262 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 1038940
Ion Ratio Lower Upper
106 100
91 225.5 105.8 317.3

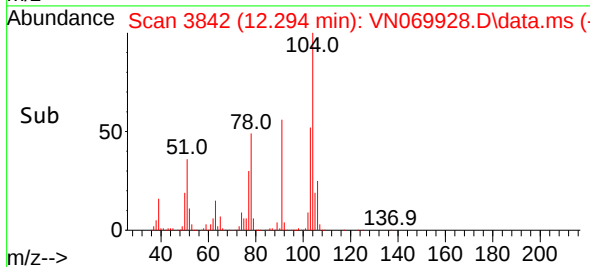
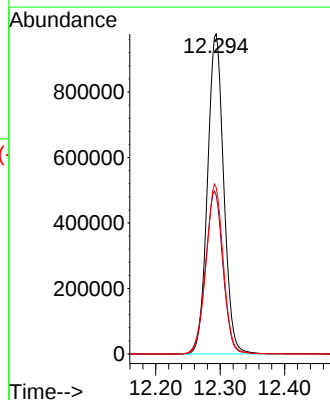
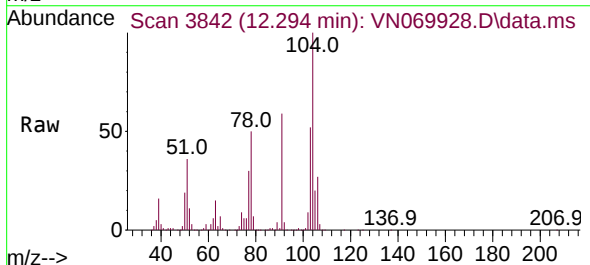
Manual Integrations
APPROVED

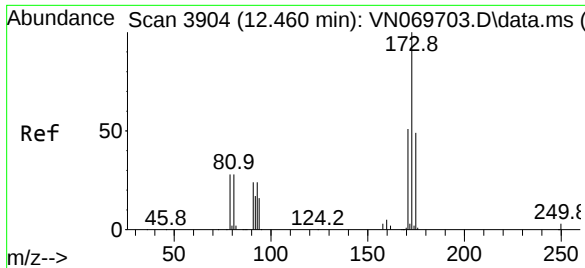
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 51.228 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

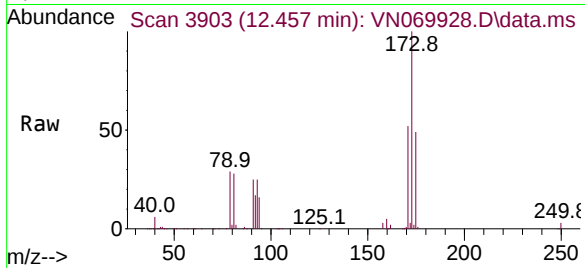
Tgt Ion:104 Resp: 1713207
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 56.3 45.0 67.6





#71
Bromoform
Concen: 49.559 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

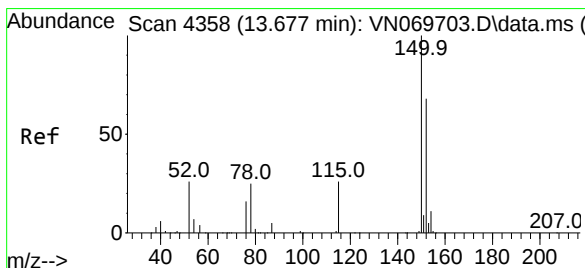
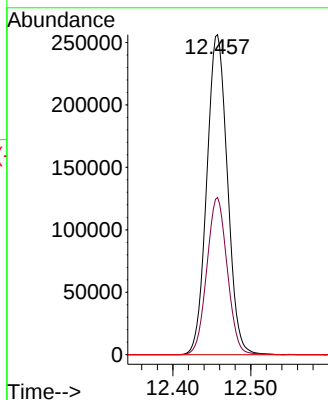
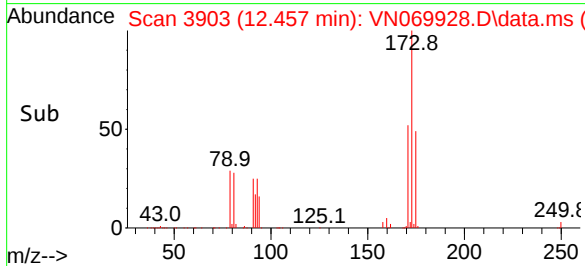
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



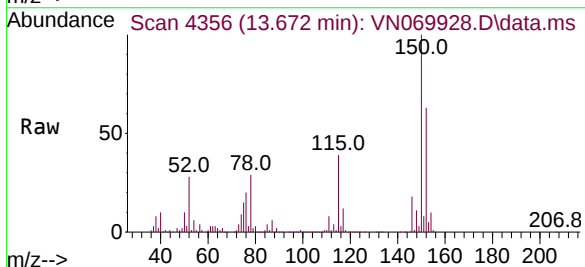
Tgt Ion:173 Resp: 472062
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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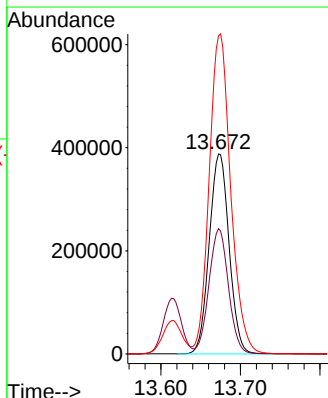
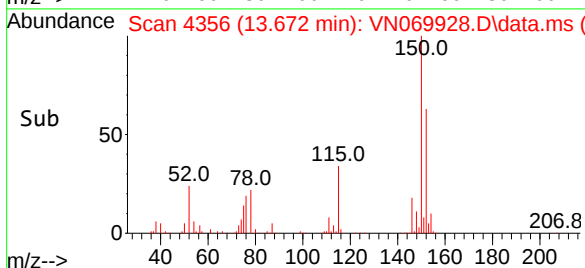
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

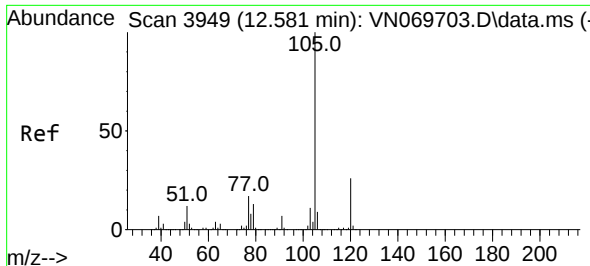


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17



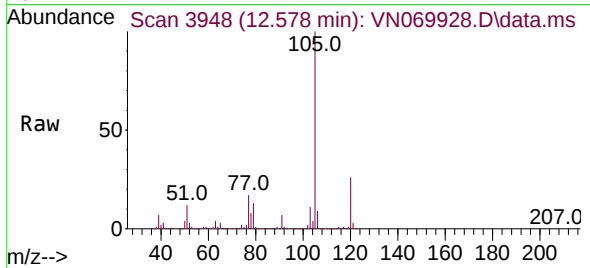
Tgt Ion:152 Resp: 674212
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 172.9 0.0 344.4





#73
Isopropylbenzene
Concen: 46.055 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

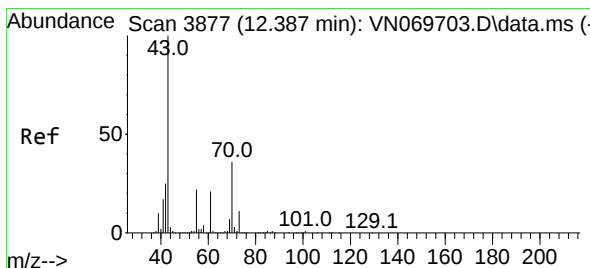
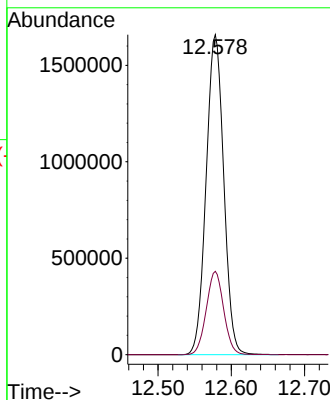
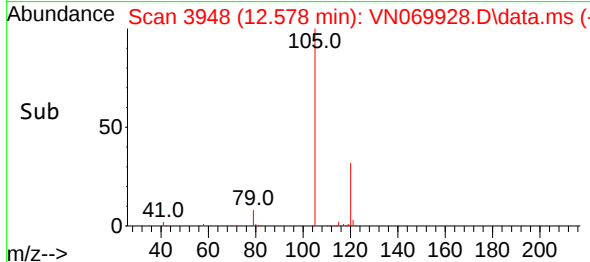
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 2762650
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

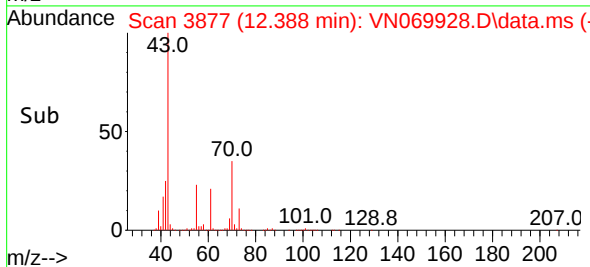
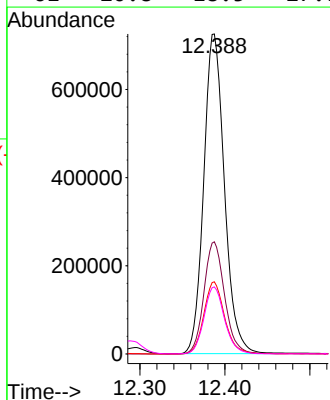
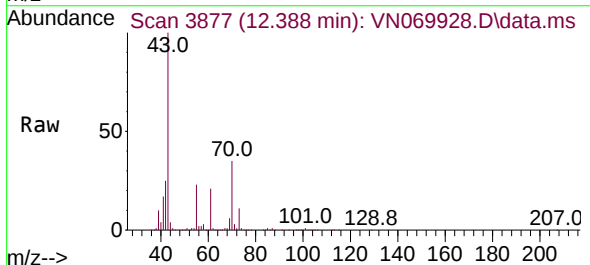
Manual Integrations
APPROVED

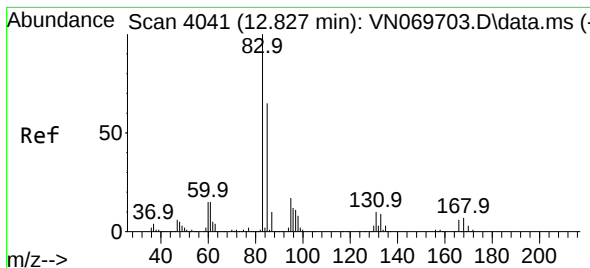
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#74
N-ethyl acetate
Concen: 46.277 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Tgt Ion: 43 Resp: 1227651
Ion Ratio Lower Upper
43 100
70 35.1 33.4 50.0
55 22.6 19.3 28.9
61 20.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 44.164 ug/l

RT: 12.825 min Scan# 4041

Delta R.T. -0.002 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

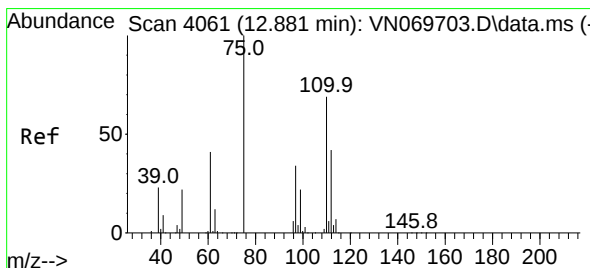
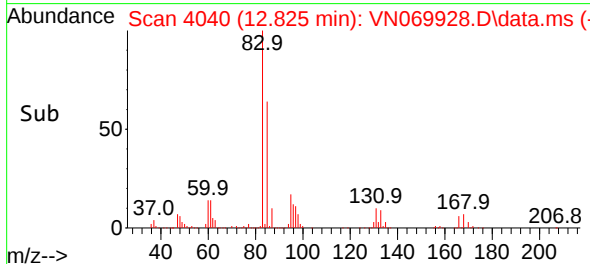
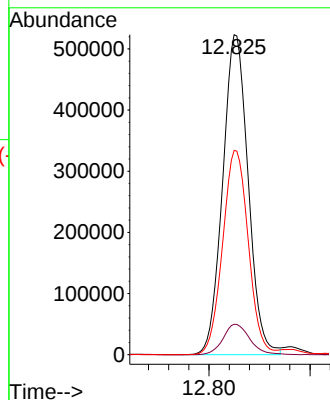
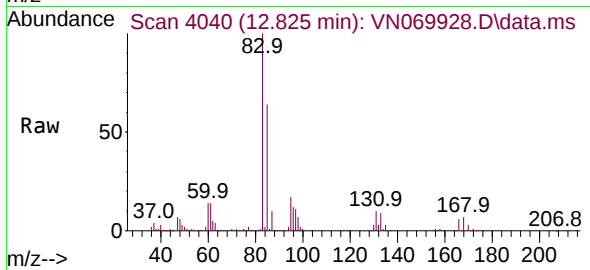
Tgt Ion: 83 Resp: 916114
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.5 16.5
 85 64.1 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#76

1,2,3-Trichloropropane

Concen: 42.022 ug/l m

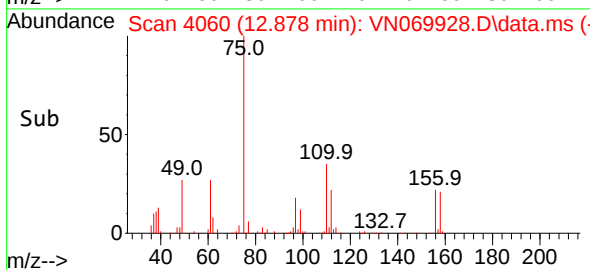
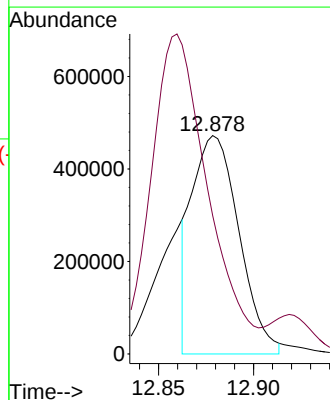
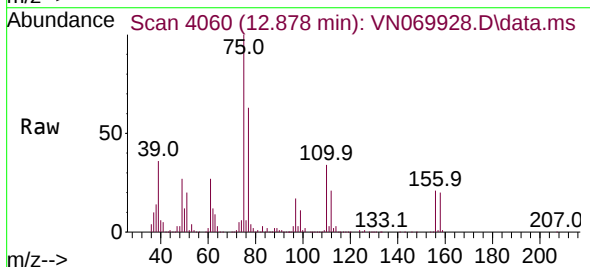
RT: 12.878 min Scan# 4060

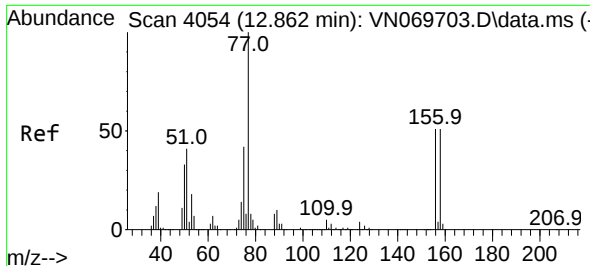
Delta R.T. -0.002 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

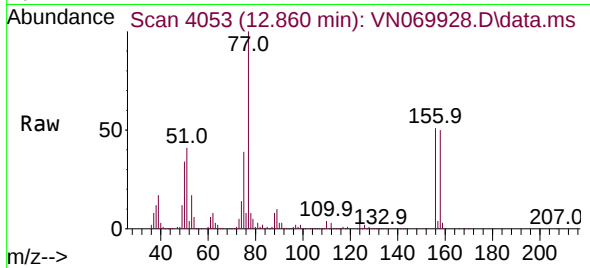
Tgt Ion: 75 Resp: 812495
 Ion Ratio Lower Upper
 75 100
 77 177.1 82.6 247.8





#77
Bromobenzene
Concen: 44.814 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

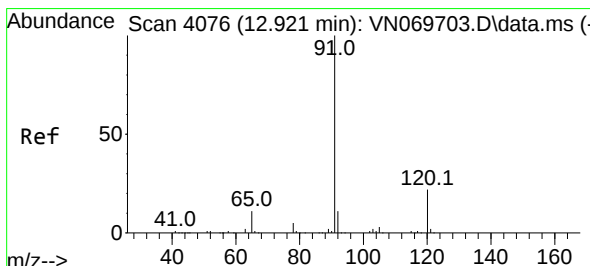
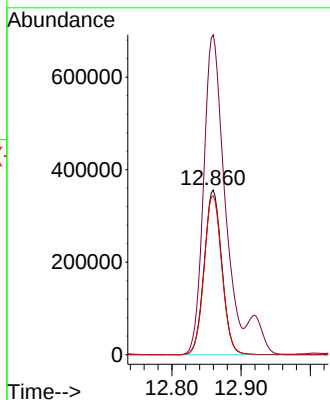
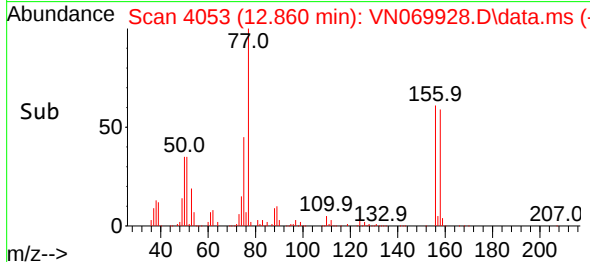
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 631423
Ion Ratio Lower Upper
156 100
77 227.9 90.6 271.8
158 97.2 48.9 146.7

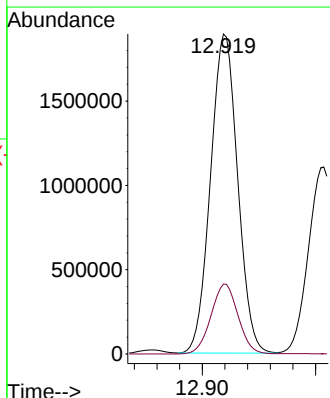
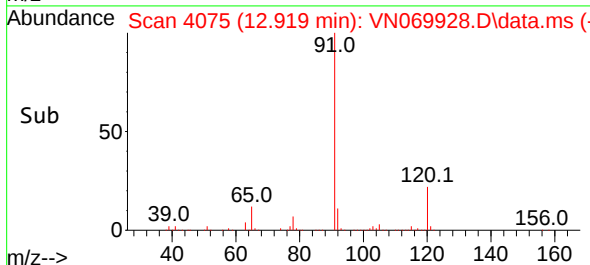
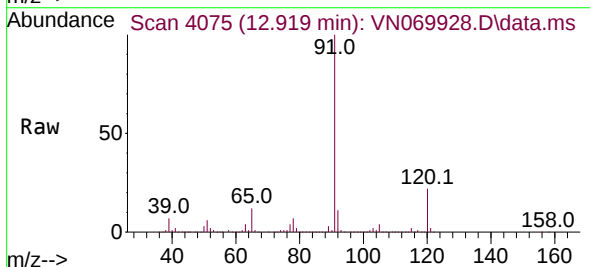
Manual Integrations
APPROVED

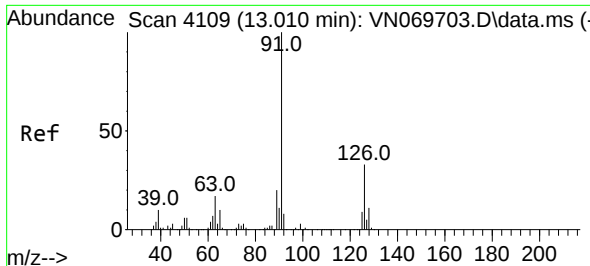
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#78
n-propylbenzene
Concen: 47.132 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Tgt Ion: 91 Resp: 3146105
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





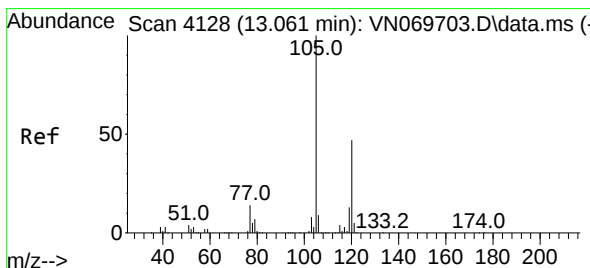
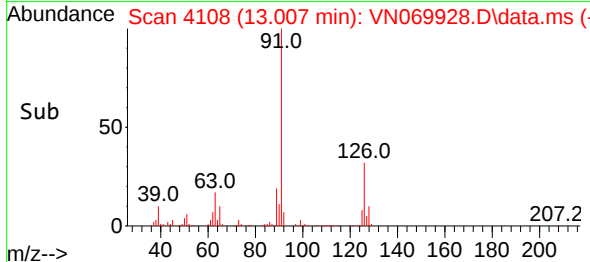
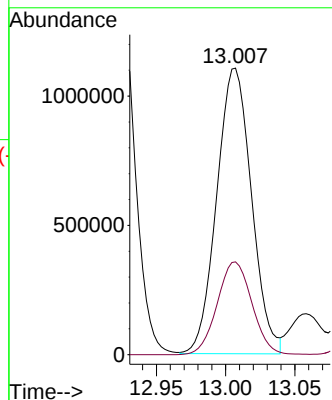
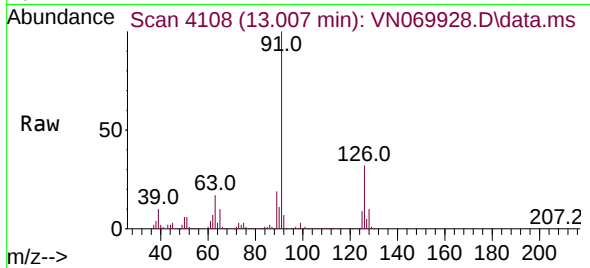
#79
2-Chlorotoluene
Concen: 45.773 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1930619
Ion Ratio Lower Upper
91 100
126 32.5 18.3 54.8

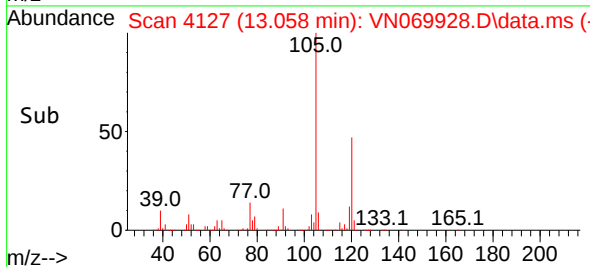
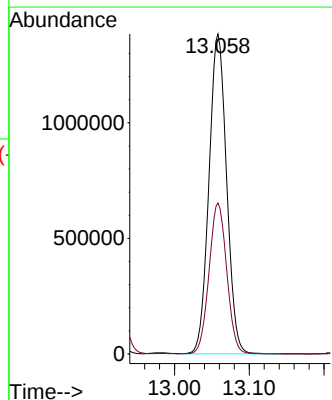
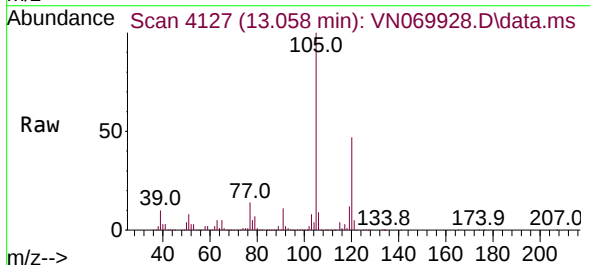
Manual Integrations
APPROVED

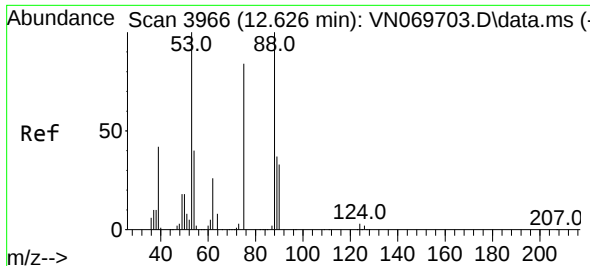
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 46.911 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

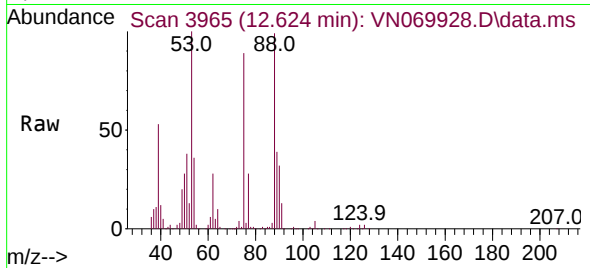
Tgt Ion:105 Resp: 2264961
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 45.617 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

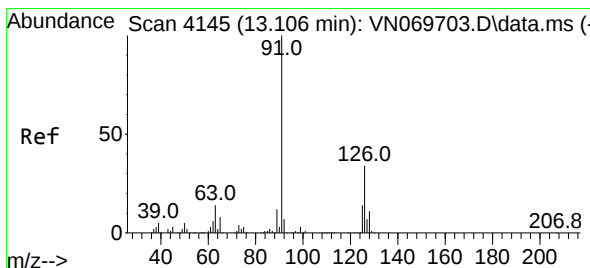
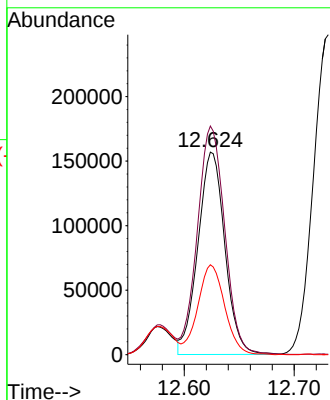
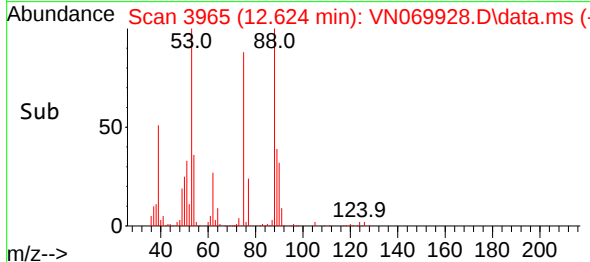
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 267200
Ion Ratio Lower Upper
75 100
53 114.6 90.5 135.7
89 44.4 38.2 57.4

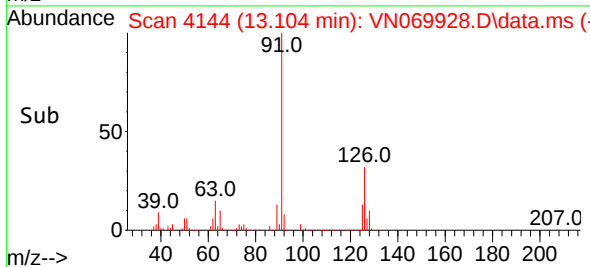
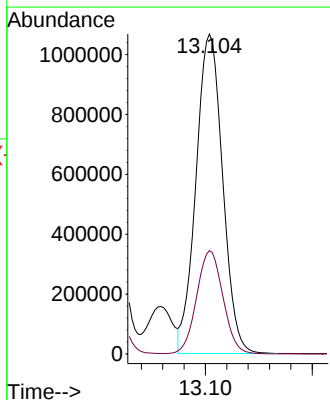
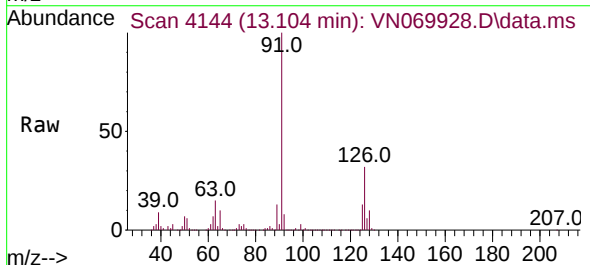
Manual Integrations
APPROVED

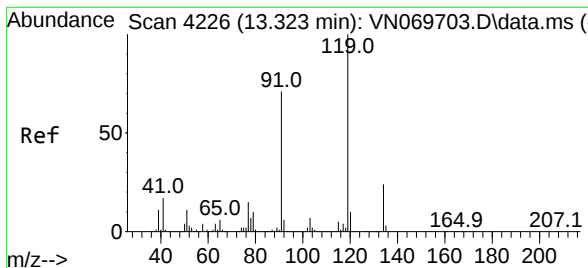
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 46.643 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

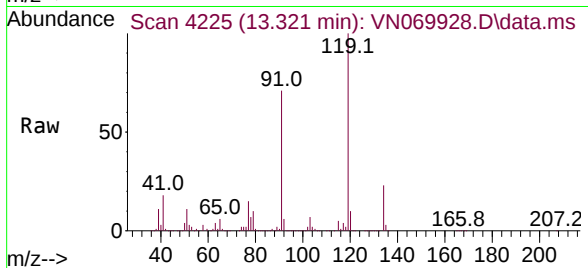
Tgt Ion: 91 Resp: 1850117
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 46.421 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

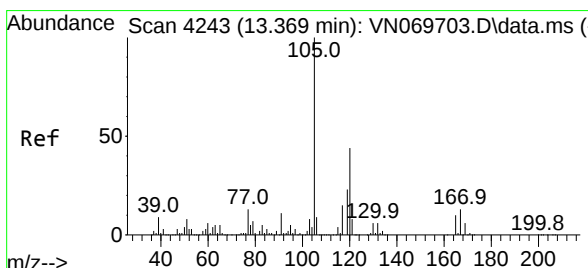
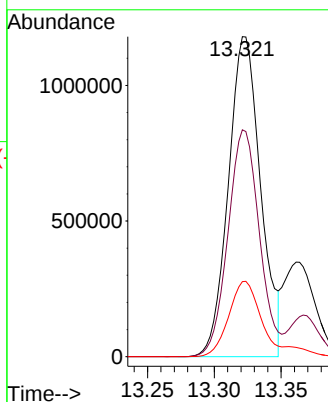
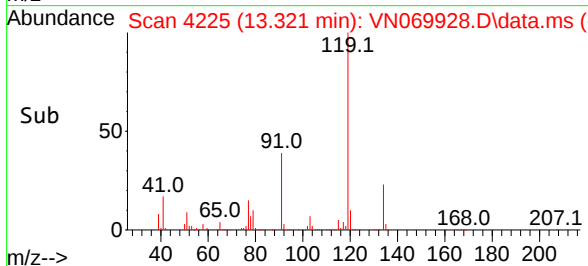
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



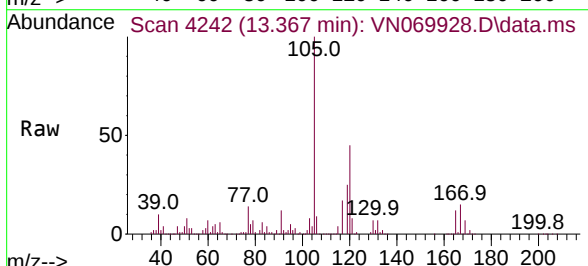
Tgt Ion:119 Resp: 1984570
Ion Ratio Lower Upper
119 100
91 69.4 31.5 94.5
134 25.5 12.4 37.4

Manual Integrations
APPROVED

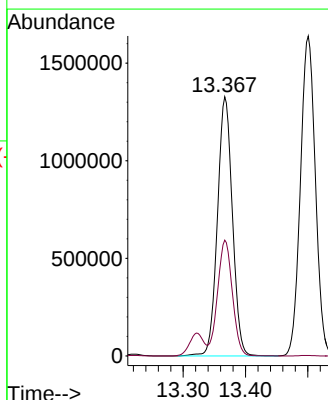
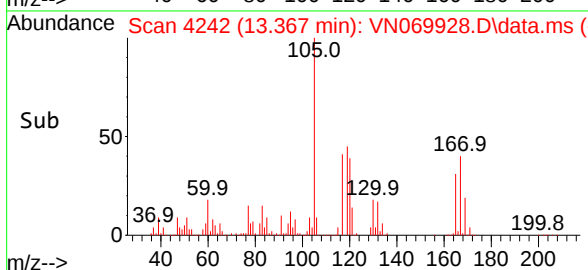
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

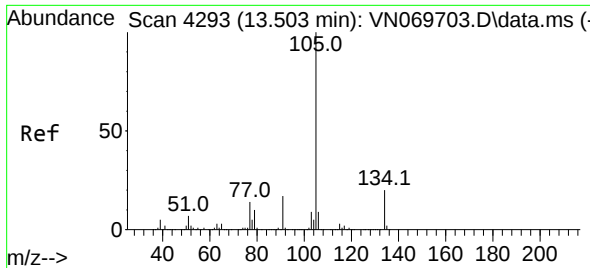


#84
1,2,4-Trimethylbenzene
Concen: 48.063 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17



Tgt Ion:105 Resp: 2210019
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4





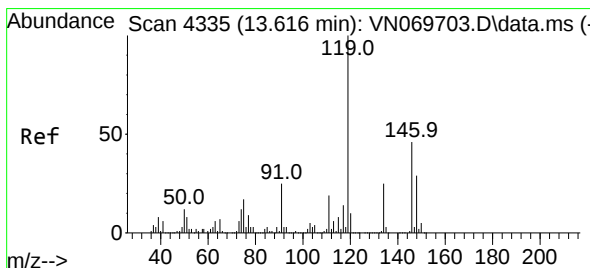
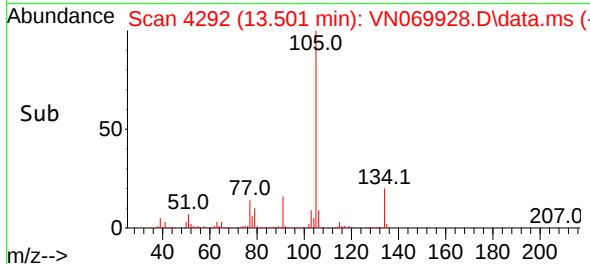
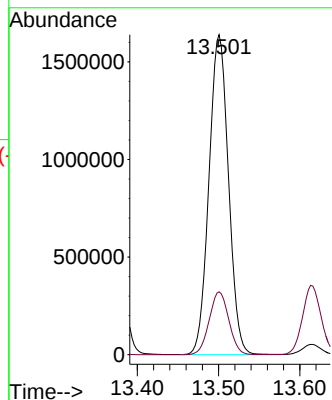
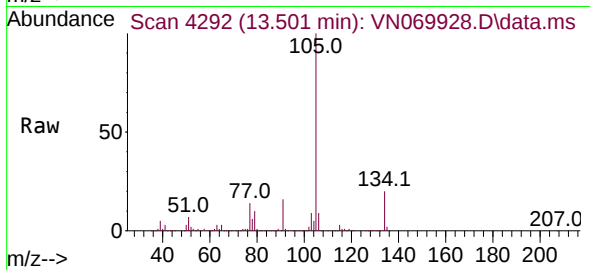
#85
 sec-Butylbenzene
 Concen: 47.086 ug/l
 RT: 13.501 min Scan# 4293
 Delta R.T. -0.002 min
 Lab File: VN069928.D
 Acq: 9 Dec 2021 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 2730499
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

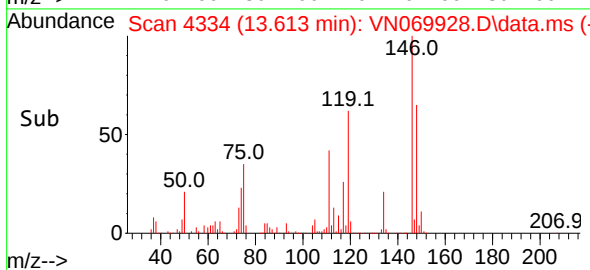
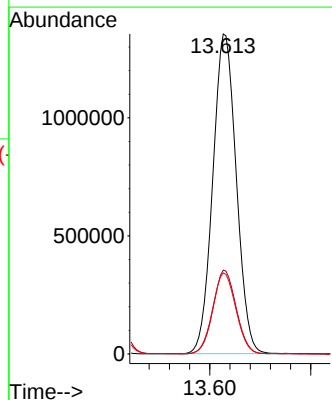
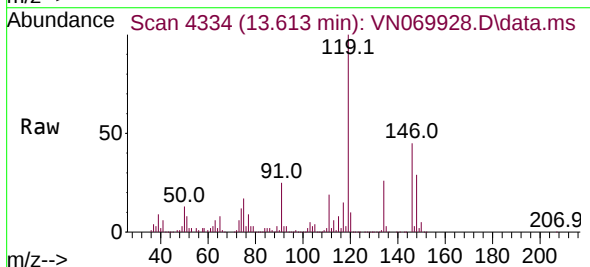
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 48.192 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.002 min
 Lab File: VN069928.D
 Acq: 9 Dec 2021 22:17

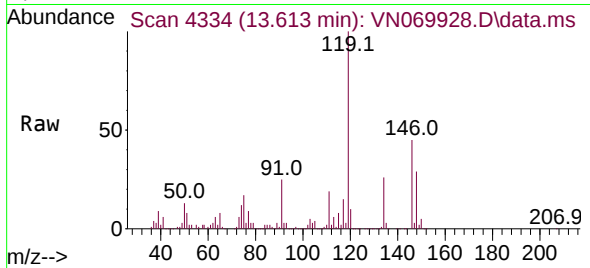
Tgt Ion:119 Resp: 2184442
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 46.153 ug/l
RT: 13.613 min Scan# 4335
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

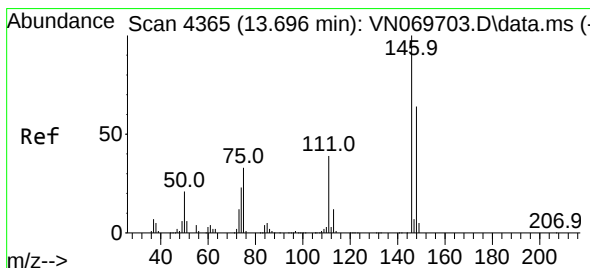
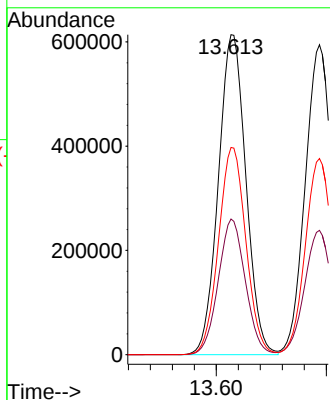
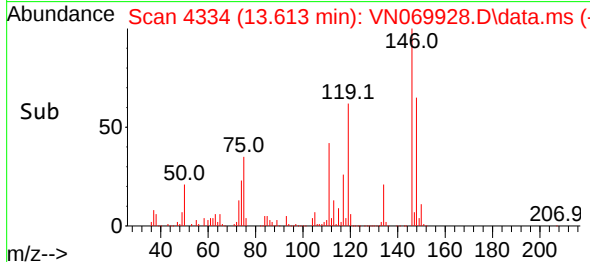
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



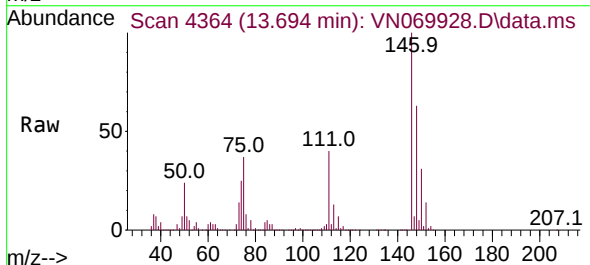
Tgt Ion:146 Resp: 1068310
Ion Ratio Lower Upper
146 100
111 41.5 18.6 55.6
148 64.4 31.6 95.0

Manual Integrations
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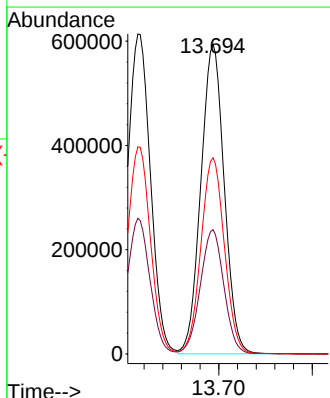
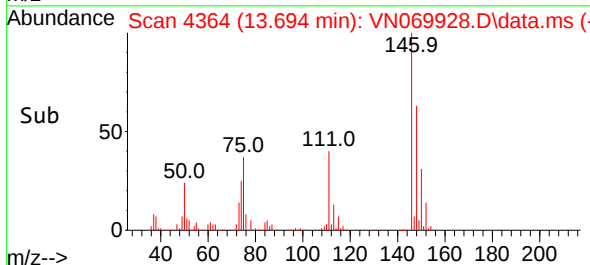
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#88
1,4-Dichlorobenzene
Concen: 45.332 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17



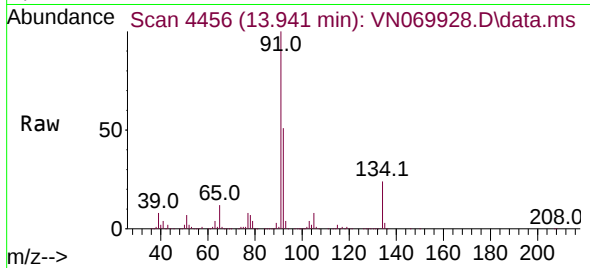
Tgt Ion:146 Resp: 1031201
Ion Ratio Lower Upper
146 100
111 40.4 18.3 54.8
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 48.169 ug/l
RT: 13.941 min Scan# 4457
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

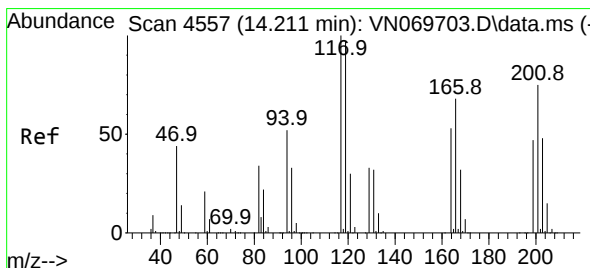
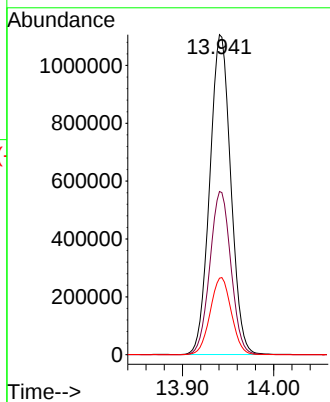
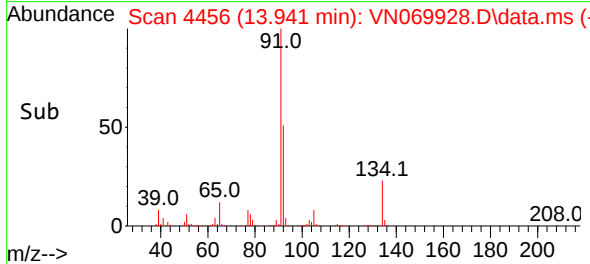
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1771128
Ion Ratio Lower Upper
91 100
92 51.2 25.4 76.0
134 24.4 13.6 40.8

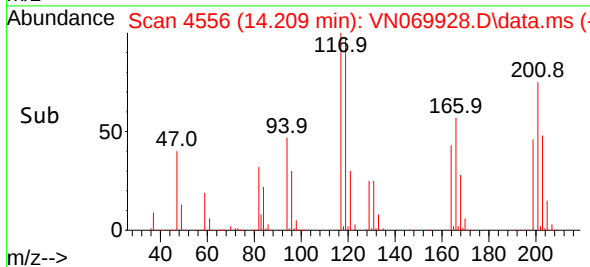
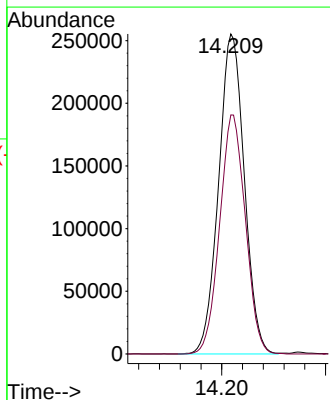
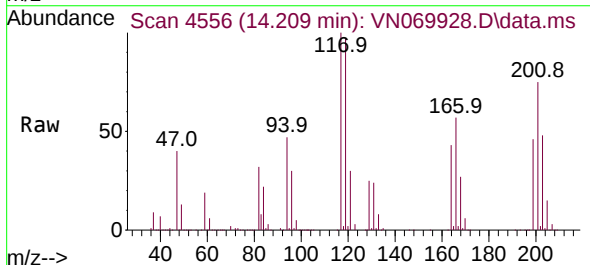
Manual Integrations
APPROVED

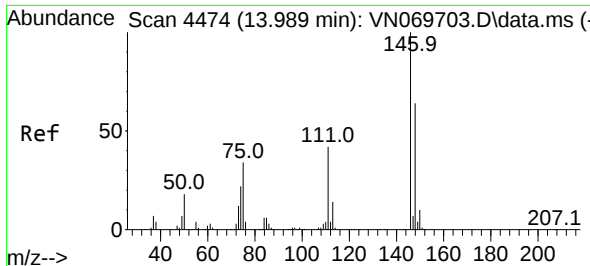
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 55.149 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

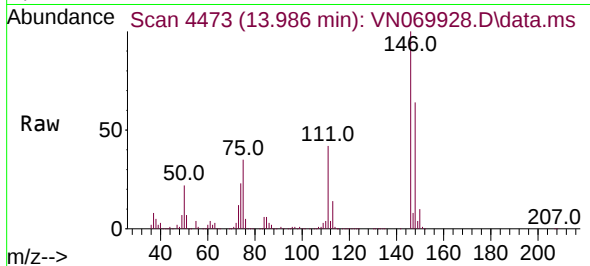
Tgt Ion:117 Resp: 438886
Ion Ratio Lower Upper
117 100
201 74.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 46.155 ug/l
RT: 13.986 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

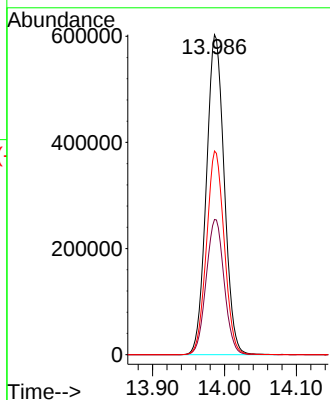
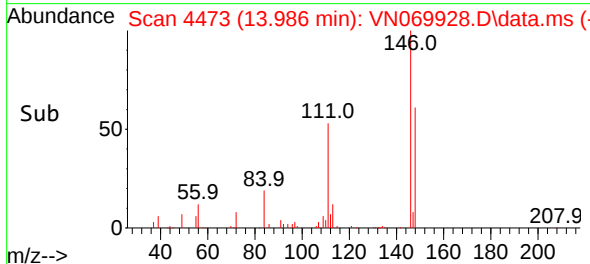
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



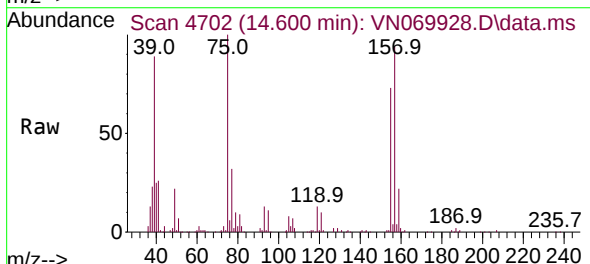
Tgt Ion:146 Resp: 1040970
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 63.3 32.1 96.3

Manual Integrations
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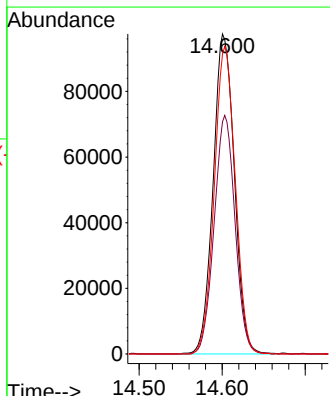
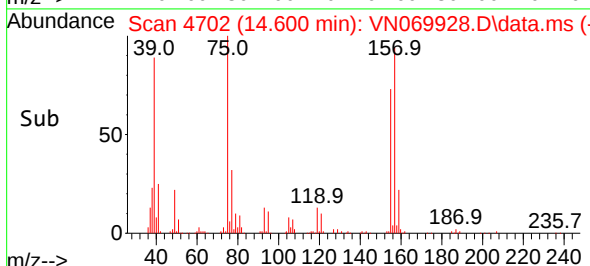
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

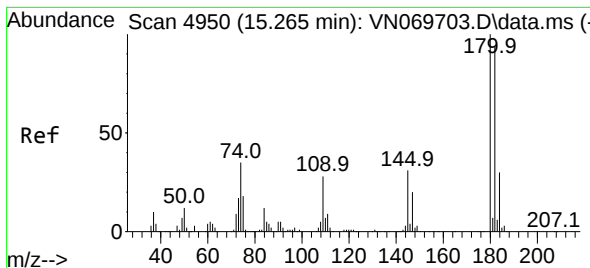


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.175 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17



Tgt Ion: 75 Resp: 173077
Ion Ratio Lower Upper
75 100
155 73.5 46.9 140.7
157 95.0 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 42.414 ug/l

RT: 15.263 min Scan# 4950

Delta R.T. -0.002 min

Lab File: VN069928.D

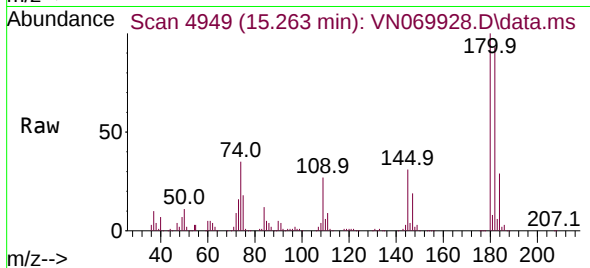
Acq: 9 Dec 2021 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



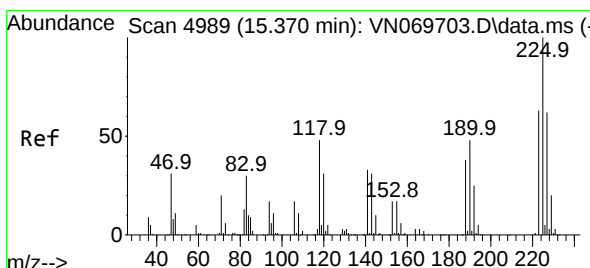
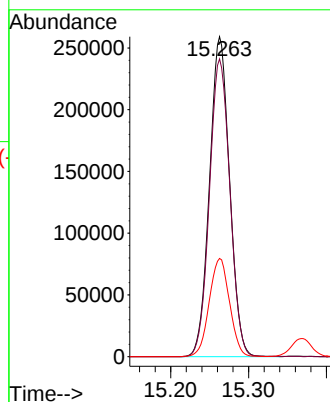
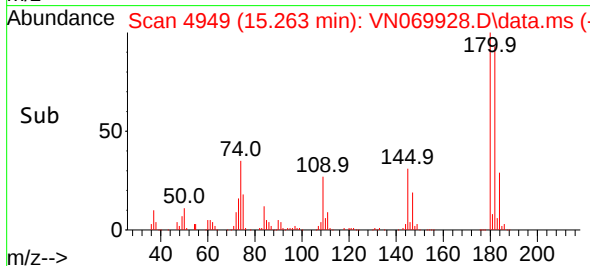
Tgt Ion:	180	Resp:	46404
Ion Ratio	Lower	Upper	
180	100		
182	94.7	48.3	144.9
145	31.2	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#94

Hexachlorobutadiene

Concen: 45.956 ug/l

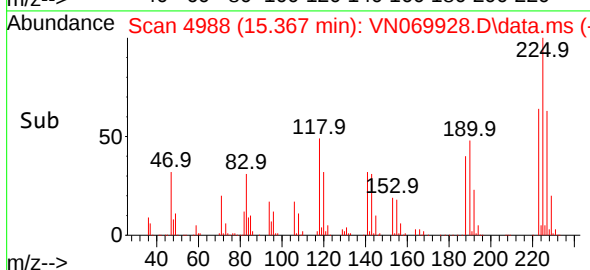
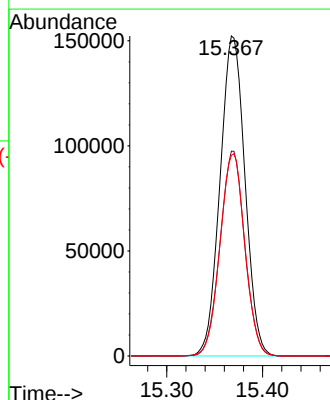
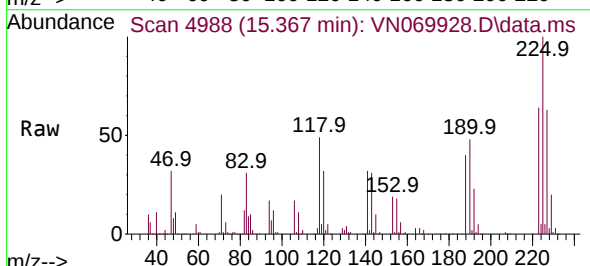
RT: 15.367 min Scan# 4988

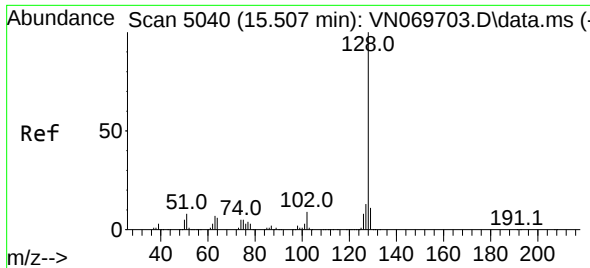
Delta R.T. -0.002 min

Lab File: VN069928.D

Acq: 9 Dec 2021 22:17

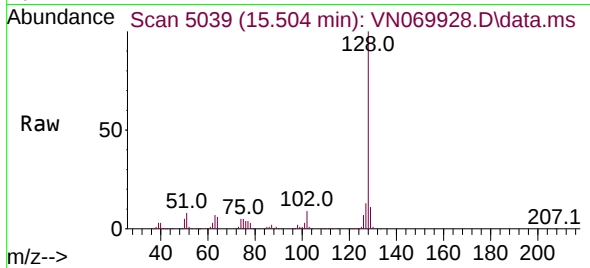
Tgt Ion:	225	Resp:	274690
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.9	95.7
227	63.1	32.1	96.3





#95
Naphthalene
Concen: 39.924 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

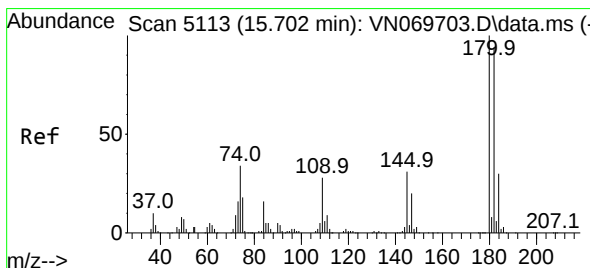
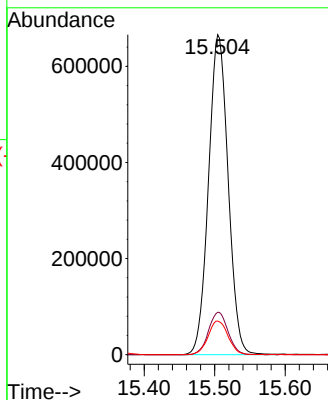
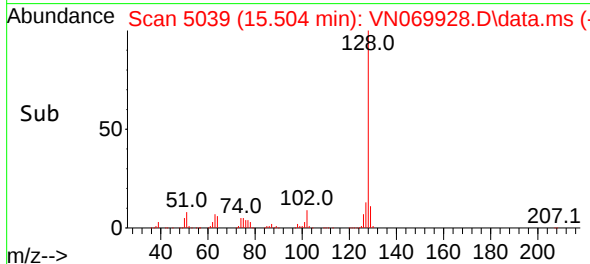
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1286670
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 41.940 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069928.D
Acq: 9 Dec 2021 22:17

Tgt Ion:180 Resp: 447690
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.2
145 33.0 15.0 45.1

