

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069827.D
 Acq On : 7 Dec 2021 20:30
 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 12/08/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 08 04:40:27 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	1076304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1776889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1669493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	704208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	781269	47.013	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.020%		
35) Dibromofluoromethane	8.021	113	535505	48.113	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.220%		
50) Toluene-d8	10.440	98	2130248	47.666	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.340%		
62) 4-Bromofluorobenzene	12.731	95	771254	47.636	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	626019	49.868	ug/l	99
3) Chloromethane	2.303	50	729162	46.363	ug/l	99
4) Vinyl Chloride	2.448	62	698754	48.319	ug/l	98
5) Bromomethane	2.845	94	399429	50.841	ug/l	100
6) Chloroethane	3.017	64	428421	48.346	ug/l	98
7) Trichlorofluoromethane	3.376	101	904300	47.646	ug/l	97
8) Diethyl Ether	3.824	74	359023	49.115	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.207	101	529499	49.769	ug/l	96
10) Methyl Iodide	4.419	142	720791	49.592	ug/l	97
11) Tert butyl alcohol	5.382	59	642408	204.508	ug/l	98
12) 1,1-Dichloroethene	4.181	96	501074	48.875	ug/l	88
13) Acrolein	4.039	56	853241	318.964	ug/l	100
14) Allyl chloride	4.838	41	1145420	49.581	ug/l	93
15) Acrylonitrile	5.554	53	1954689	230.928	ug/l	98
16) Acetone	4.285	43	1870976	187.162	ug/l	98
17) Carbon Disulfide	4.527	76	1299027	49.045	ug/l	99
18) Methyl Acetate	4.857	43	1385773	45.926	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1991119	49.949	ug/l	97
20) Methylene Chloride	5.095	84	629041	47.335	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	543446	48.803	ug/l	86
22) Diisopropyl ether	6.498	45	2321320	51.409	ug/l	95
23) Vinyl Acetate	6.434	43	9527871	259.363	ug/l	94
24) 1,1-Dichloroethane	6.388	63	1179975	50.447	ug/l	98
25) 2-Butanone	7.335	43	2897712	213.343	ug/l	91
26) 2,2-Dichloropropane	7.327	77	886067	48.722	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	658747	48.964	ug/l	86
28) Bromochloromethane	7.657	49	588437	48.378	ug/l #	78
29) Tetrahydrofuran	7.683	42	1874423	227.269	ug/l	88
30) Chloroform	7.817	83	1173813	49.690	ug/l	99
31) Cyclohexane	8.094	56	1107798	47.901	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	1010611	50.224	ug/l	95
36) 1,1-Dichloropropene	8.222	75	853468	50.455	ug/l	97
37) Ethyl Acetate	7.412	43	1169149	46.438	ug/l	96
38) Carbon Tetrachloride	8.206	117	846651	51.041	ug/l	99
39) Methylcyclohexane	9.459	83	1015299	50.461	ug/l	88
40) Benzene	8.461	78	2592895	50.149	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	580641	49.129	ug/l	90
42) 1,2-Dichloroethane	8.528	62	1027313	49.220	ug/l	96
43) Isopropyl Acetate	8.560	43	1832200	49.177	ug/l #	94
44) Trichloroethene	9.215	130	627530	50.851	ug/l	93
45) 1,2-Dichloropropane	9.491	63	705047	50.780	ug/l	99
46) Dibromomethane	9.577	93	457312	50.222	ug/l	93
47) Bromodichloromethane	9.762	83	909151	52.733	ug/l	99
48) Methyl methacrylate	9.561	41	927455	53.342	ug/l #	80
49) 1,4-Dioxane	9.569	88	251989	807.720	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	5962942	246.712	ug/l	95
52) Toluene	10.505	92	1615291	51.172	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	974251	47.145	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1059249	48.719	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	642348	50.435	ug/l	98
56) Ethyl methacrylate	10.760	69	1112462	46.461	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1137496	50.722	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1233159	194.433	ug/l	91
59) 2-Hexanone	11.084	43	4238157	231.801	ug/l	93
60) Dibromochloromethane	11.237	129	646675	47.512	ug/l	100
61) 1,2-Dibromoethane	11.344	107	666082	50.492	ug/l	100
64) Tetrachloroethene	10.977	164	557435	49.242	ug/l	96
65) Chlorobenzene	11.768	112	1713779	50.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	627248	52.618	ug/l	99
67) Ethyl Benzene	11.843	91	3189668	51.846	ug/l	96
68) m/p-Xylenes	11.953	106	2327221	103.890	ug/l	92
69) o-Xylene	12.280	106	1164520	51.610	ug/l	92
70) Styrene	12.294	104	1904607	53.232	ug/l	95
71) Bromoform	12.457	173	474815	46.757	ug/l #	99
73) Isopropylbenzene	12.578	105	3087044	49.271	ug/l	98
74) N-amyl acetate	12.387	43	1344269	48.515	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1011090	46.667	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	923984m	45.753	ug/l	
77) Bromobenzene	12.860	156	704900	47.898	ug/l	79
78) n-propylbenzene	12.919	91	3509075	50.330	ug/l	96
79) 2-Chlorotoluene	13.007	91	2165514	49.155	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2515649	49.884	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	269707	44.220	ug/l	94
82) 4-Chlorotoluene	13.104	91	2051555	49.518	ug/l	93
83) tert-Butylbenzene	13.323	119	2196392	49.187	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2476472	51.564	ug/l	97
85) sec-Butylbenzene	13.501	105	3024814	49.940	ug/l	98
86) p-Isopropyltoluene	13.613	119	2426908	51.261	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1179511	48.786	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1146605	48.259	ug/l	98
89) n-Butylbenzene	13.940	91	1960841	51.057	ug/l	98
90) Hexachloroethane	14.209	117	432083	51.982	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1142189	48.486	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	182483	46.610	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	539844	46.913	ug/l	97
94) Hexachlorobutadiene	15.367	225	295699	47.364	ug/l	99
95) Naphthalene	15.504	128	1531264	44.933	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	522419	46.571	ug/l	98

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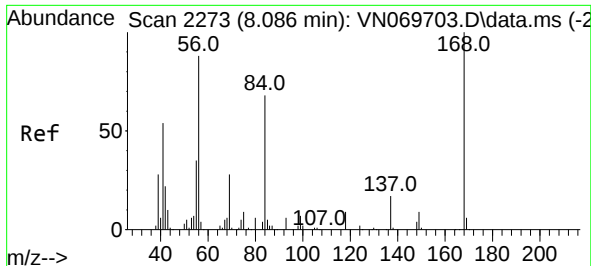
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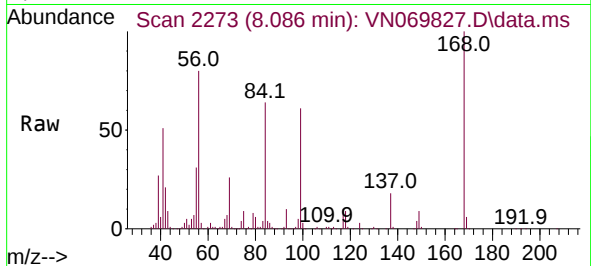
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069827.D
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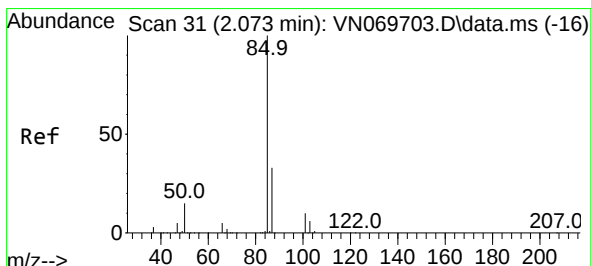
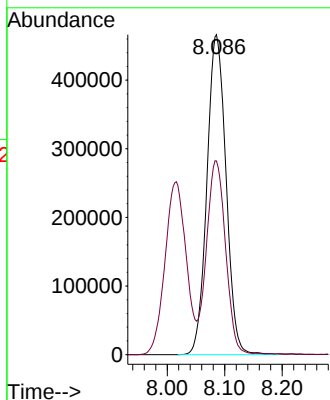
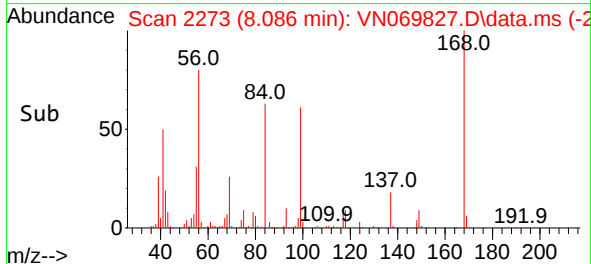
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VSTDCCC050EC



Tgt Ion:168 Resp: 1076304
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9

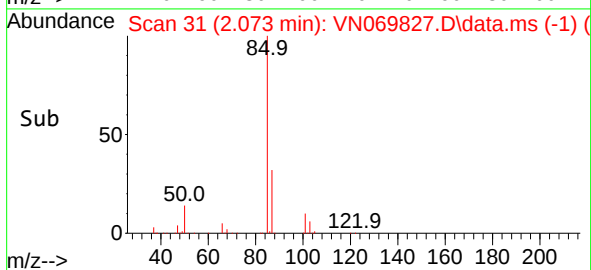
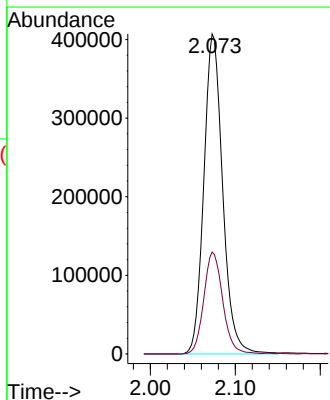
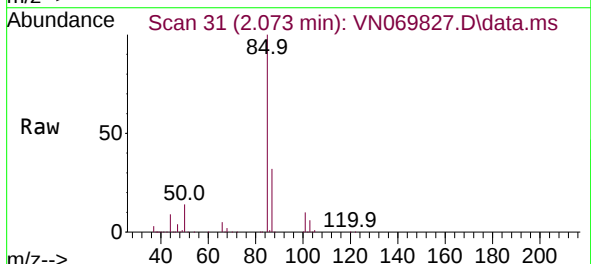
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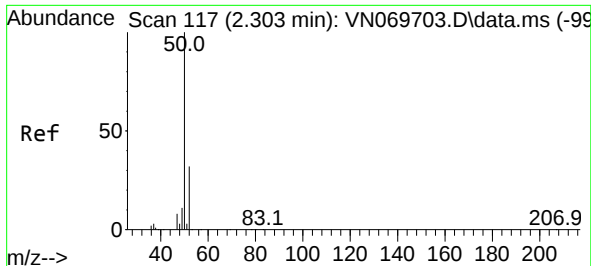
Reviewed By :John Carlone 12/08/2021
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#2
Dichlorodifluoromethane
Concen: 49.868 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

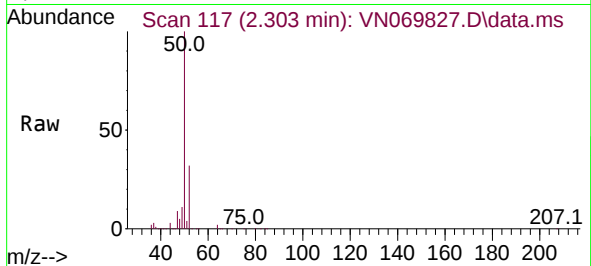
Tgt Ion: 85 Resp: 626019
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9





#3
Chloromethane
Concen: 46.363 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

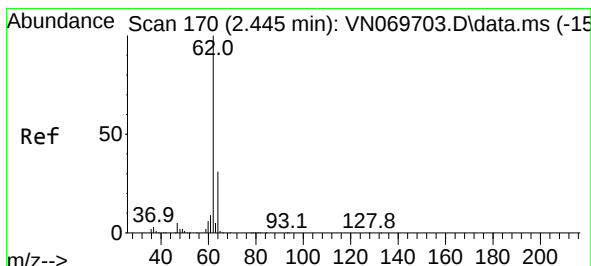
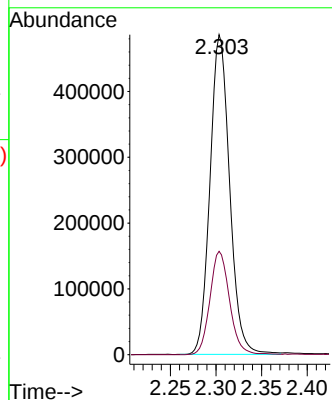
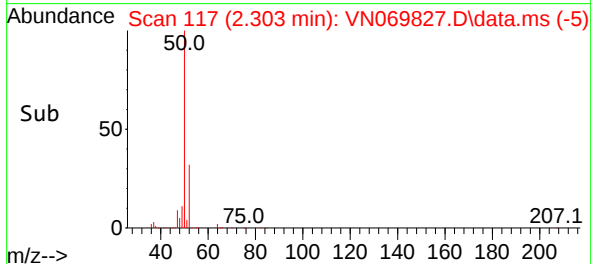
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Tgt Ion: 50 Resp: 729162
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

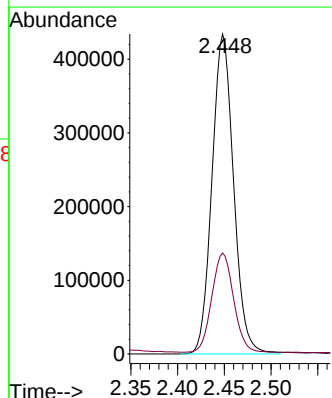
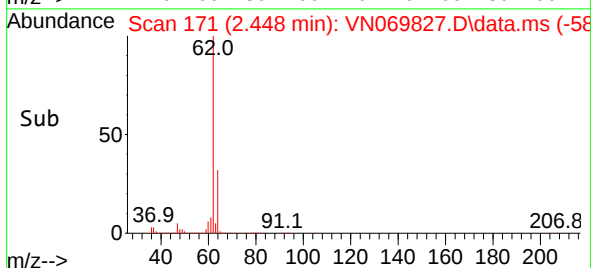
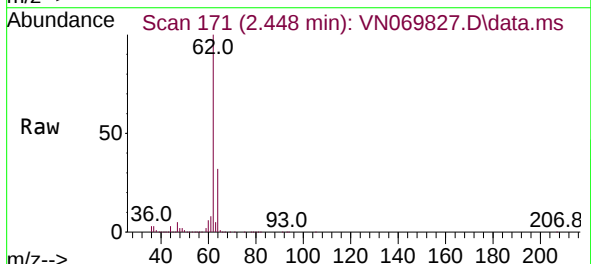
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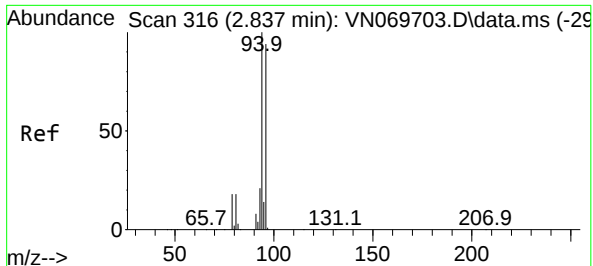
Reviewed By :John Carlone 12/08/2021
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#4
Vinyl Chloride
Concen: 48.319 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

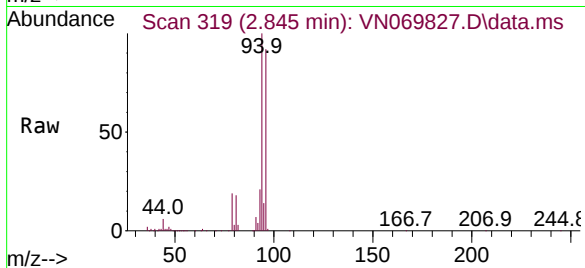
Tgt Ion: 62 Resp: 698754
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.6





#5
Bromomethane
Concen: 50.841 ug/l
RT: 2.845 min Scan# 316
Delta R.T. 0.008 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

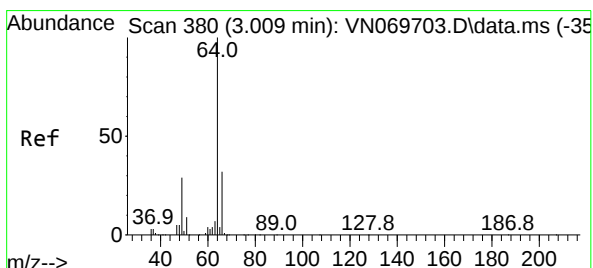
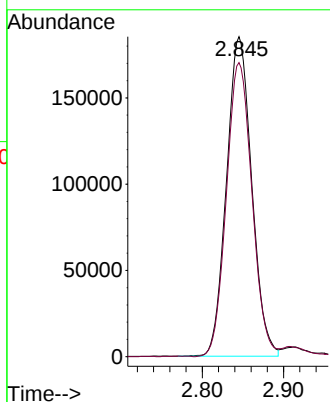
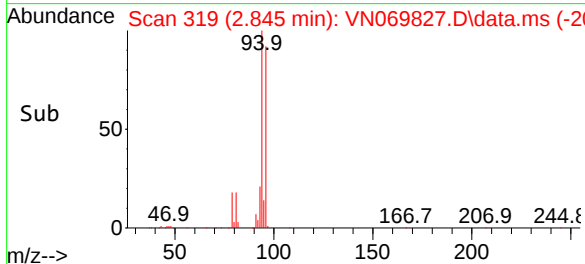
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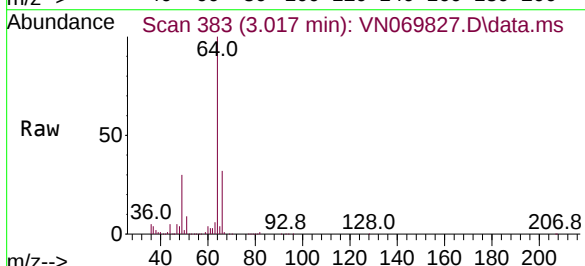
Tgt Ion: 94 Resp: 399429
Ion Ratio Lower Upper
94 100
96 91.9 73.8 110.8

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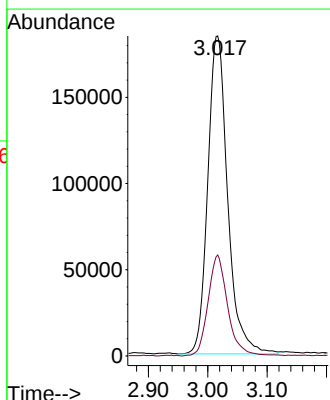
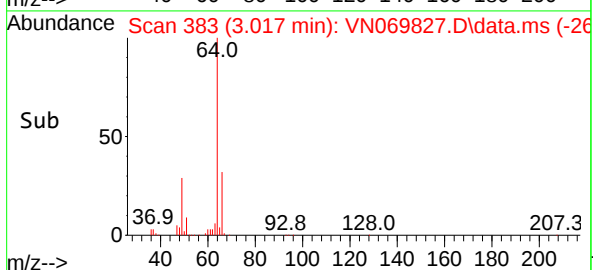
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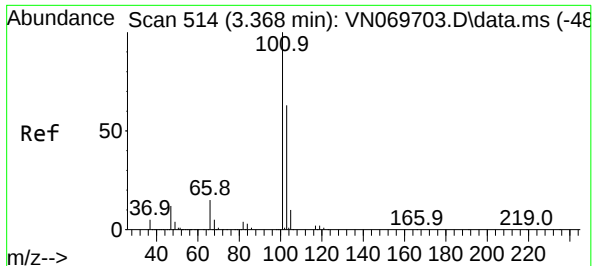


#6
Chloroethane
Concen: 48.346 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30



Tgt Ion: 64 Resp: 428421
Ion Ratio Lower Upper
64 100
66 31.7 26.3 39.5





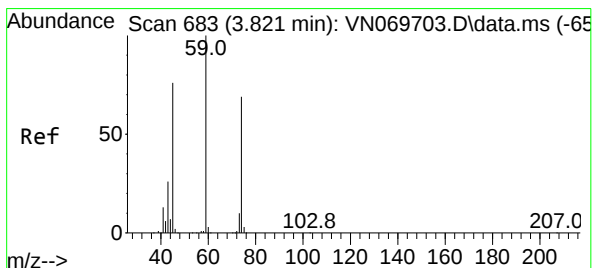
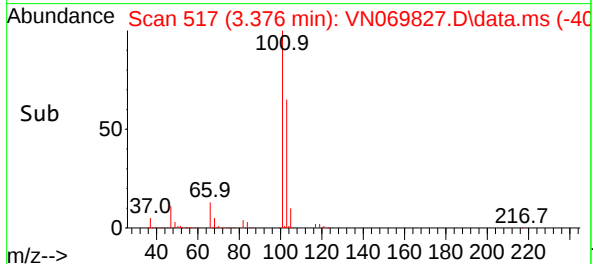
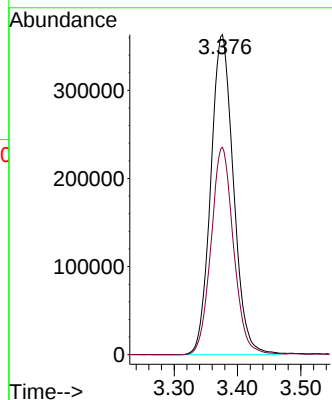
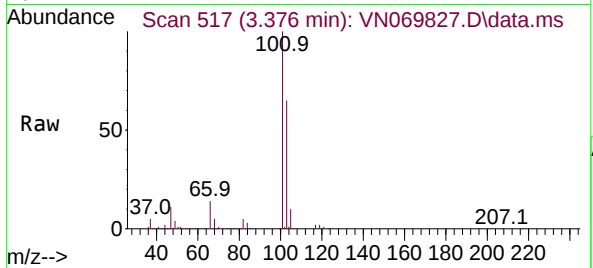
#7
Trichlorofluoromethane
Concen: 47.646 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Instrument :
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Tgt Ion:101 Resp: 904300
Ion Ratio Lower Upper
101 100
103 64.8 50.1 75.1

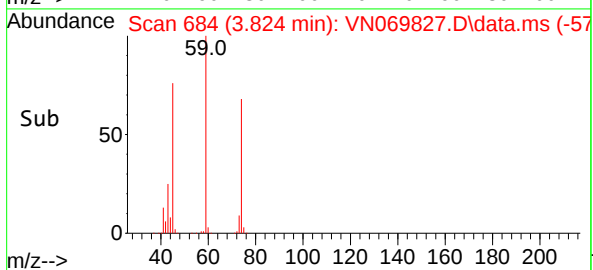
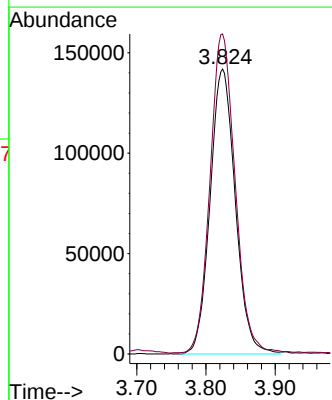
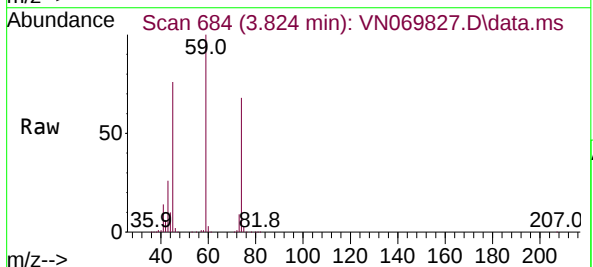
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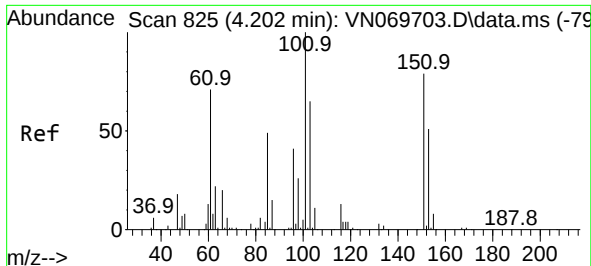
Reviewed By :John Carlone 12/08/2021
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#8
Diethyl Ether
Concen: 49.115 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 359023
Ion Ratio Lower Upper
74 100
45 111.3 47.0 141.2





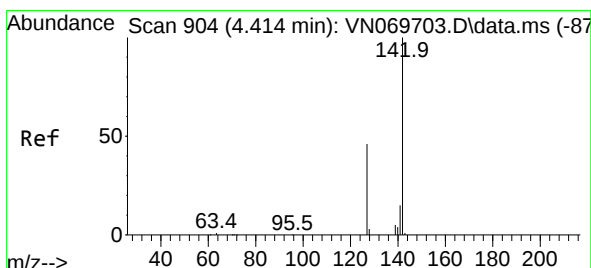
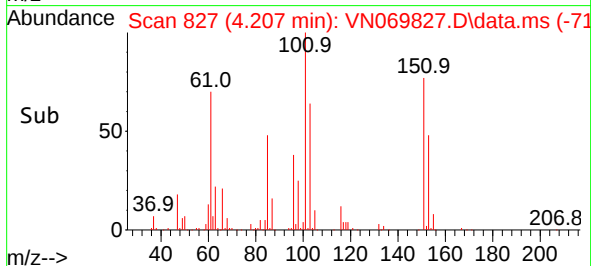
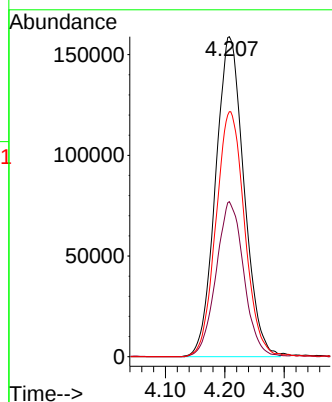
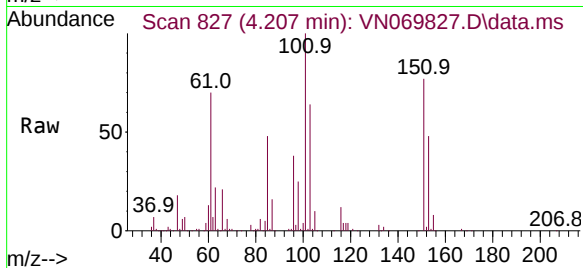
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.769 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 52949
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 77.1 65.9 98.9

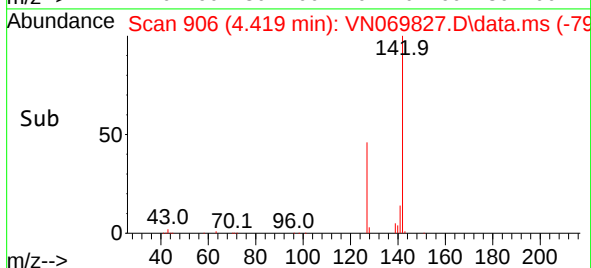
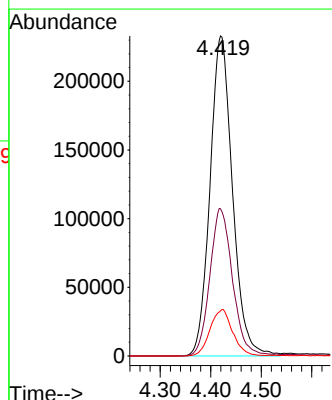
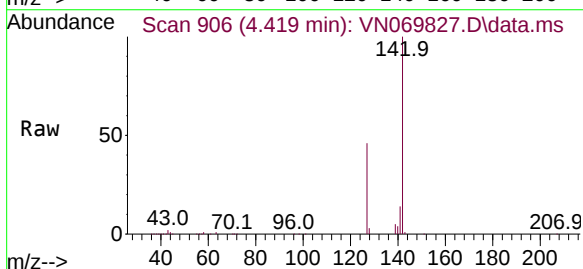
Manual Integrations
APPROVED

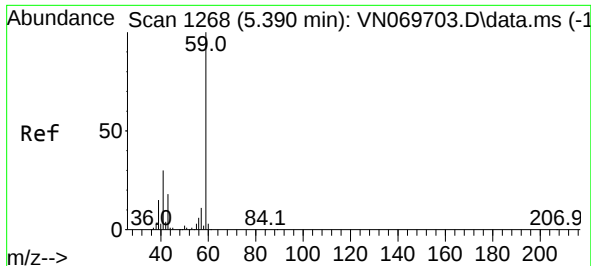
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 49.592 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

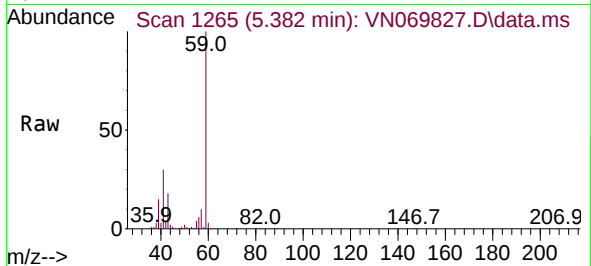
Tgt Ion:142 Resp: 720791
Ion Ratio Lower Upper
142 100
127 46.5 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 204.508 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

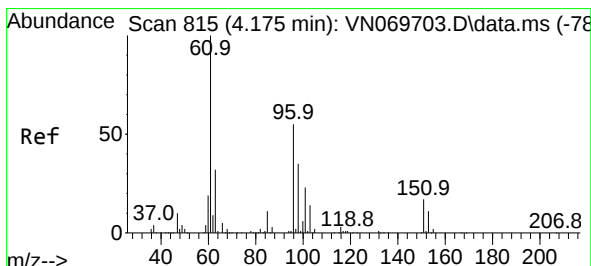
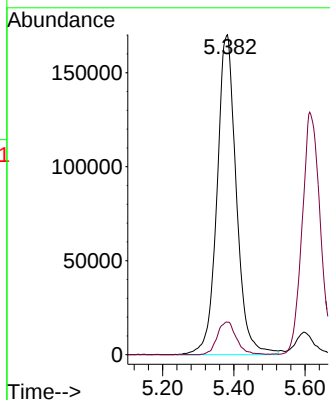
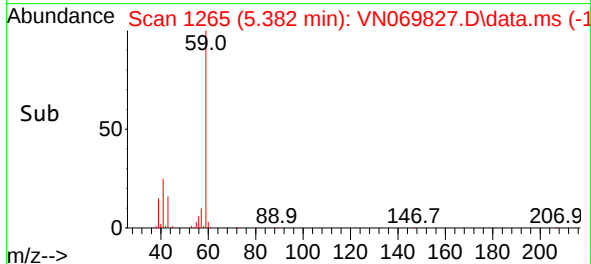
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



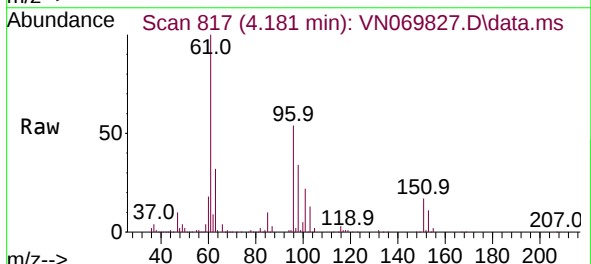
Tgt Ion: 59 Resp: 642408
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

Manual Integrations
APPROVED

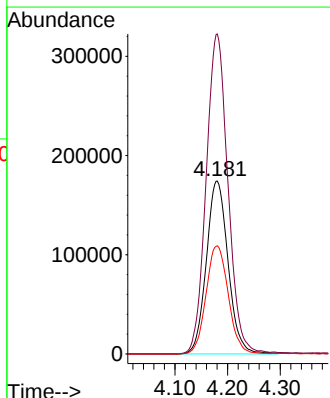
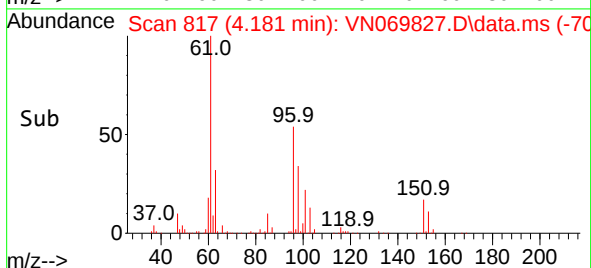
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#12
1,1-Dichloroethene
Concen: 48.875 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30



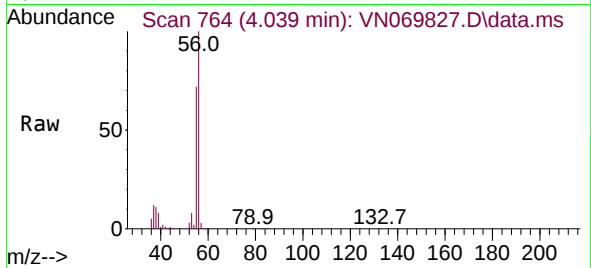
Tgt Ion: 96 Resp: 501074
Ion Ratio Lower Upper
96 100
61 185.2 131.0 196.6
98 62.6 52.4 78.6





#13
Acrolein
Concen: 318.964 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

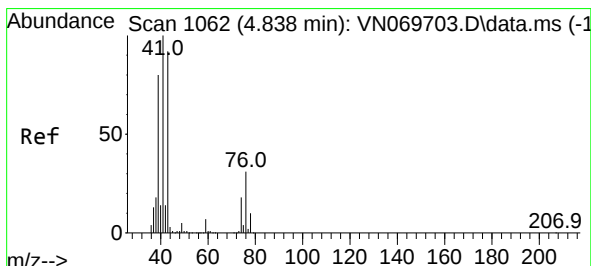
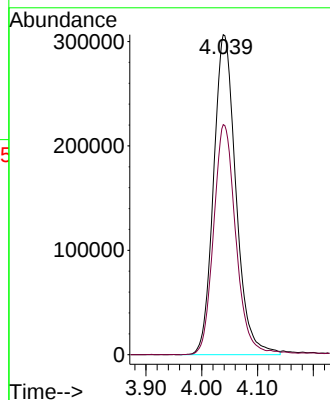
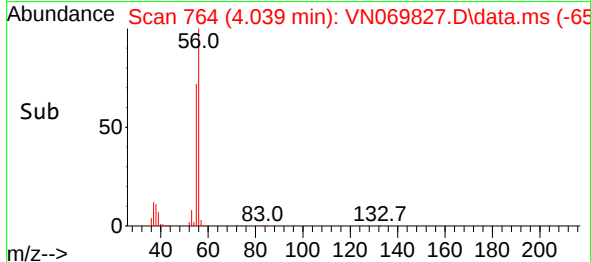
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



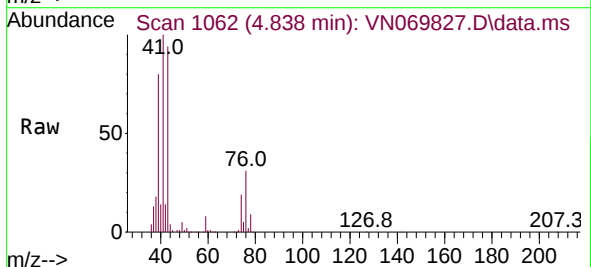
Tgt Ion: 56 Resp: 85324
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0

Manual Integrations
APPROVED

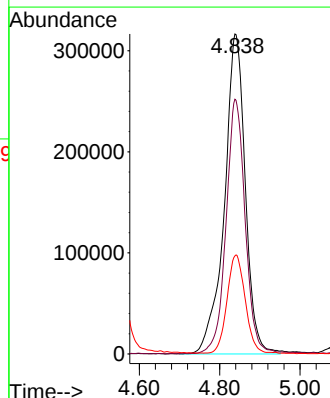
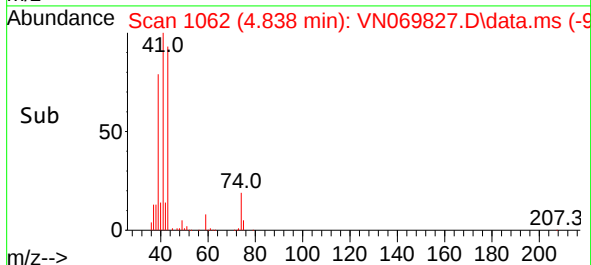
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

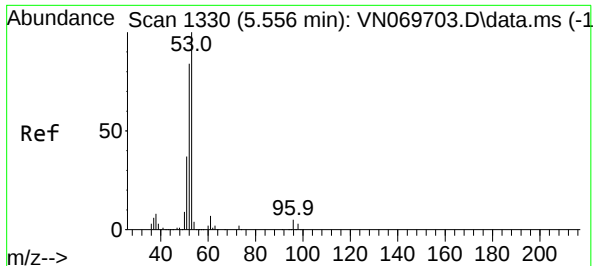


#14
Allyl chloride
Concen: 49.581 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30



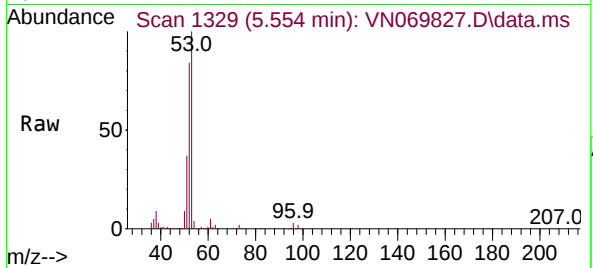
Tgt Ion: 41 Resp: 1145420
Ion Ratio Lower Upper
41 100
39 72.3 61.2 91.8
76 26.4 26.0 39.0





#15
Acrylonitrile
Concen: 230.928 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

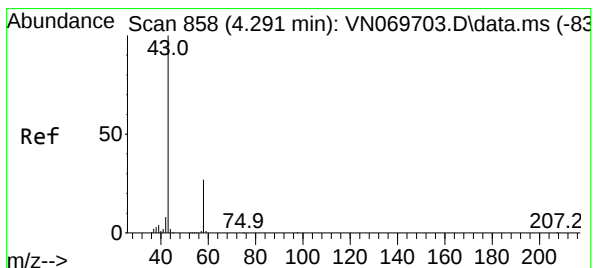
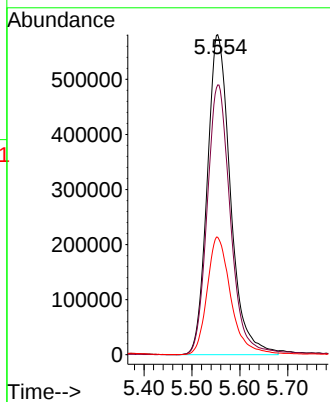
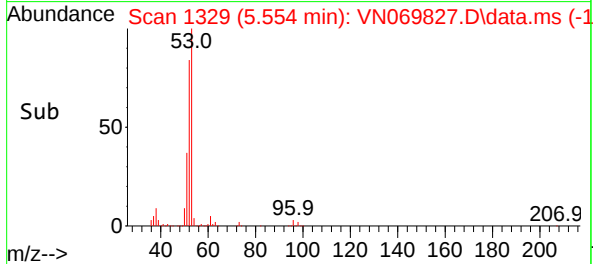
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



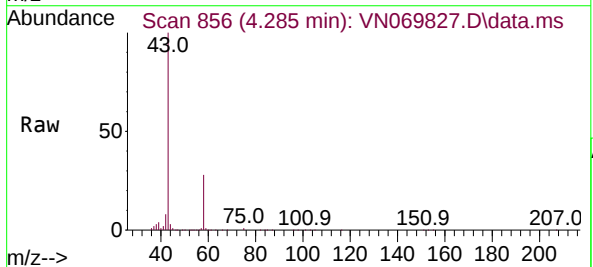
Tgt Ion: 53 Resp: 1954689
Ion Ratio Lower Upper
53 100
52 84.4 66.2 99.2
51 37.6 29.6 44.4

Manual Integrations
APPROVED

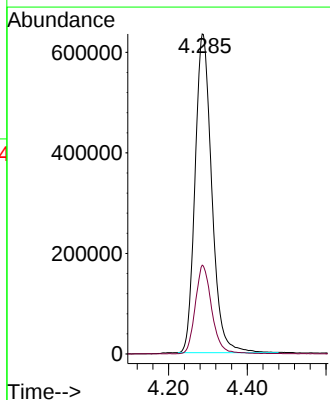
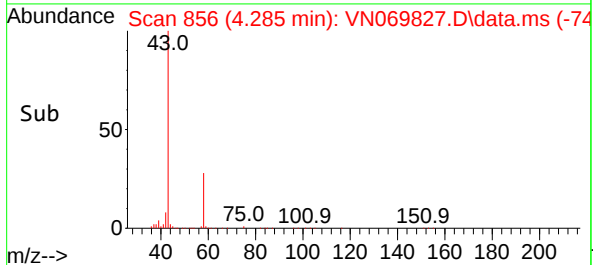
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

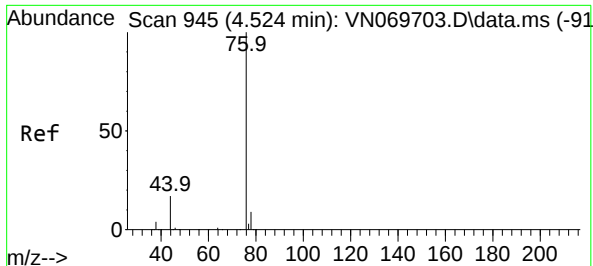


#16
Acetone
Concen: 187.162 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30



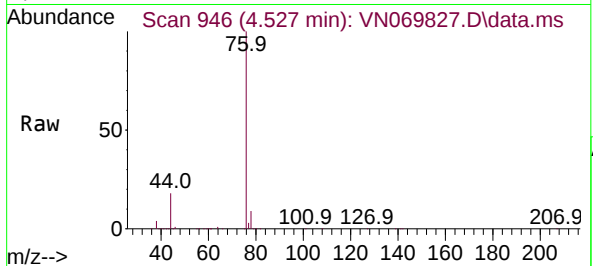
Tgt Ion: 43 Resp: 1870976
Ion Ratio Lower Upper
43 100
58 27.8 23.1 34.7





#17
Carbon Disulfide
Concen: 49.045 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

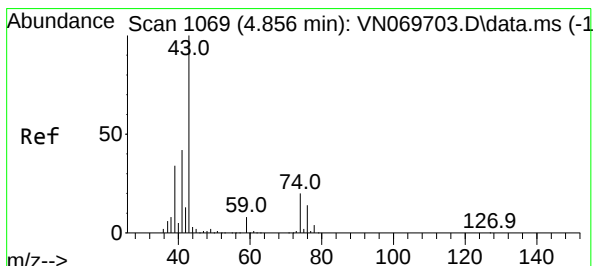
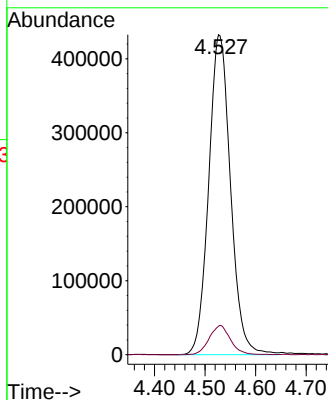
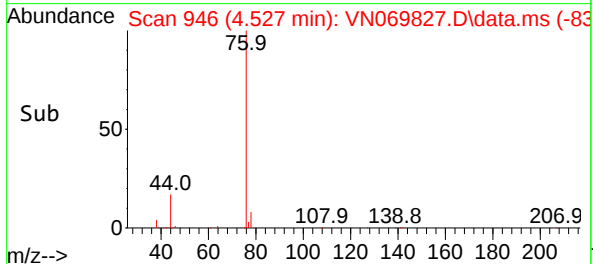
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



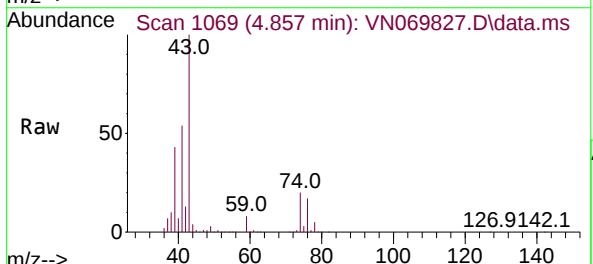
Tgt Ion: 76 Resp: 129902
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Manual Integrations
APPROVED

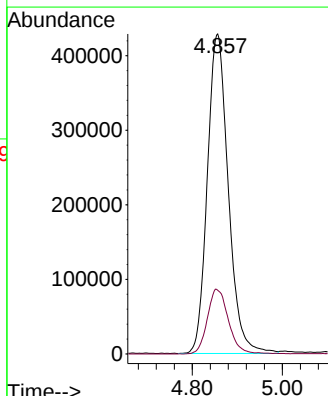
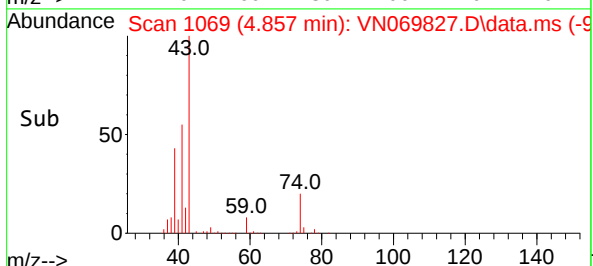
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

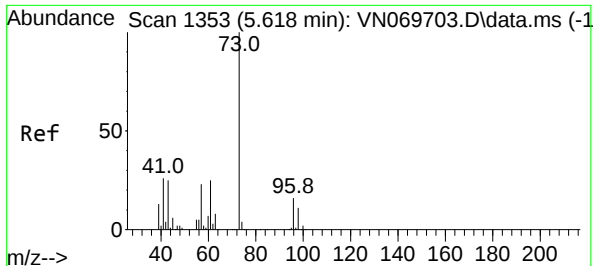


#18
Methyl Acetate
Concen: 45.926 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30



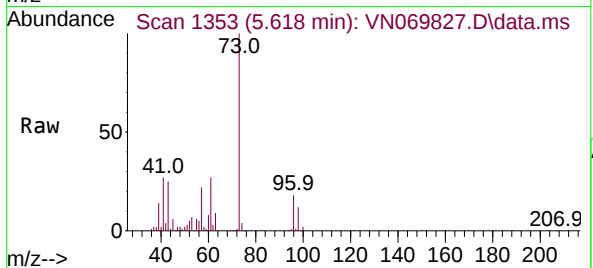
Tgt Ion: 43 Resp: 1385773
Ion Ratio Lower Upper
43 100
74 20.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 49.949 ug/l
RT: 5.618 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

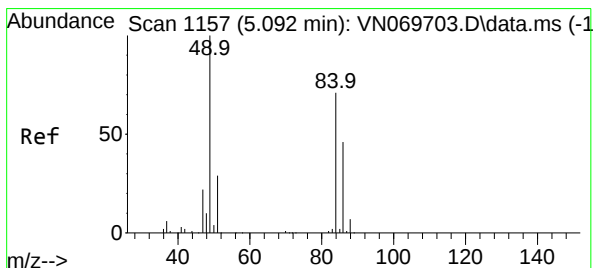
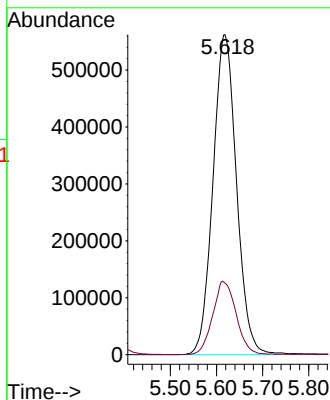
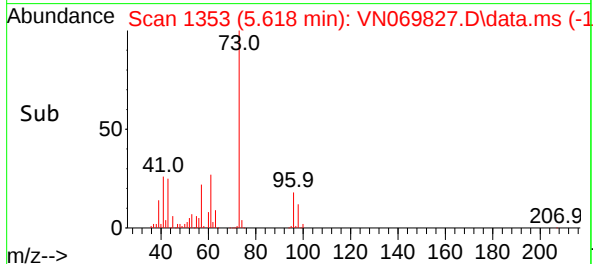
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 1991119
Ion Ratio Lower Upper
73 100
57 22.3 16.8 25.2

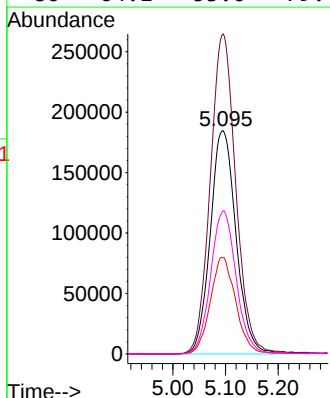
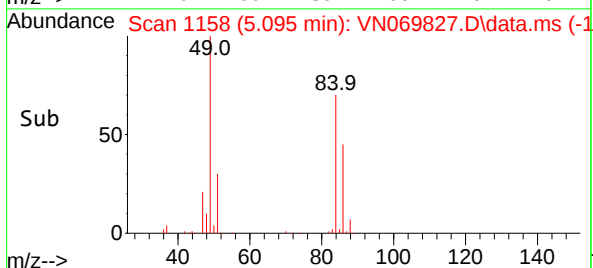
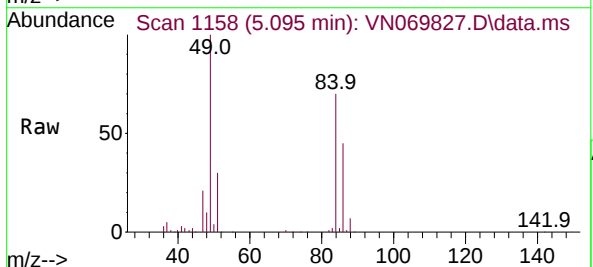
Manual Integrations
APPROVED

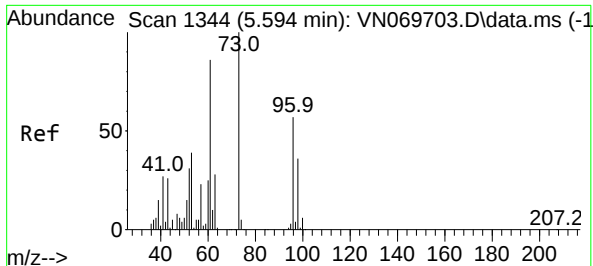
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#20
Methylene Chloride
Concen: 47.335 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

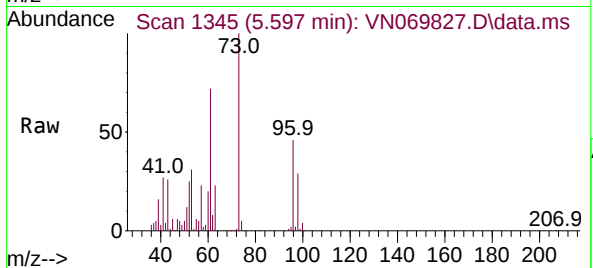
Tgt Ion: 84 Resp: 629041
Ion Ratio Lower Upper
84 100
49 143.2 93.5 140.3#
51 43.2 29.4 44.2
86 64.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.803 ug/l
RT: 5.597 min Scan# 1344
Delta R.T. 0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

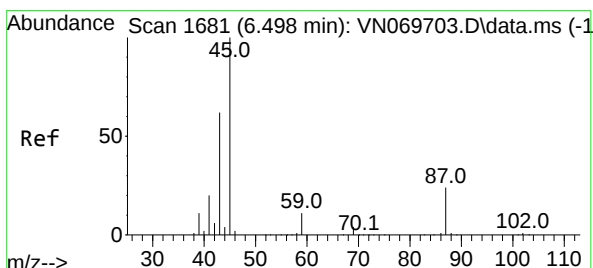
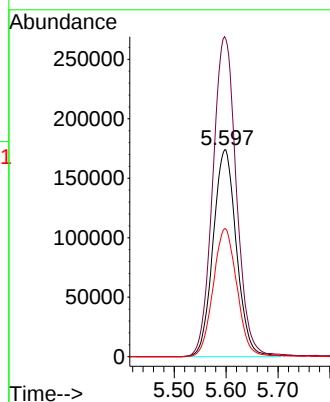
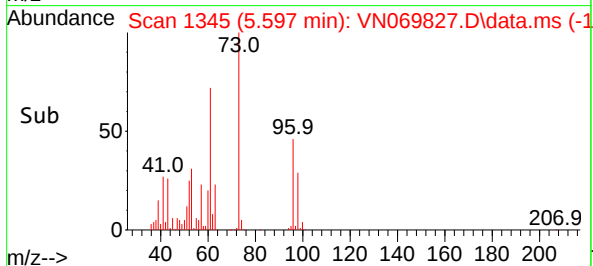
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 543440
Ion Ratio Lower Upper
96 100
61 154.6 105.8 158.6
98 61.8 52.0 78.0

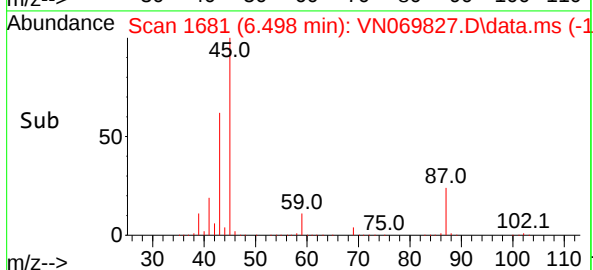
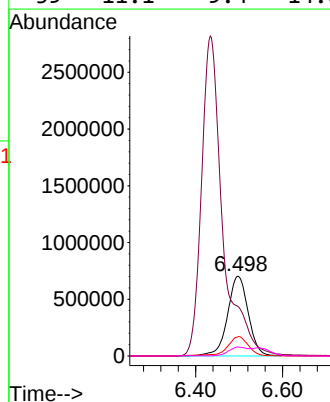
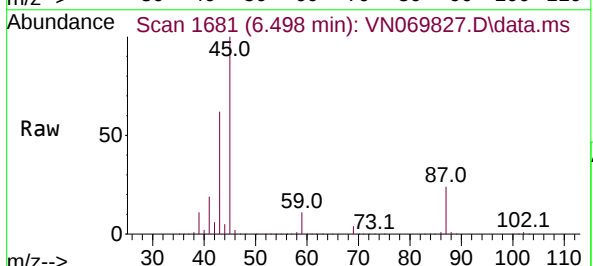
Manual Integrations
APPROVED

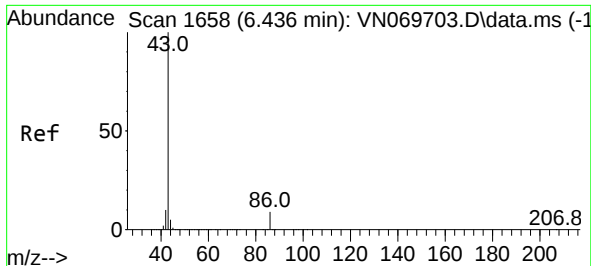
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#22
Diisopropyl ether
Concen: 51.409 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Tgt Ion: 45 Resp: 2321320
Ion Ratio Lower Upper
45 100
43 61.6 51.7 77.5
87 24.0 23.2 34.8
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 259.363 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069827.D
 Acq: 7 Dec 2021 20:30

Instrument :

MSVOA_N

ClientSampleId :

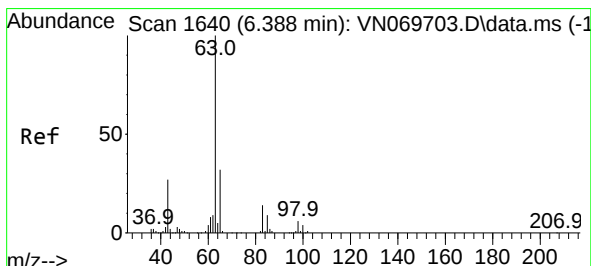
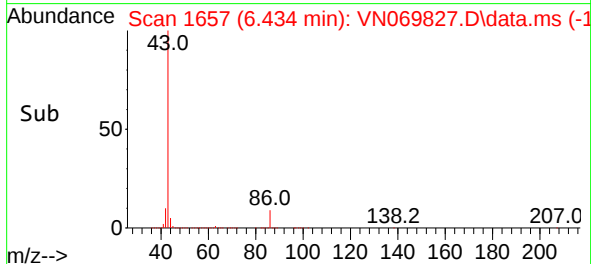
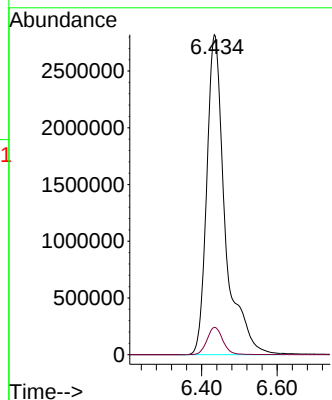
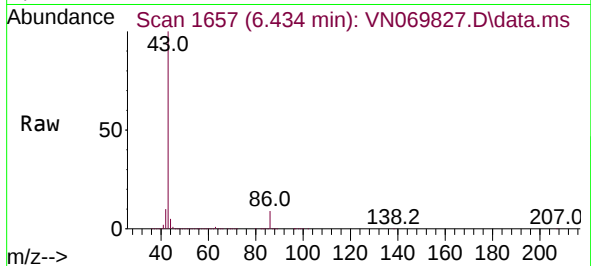
VSTDCCC050EC

Tgt Ion: 43 Resp: 952787
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

Manual Integrations

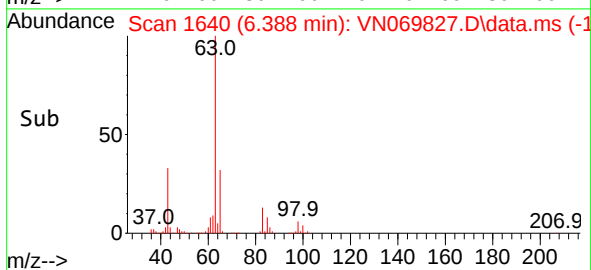
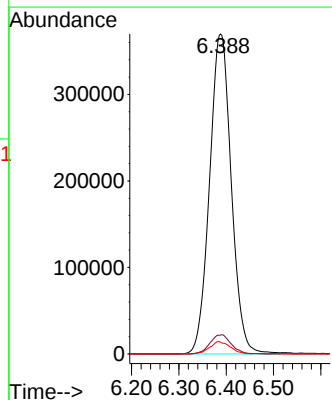
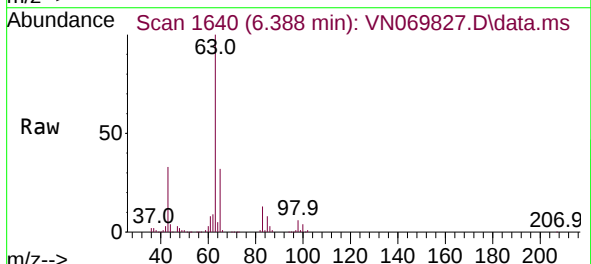
APPROVED

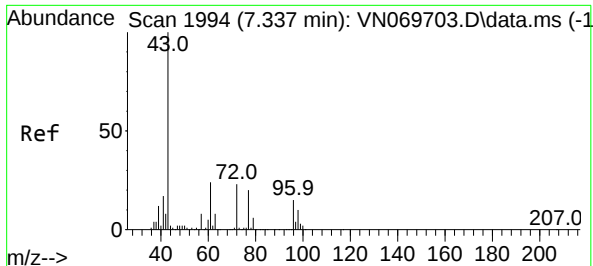
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#24
 1,1-Dichloroethane
 Concen: 50.447 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069827.D
 Acq: 7 Dec 2021 20:30

Tgt Ion: 63 Resp: 1179975
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.7 2.1 6.5





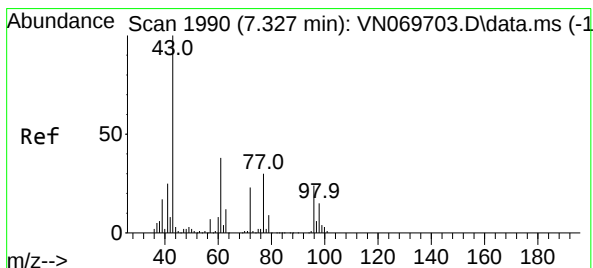
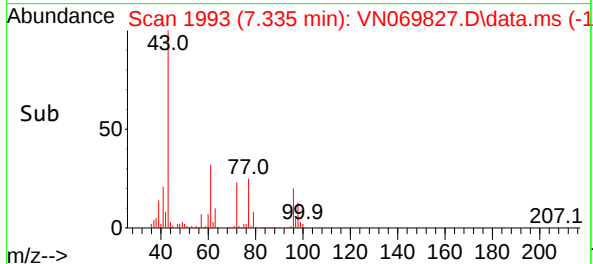
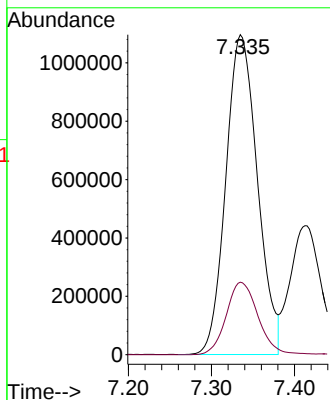
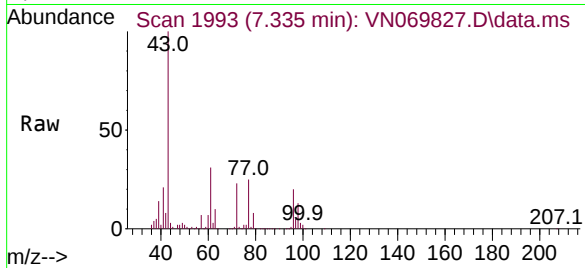
#25
2-Butanone
Concen: 213.343 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 289771
Ion Ratio Lower Upper
43 100
72 22.7 21.7 32.5

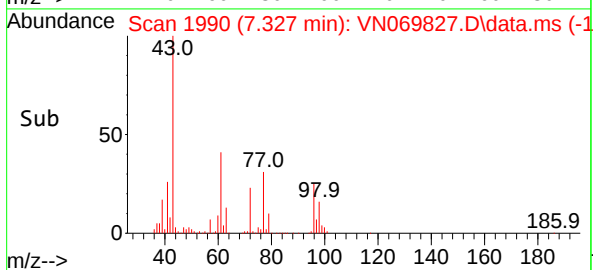
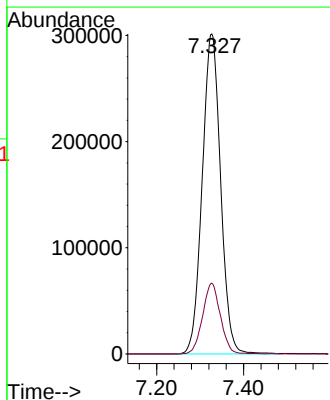
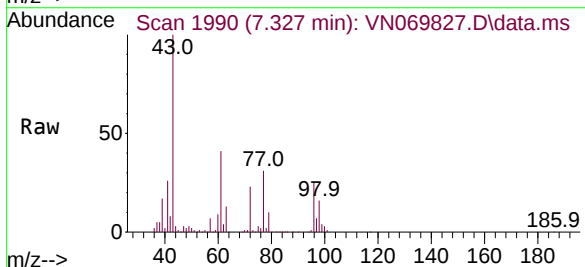
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 48.722 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Tgt Ion: 77 Resp: 886067
Ion Ratio Lower Upper
77 100
97 21.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 48.964 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069827.D

Acq: 7 Dec 2021 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 65874

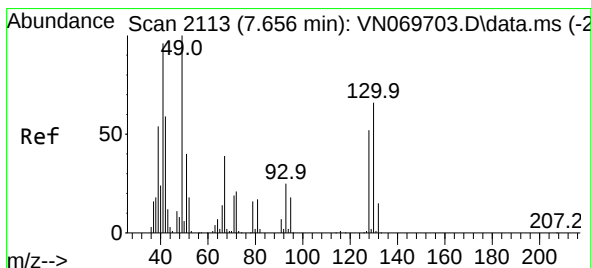
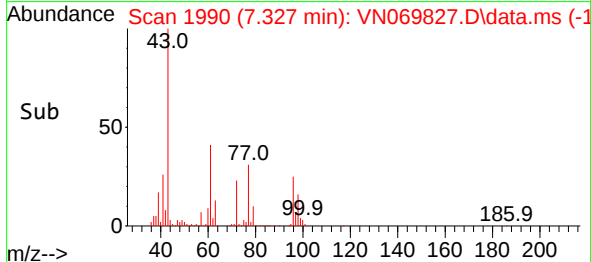
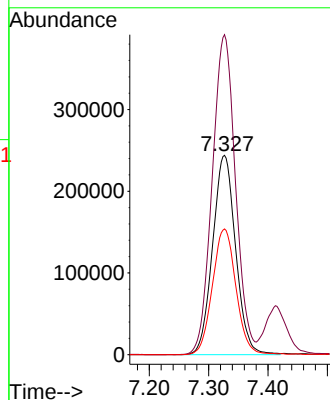
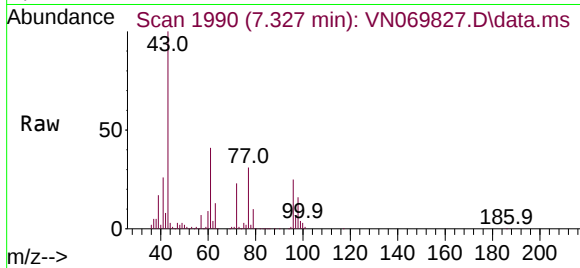
Ion	Ratio	Lower	Upper
96	100		
61	162.2	0.0	275.0
98	64.4	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#28

Bromochloromethane

Concen: 48.378 ug/l

RT: 7.657 min Scan# 2113

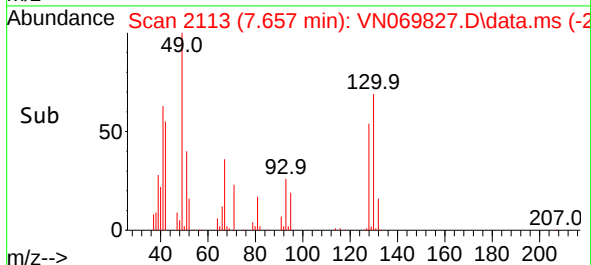
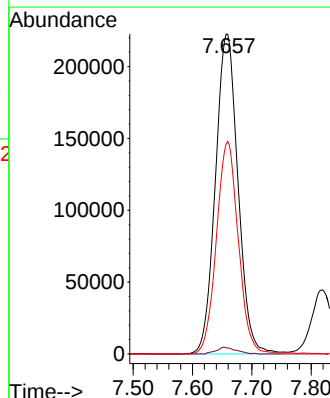
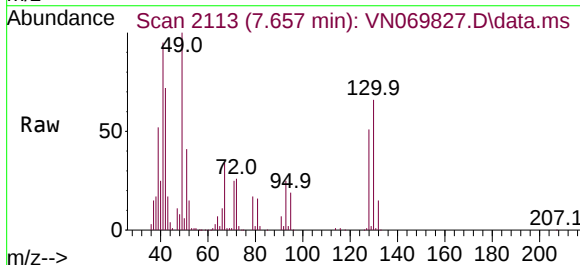
Delta R.T. 0.000 min

Lab File: VN069827.D

Acq: 7 Dec 2021 20:30

Tgt Ion: 49 Resp: 588437

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	64.4	67.8	101.8





#29

Tetrahydrofuran

Concen: 227.269 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.003 min

Lab File: VN069827.D

Acq: 7 Dec 2021 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 187442

Ion Ratio Lower Upper

42 100

72 37.4 36.3 54.5

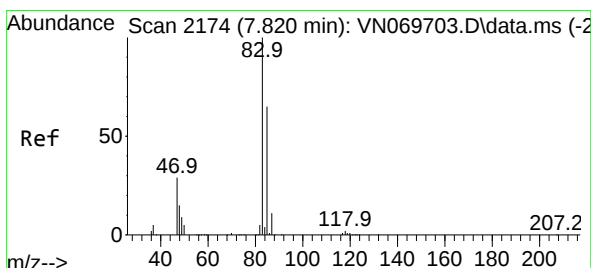
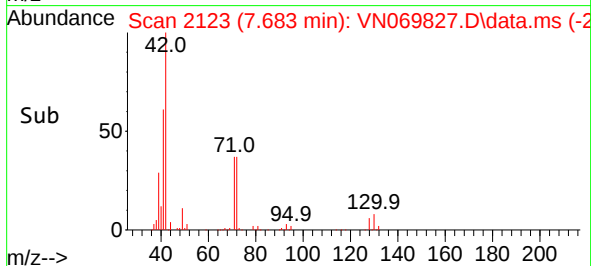
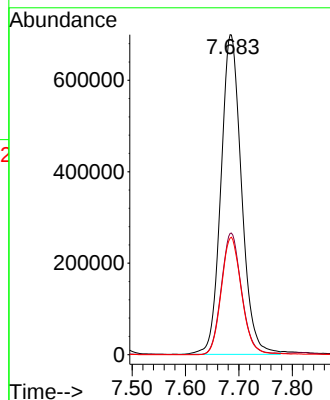
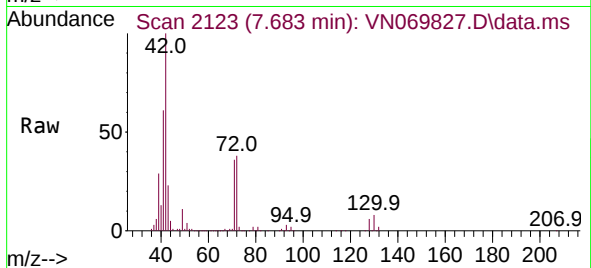
71 36.4 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#30

Chloroform

Concen: 49.690 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069827.D

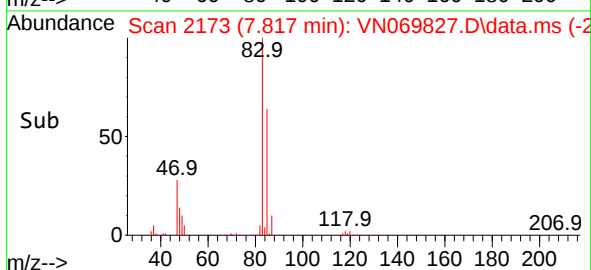
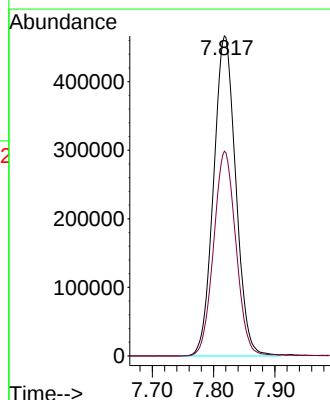
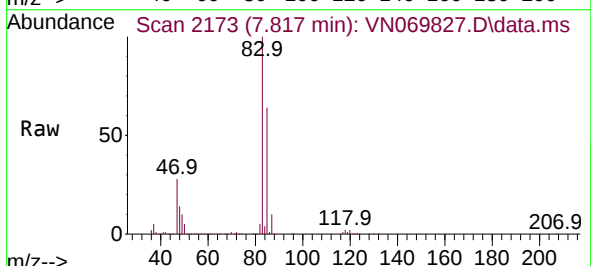
Acq: 7 Dec 2021 20:30

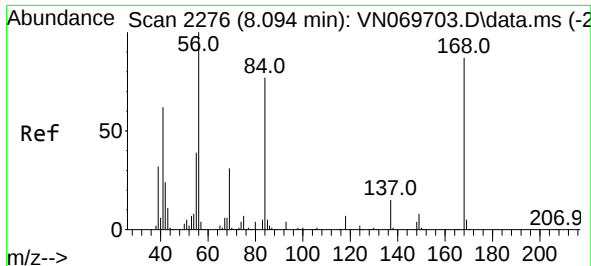
Tgt Ion: 83 Resp: 1173813

Ion Ratio Lower Upper

83 100

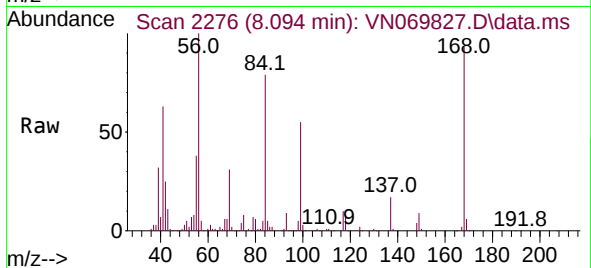
85 64.0 51.9 77.9





#31
Cyclohexane
Concen: 47.901 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

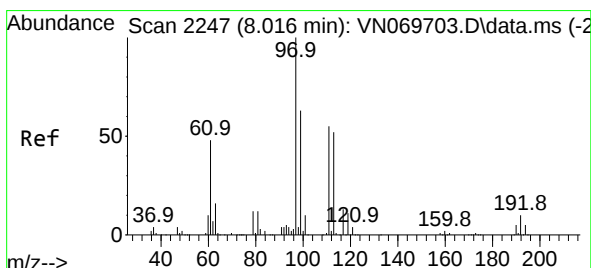
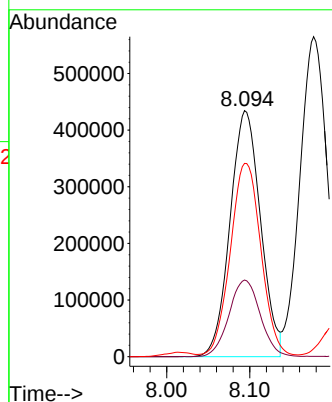
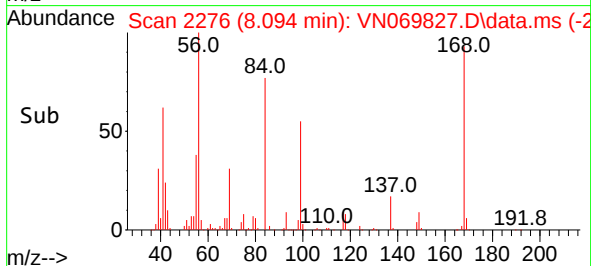
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 1107798
Ion Ratio Lower Upper
56 100
69 31.1 27.1 40.7
84 76.8 73.4 110.0

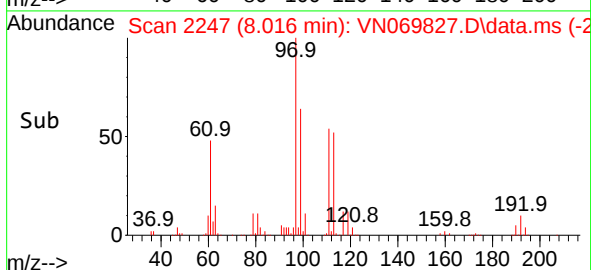
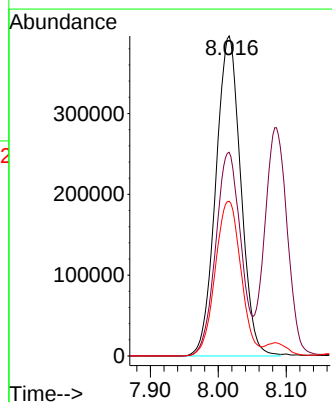
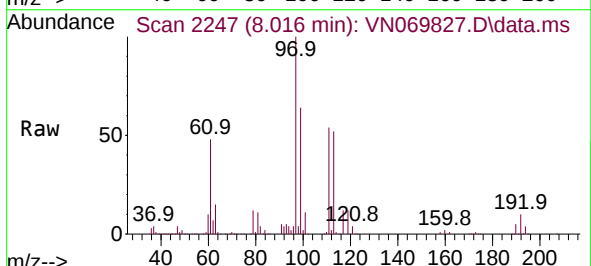
Manual Integrations
APPROVED

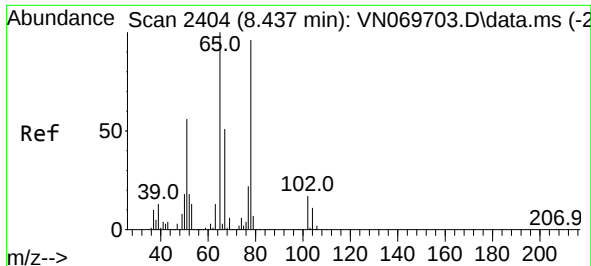
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#32
1,1,1-Trichloroethane
Concen: 50.224 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Tgt Ion: 97 Resp: 1010611
Ion Ratio Lower Upper
97 100
99 63.9 50.1 75.1
61 50.0 35.2 52.8





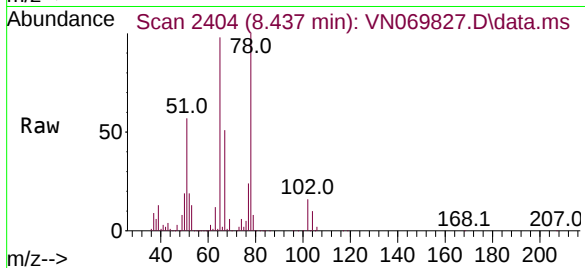
#33
 1,2-Dichloroethane-d4
 Concen: 47.013 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN069827.D
 Acq: 7 Dec 2021 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

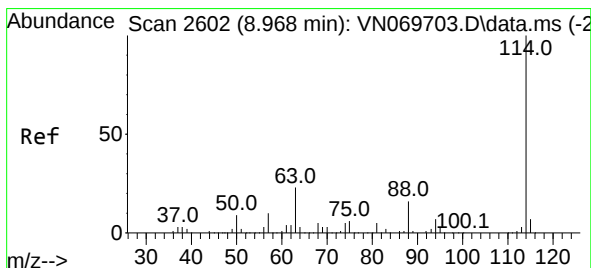
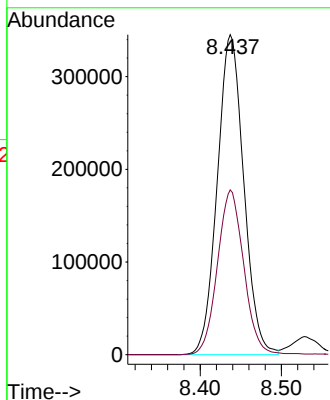
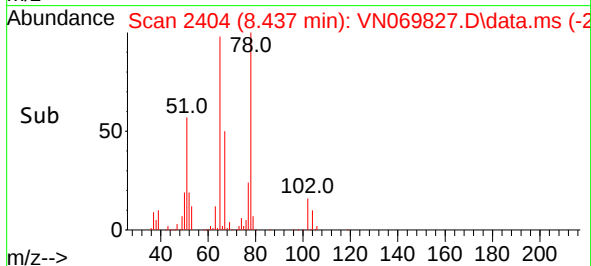


Tgt Ion: 65 Resp: 781269
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.0

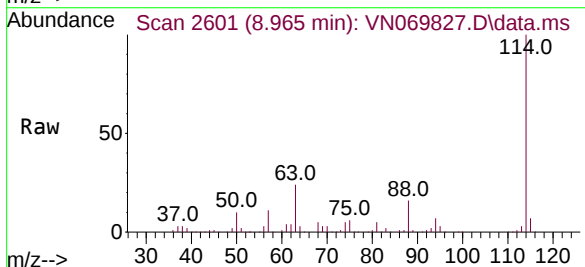
Manual Integrations

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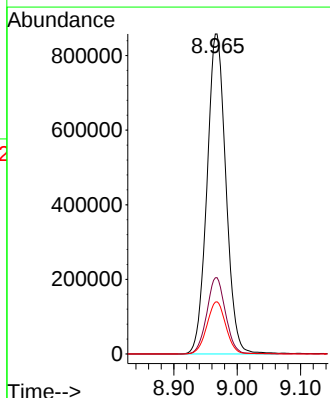
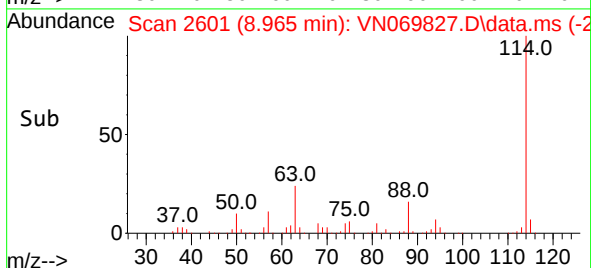
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021

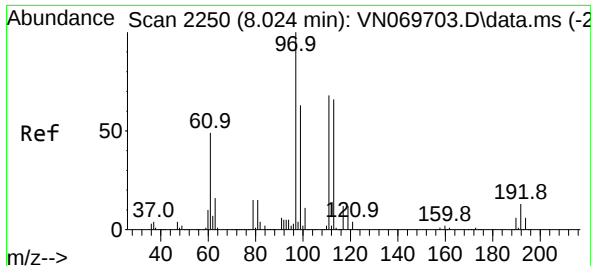


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. -0.003 min
 Lab File: VN069827.D
 Acq: 7 Dec 2021 20:30



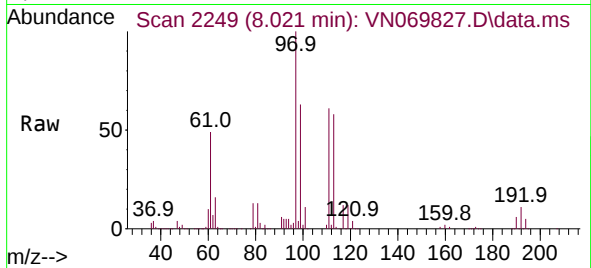
Tgt Ion:114 Resp: 1776889
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 37.8
 88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.113 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

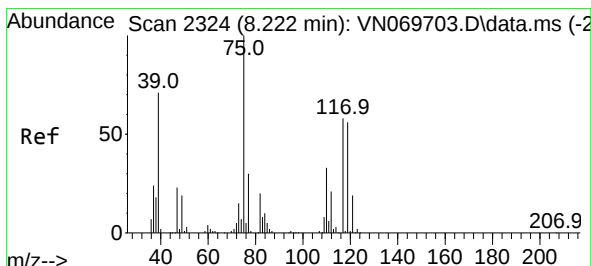
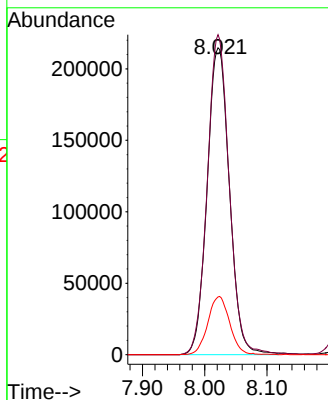
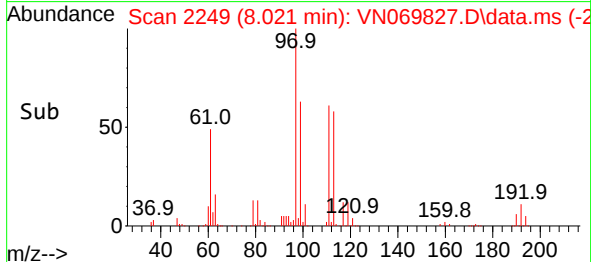
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 53550
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.6 16.9 25.3

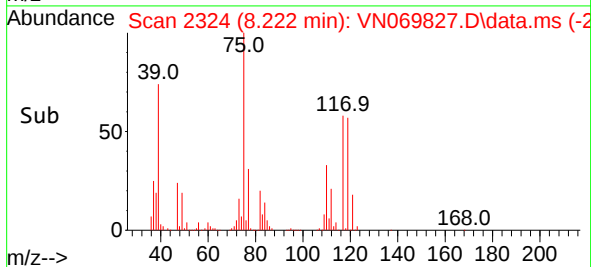
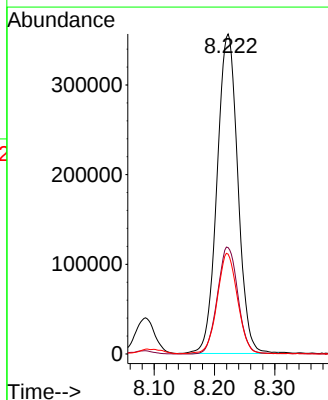
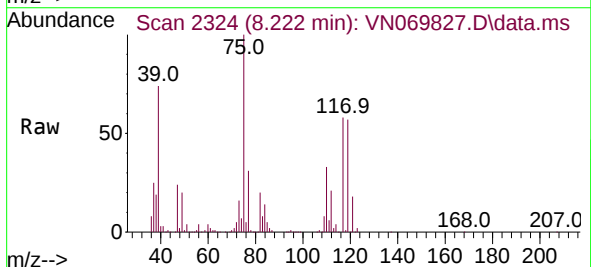
Manual Integrations
APPROVED

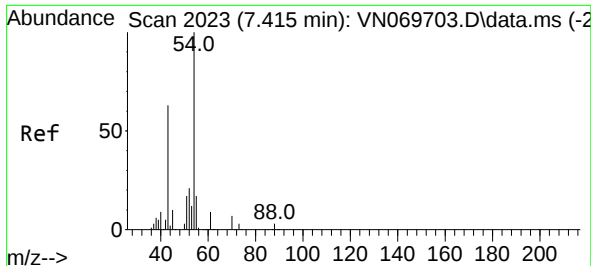
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#36
1,1-Dichloropropene
Concen: 50.455 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Tgt Ion: 75 Resp: 853468
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 30.6 24.4 36.6





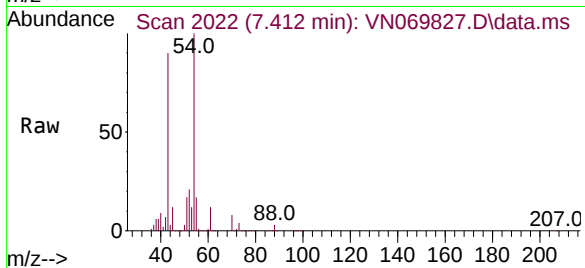
#37
Ethyl Acetate
Concen: 46.438 ug/l
RT: 7.412 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

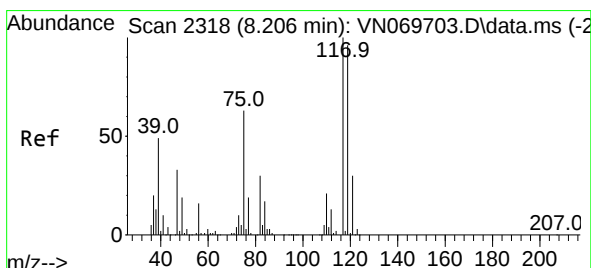
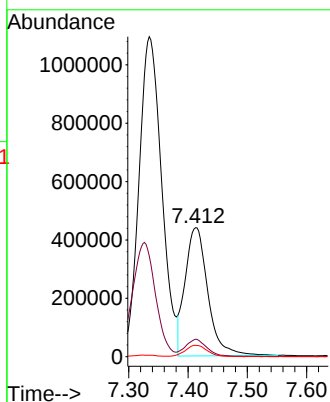
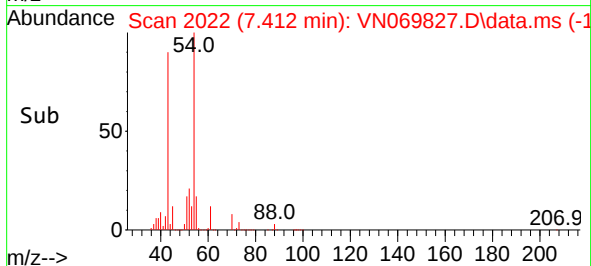


Tgt Ion: 43 Resp: 1169149
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 8.4 7.9 11.9

Manual Integrations

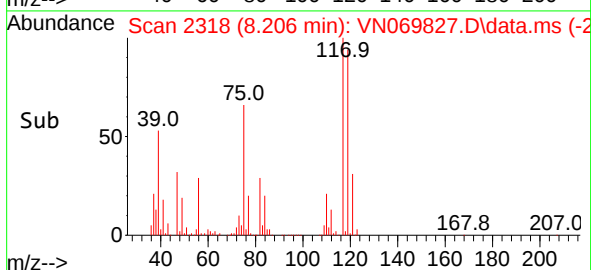
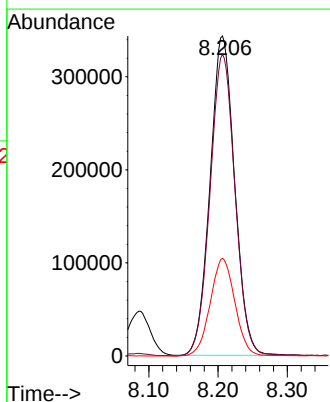
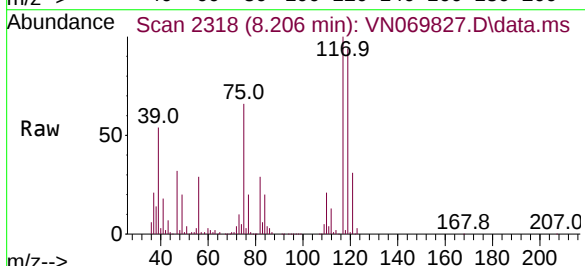
APPROVED

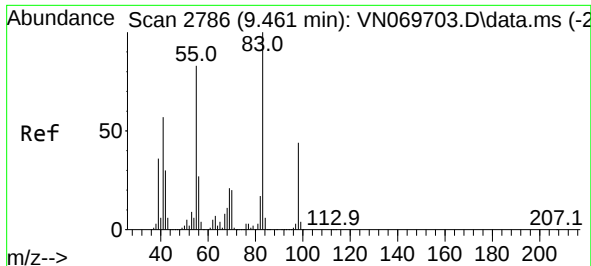
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#38
Carbon Tetrachloride
Concen: 51.041 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

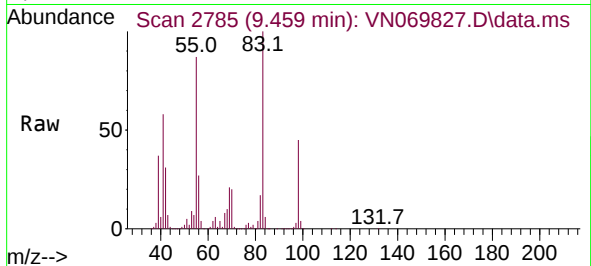
Tgt Ion:117 Resp: 846651
Ion Ratio Lower Upper
117 100
119 94.4 76.1 114.1
121 30.6 24.2 36.2





#39
Methylcyclohexane
Concen: 50.461 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

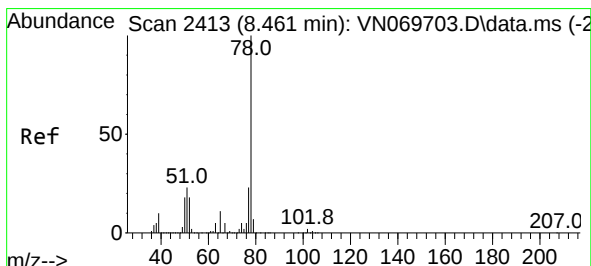
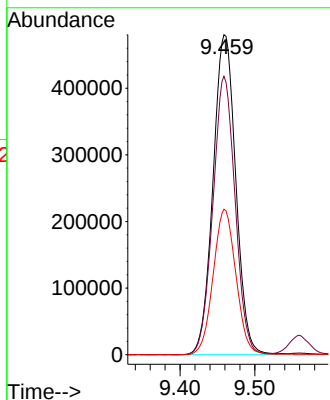
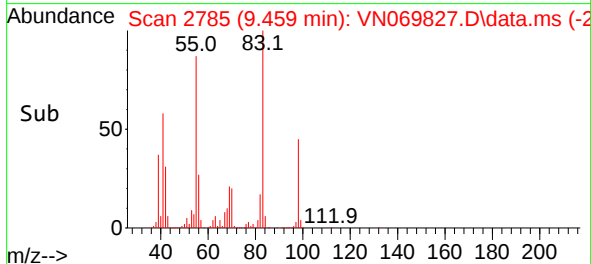
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



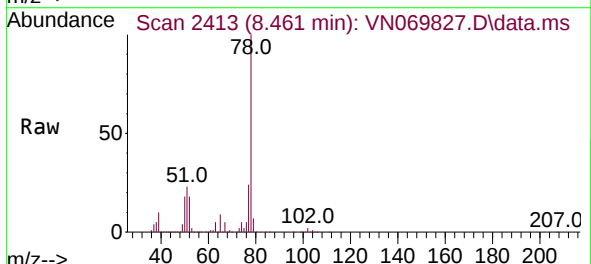
Tgt Ion: 83 Resp: 1015299
Ion Ratio Lower Upper
83 100
55 87.0 58.1 87.1
98 45.5 38.4 57.6

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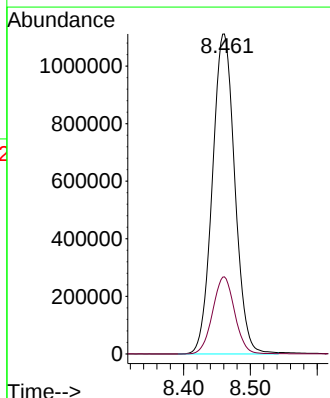
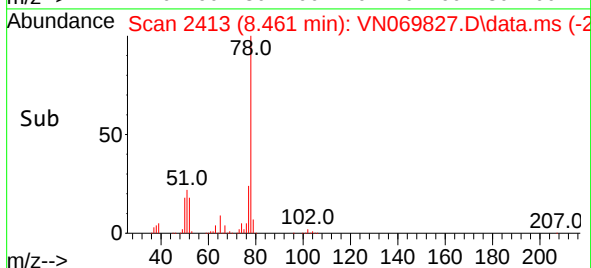
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

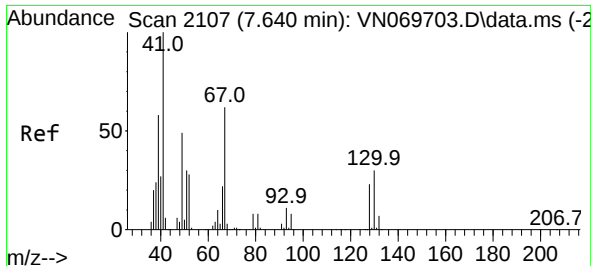


#40
Benzene
Concen: 50.149 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30



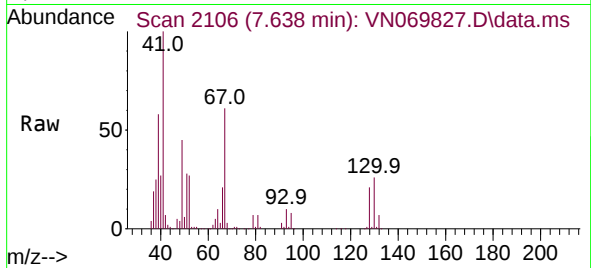
Tgt Ion: 78 Resp: 2592895
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 49.129 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

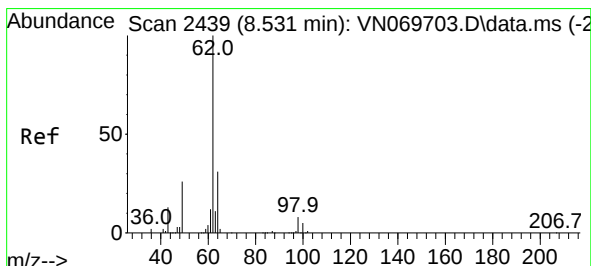
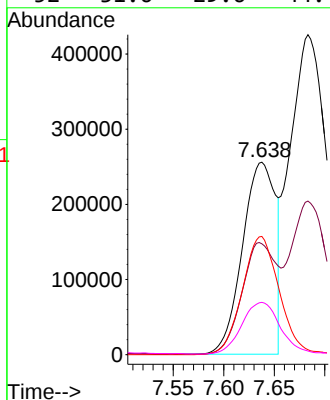
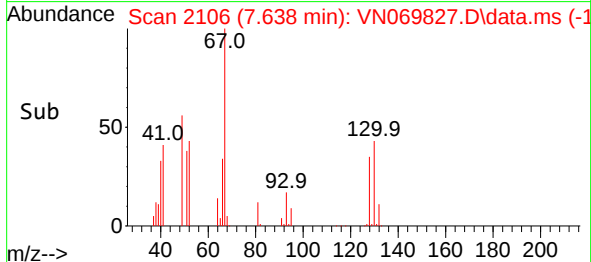
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 58064
Ion Ratio Lower Upper
41 100
39 61.4 48.1 72.1
67 69.7 68.3 102.5
52 31.6 29.6 44.4

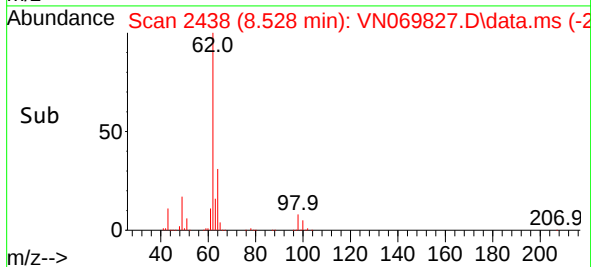
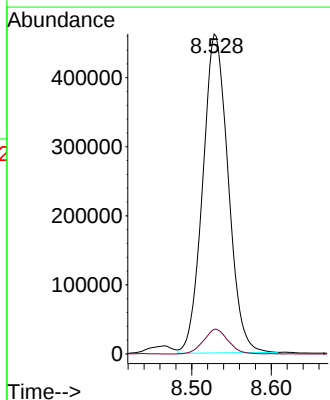
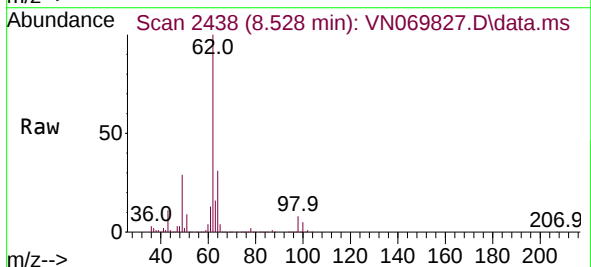
Manual Integrations
APPROVED

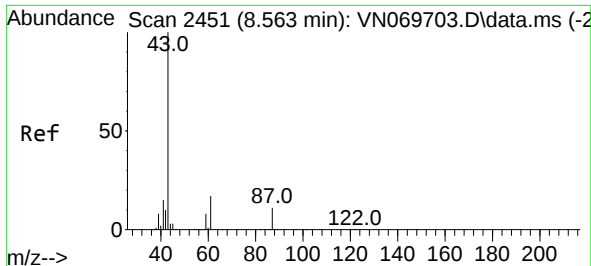
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#42
1,2-Dichloroethane
Concen: 49.220 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

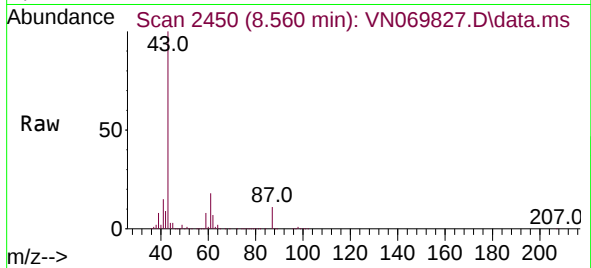
Tgt Ion: 62 Resp: 1027313
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 49.177 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

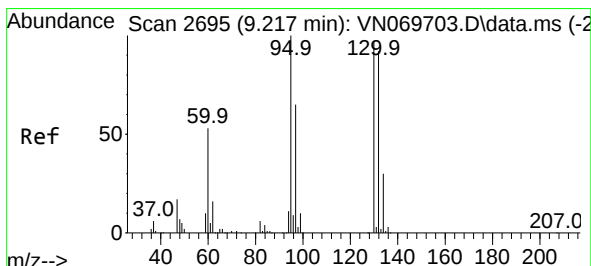
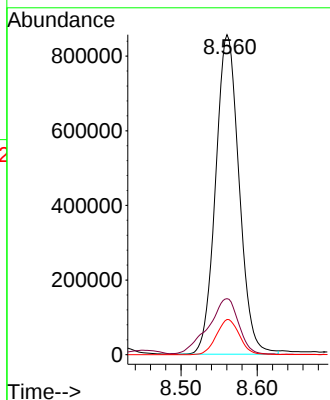
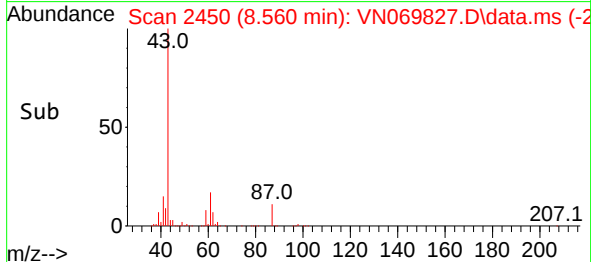
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1832200
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 10.9 11.2 16.8

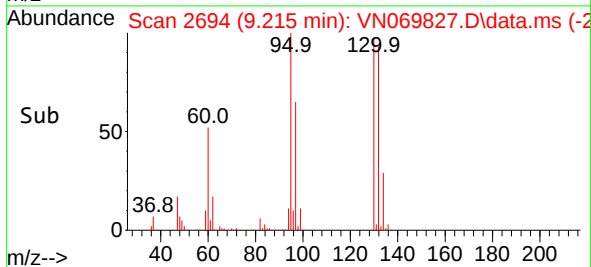
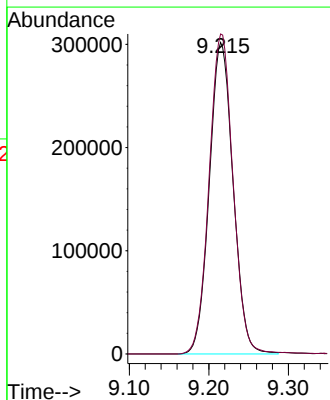
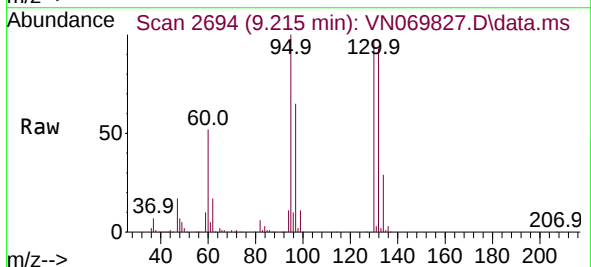
Manual Integrations
APPROVED

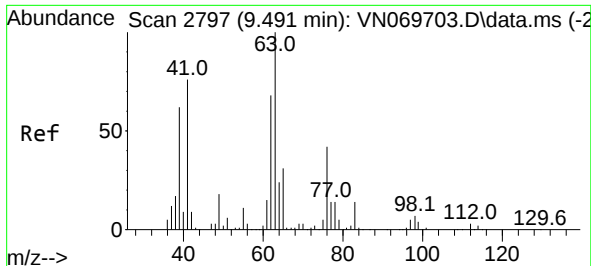
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#44
Trichloroethene
Concen: 50.851 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

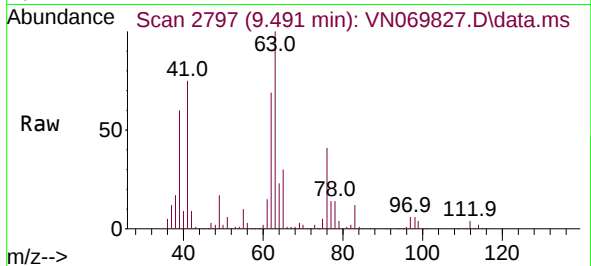
Tgt Ion:130 Resp: 627530
Ion Ratio Lower Upper
130 100
95 102.7 0.0 191.2





#45
1,2-Dichloropropane
Concen: 50.780 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

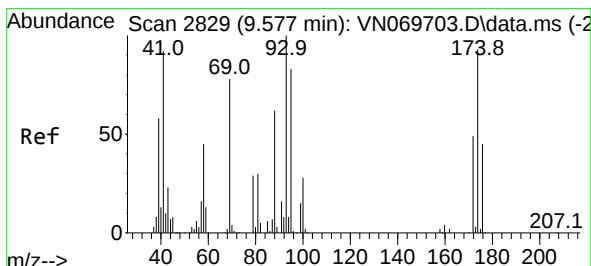
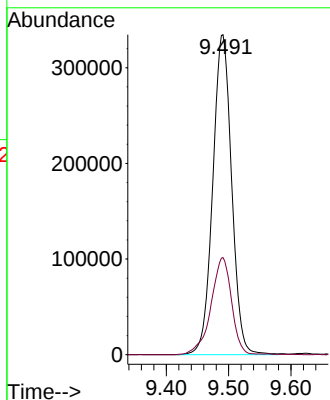
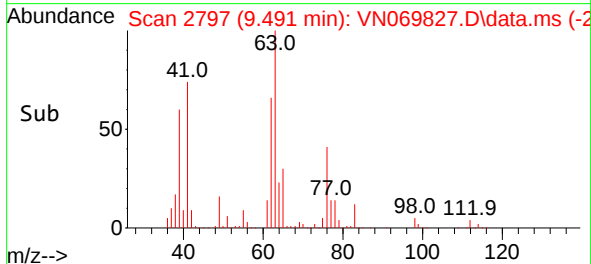
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



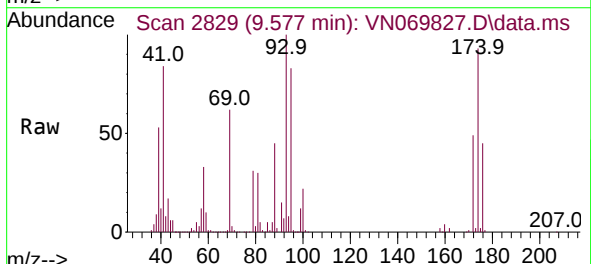
Tgt Ion: 63 Resp: 70504
Ion Ratio Lower Upper
63 100
65 30.3 24.7 37.1

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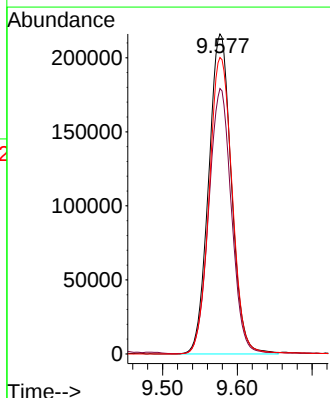
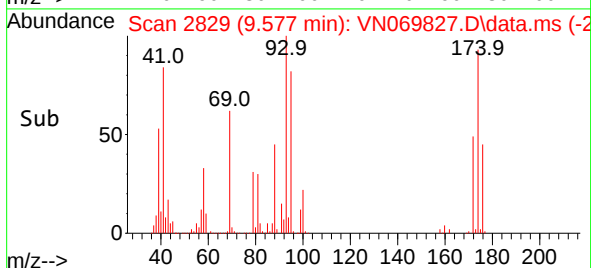
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#46
Dibromomethane
Concen: 50.222 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30



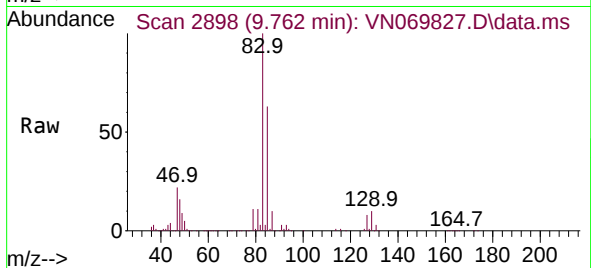
Tgt Ion: 93 Resp: 457312
Ion Ratio Lower Upper
93 100
95 82.1 65.9 98.9
174 93.2 84.6 127.0





#47
Bromodichloromethane
Concen: 52.733 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

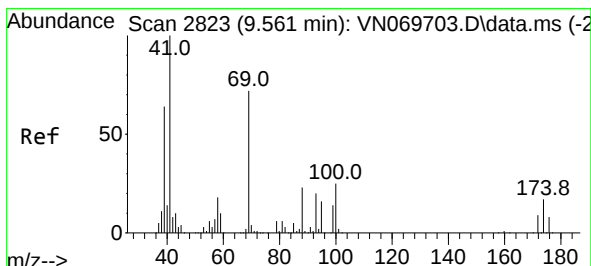
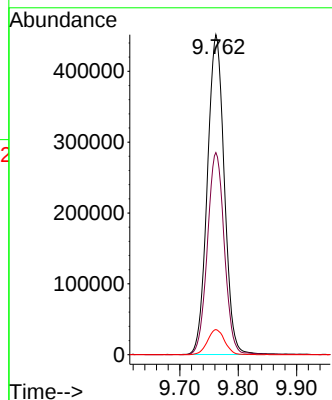
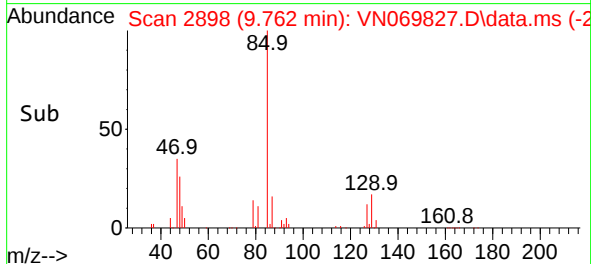
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 90915
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 7.9 7.1 10.7

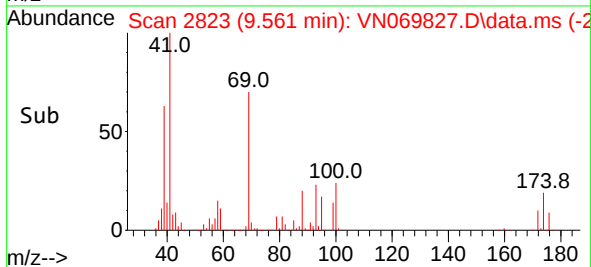
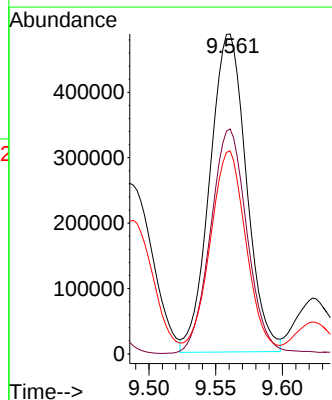
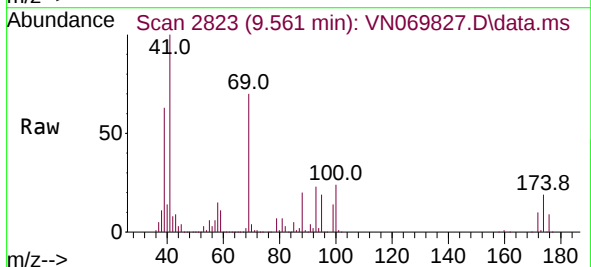
Manual Integrations
APPROVED

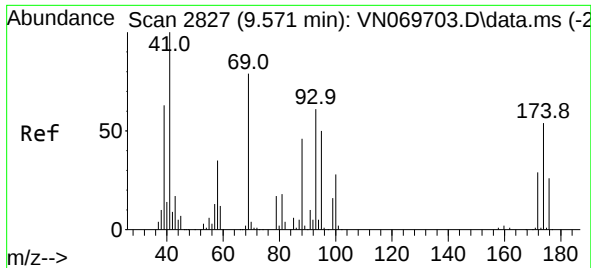
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#48
Methyl methacrylate
Concen: 53.342 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

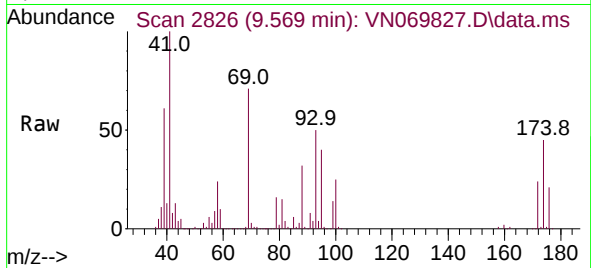
Tgt Ion: 41 Resp: 927455
Ion Ratio Lower Upper
41 100
69 70.6 72.4 108.6#
39 58.0 58.4 87.6#





#49
1,4-Dioxane
Concen: 807.720 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

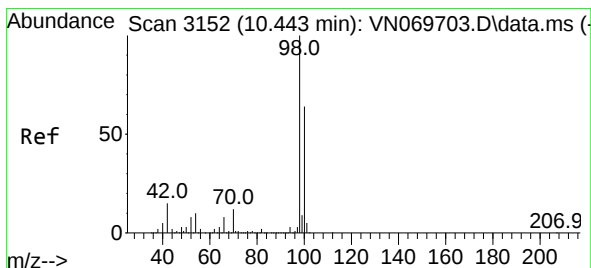
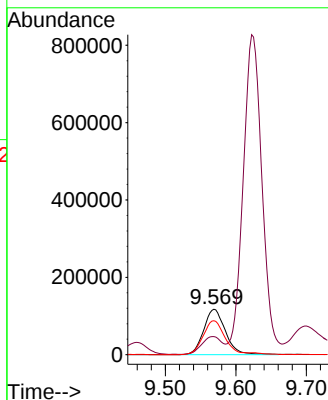
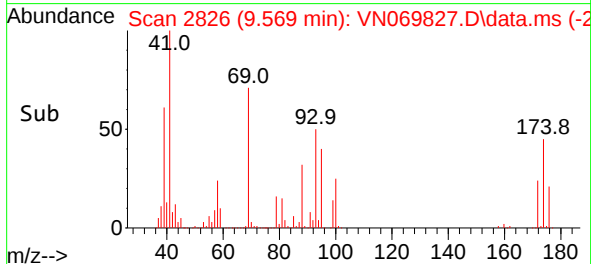
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 251989
Ion Ratio Lower Upper
88 100
43 36.2 23.4 35.2
58 74.7 50.6 75.8

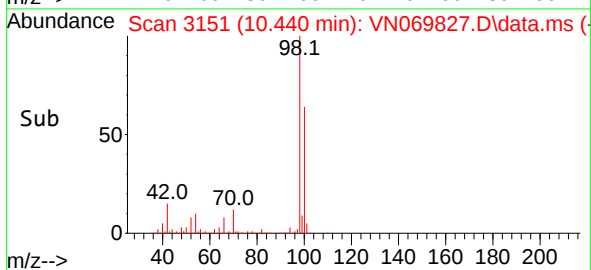
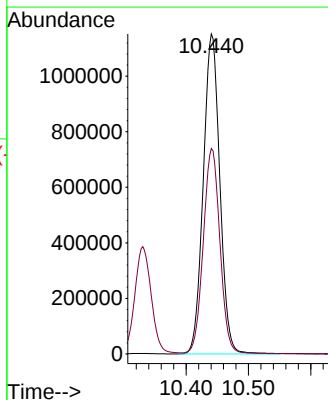
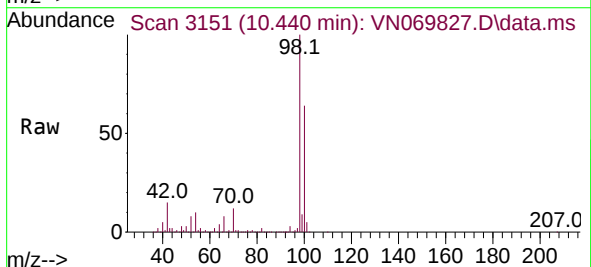
Manual Integrations
APPROVED

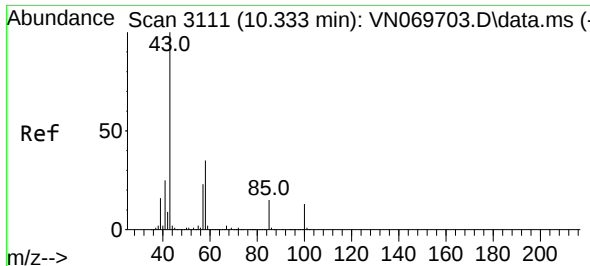
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#50
Toluene-d8
Concen: 47.666 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Tgt Ion: 98 Resp: 2130248
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6





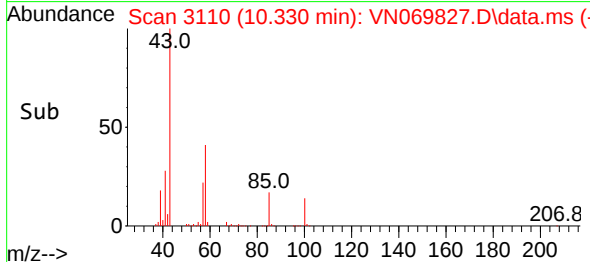
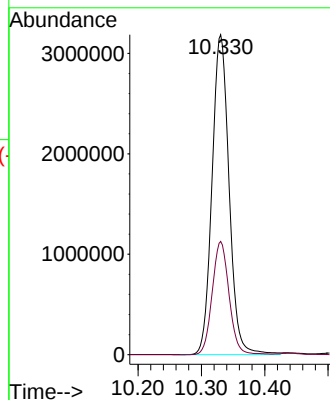
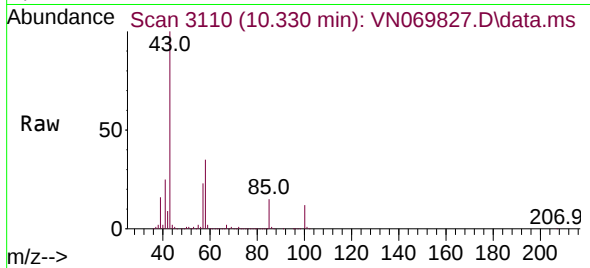
#51
4-Methyl-2-Pentanone
Concen: 246.712 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 596294
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

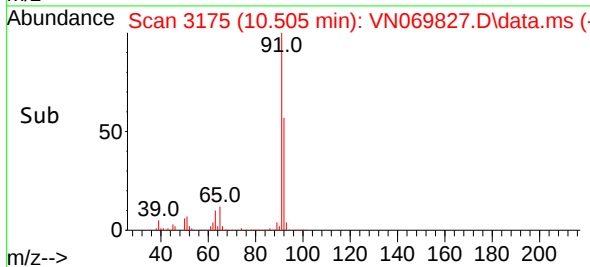
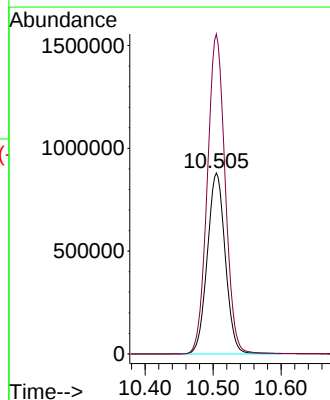
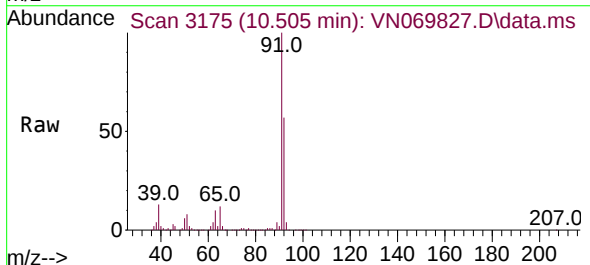
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 51.172 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

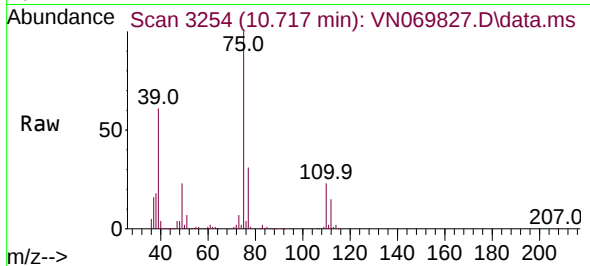
Tgt Ion: 92 Resp: 1615291
Ion Ratio Lower Upper
92 100
91 176.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 47.145 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

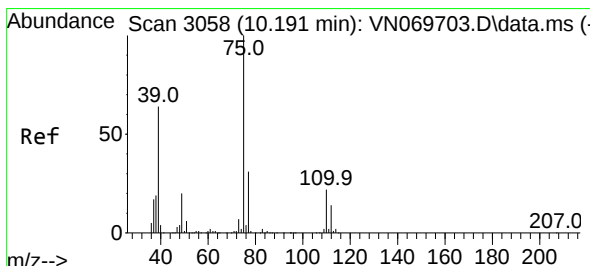
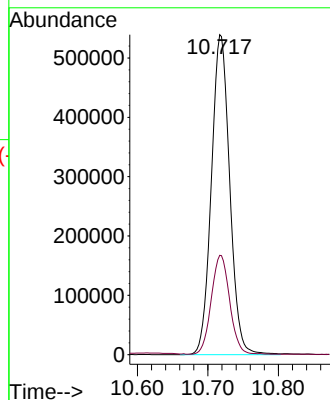
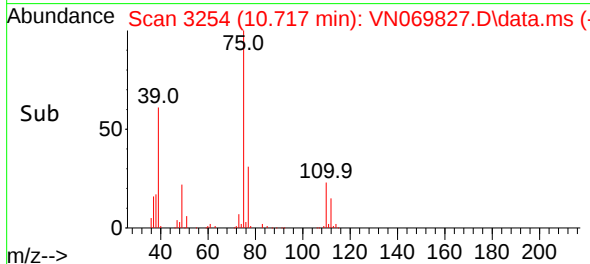
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



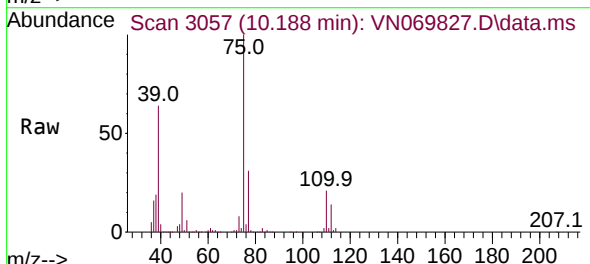
Tgt Ion: 75 Resp: 97425
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

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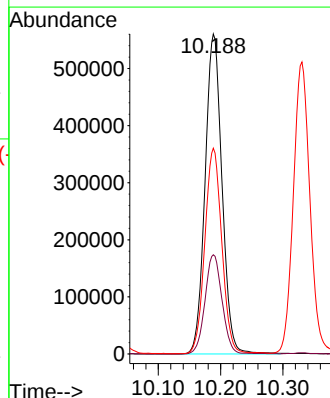
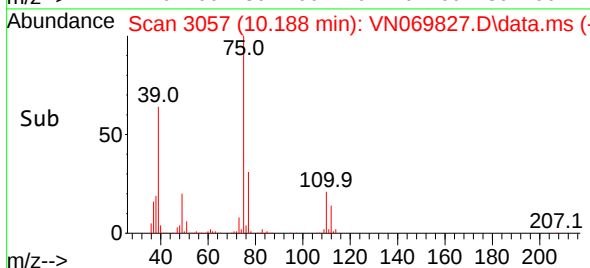
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

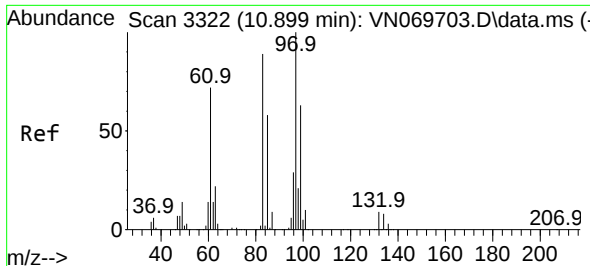


#54
cis-1,3-Dichloropropene
Concen: 48.719 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30



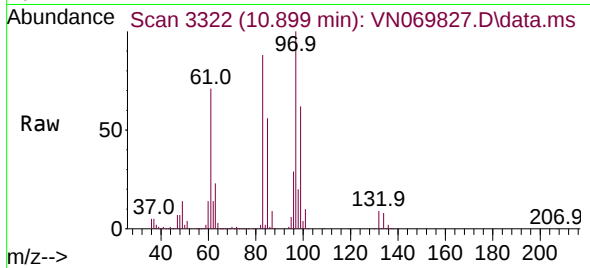
Tgt Ion: 75 Resp: 1059249
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
39 64.2 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 50.435 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

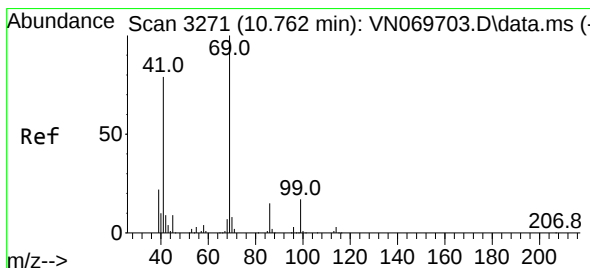
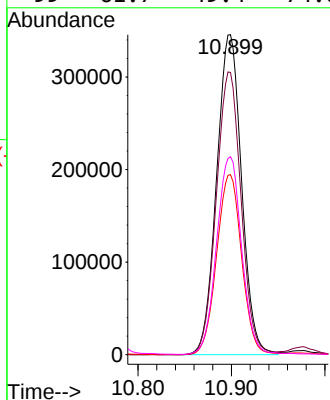
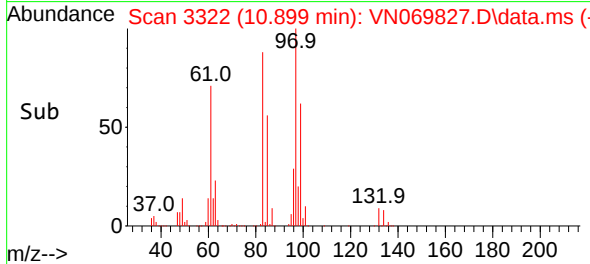
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



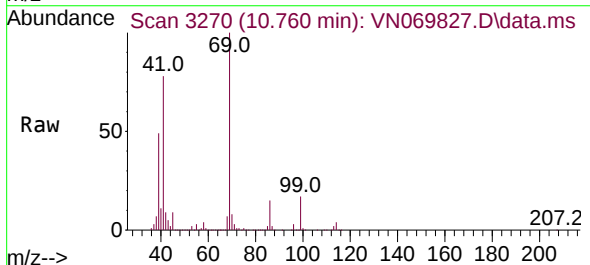
Tgt Ion:	97	Resp:	642348
Ion	Ratio	Lower	Upper
97	100		
83	88.2	67.8	101.6
85	56.3	45.4	68.2
99	61.7	49.4	74.0

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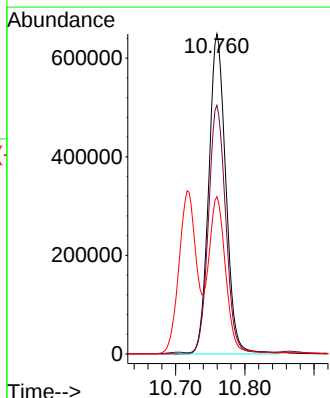
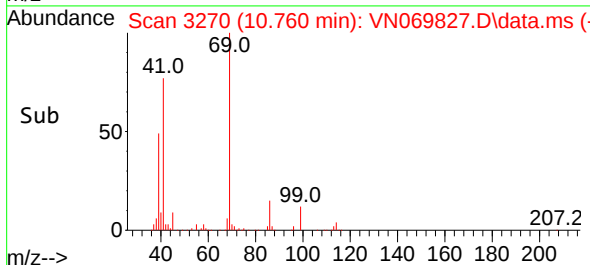
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#56
Ethyl methacrylate
Concen: 46.461 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30



Tgt Ion:	69	Resp:	1112462
Ion	Ratio	Lower	Upper
69	100		
41	77.4	51.4	77.0#
39	47.2	34.6	52.0





#57

1,3-Dichloropropane

Concen: 50.722 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069827.D

Acq: 7 Dec 2021 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 1137490

Ion Ratio Lower Upper

76 100

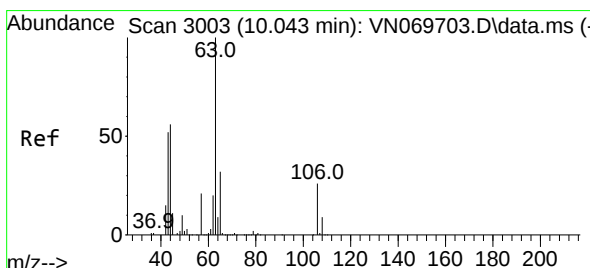
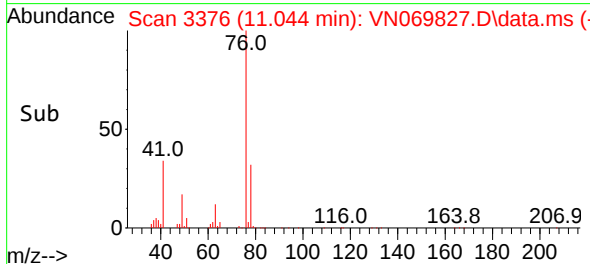
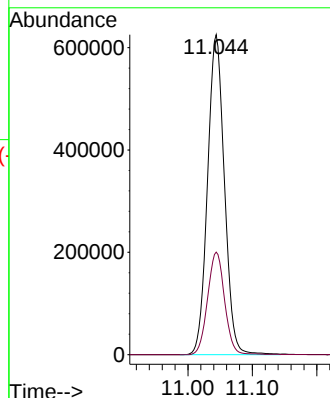
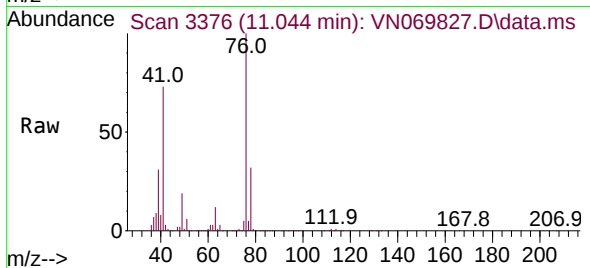
78 32.3 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#58

2-Chloroethyl Vinyl ether

Concen: 194.433 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069827.D

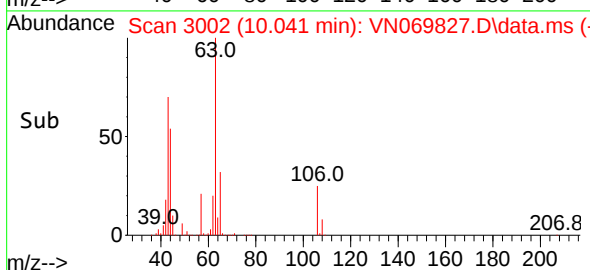
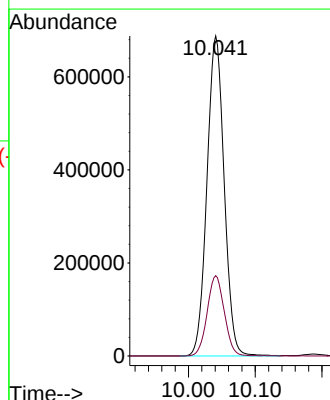
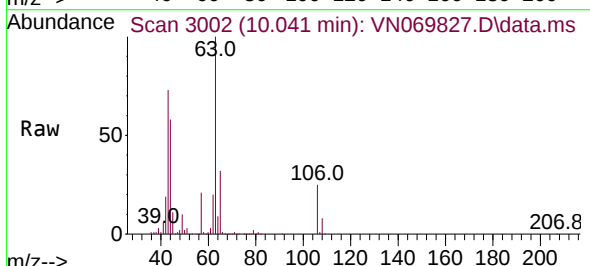
Acq: 7 Dec 2021 20:30

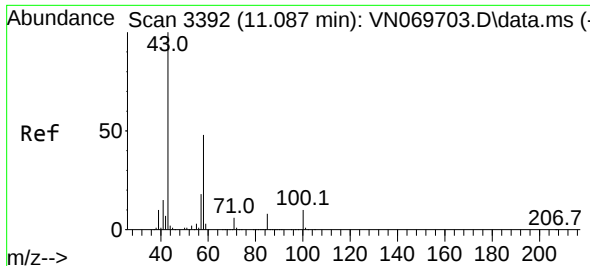
Tgt Ion: 63 Resp: 1233159

Ion Ratio Lower Upper

63 100

106 25.0 23.9 35.9





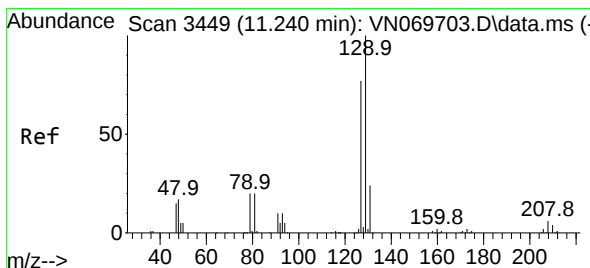
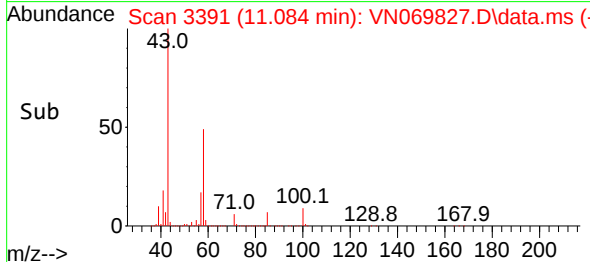
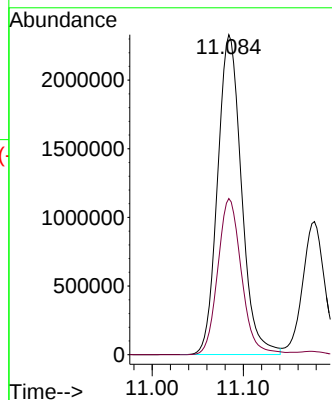
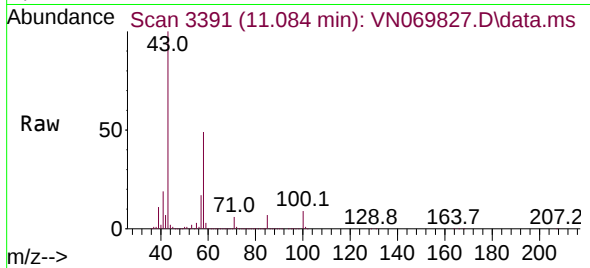
#59
2-Hexanone
Concen: 231.801 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 423815
Ion Ratio Lower Upper
43 100
58 48.6 26.9 80.7

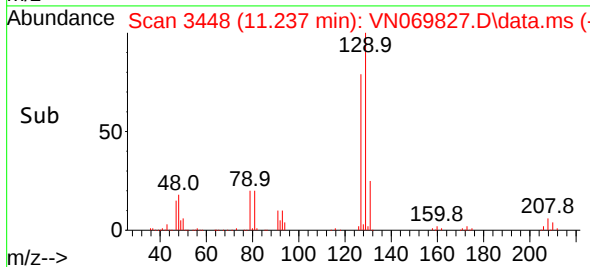
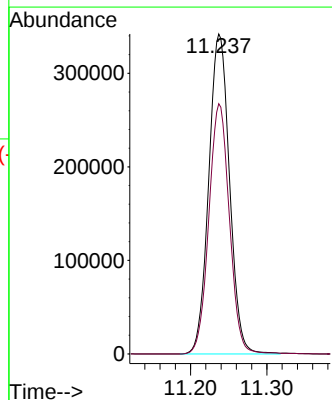
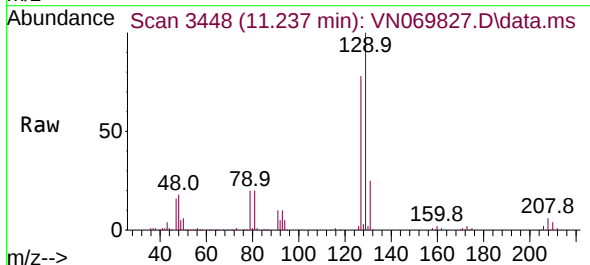
Manual Integrations
APPROVED

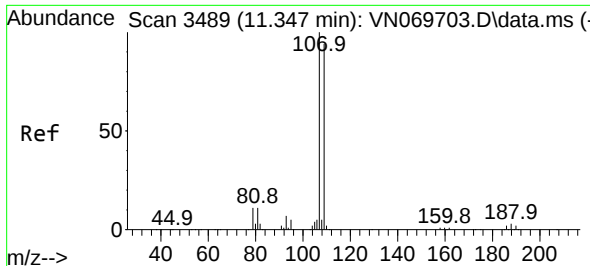
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#60
Dibromochloromethane
Concen: 47.512 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

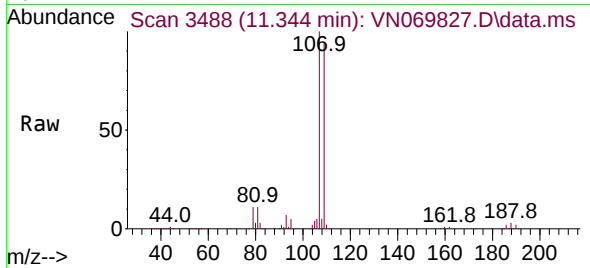
Tgt Ion:129 Resp: 646675
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.492 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

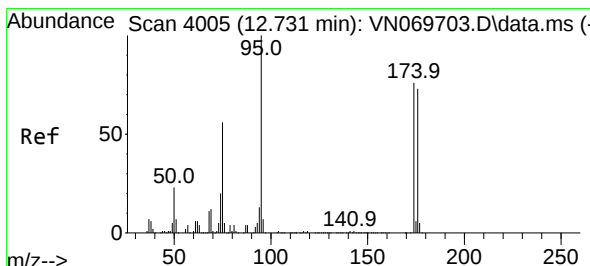
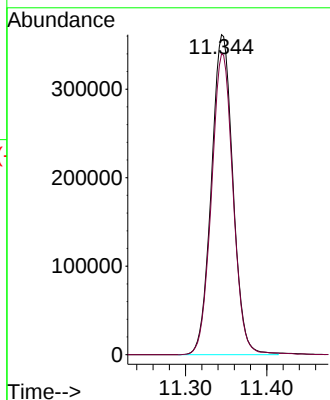
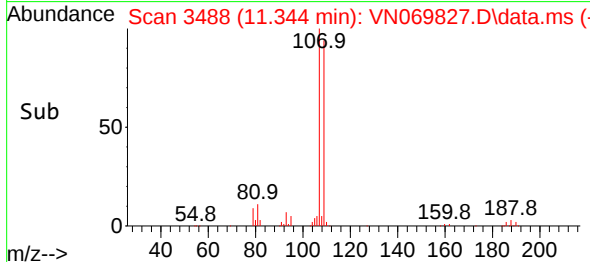
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 66608
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5

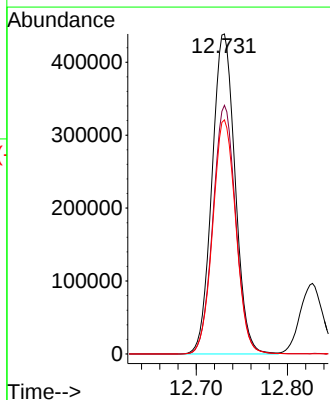
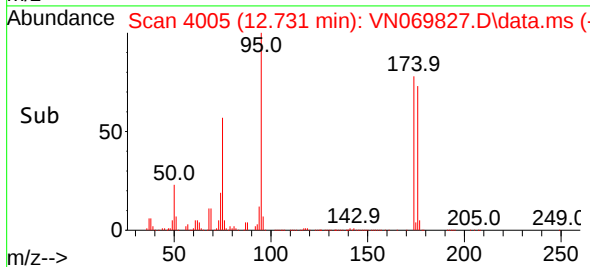
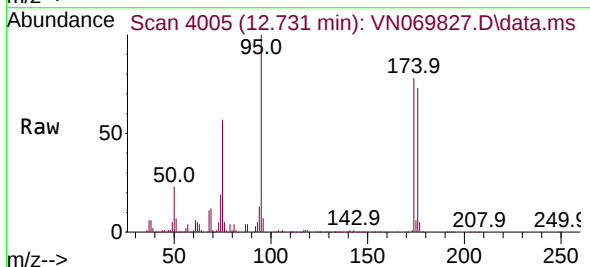
Manual Integrations
APPROVED

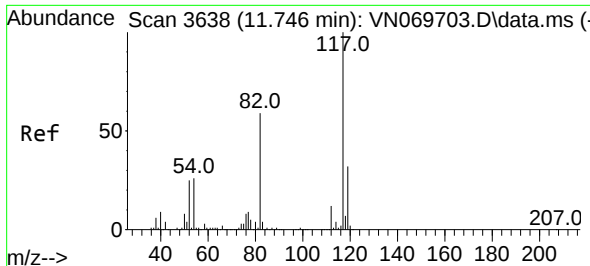
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#62
4-Bromofluorobenzene
Concen: 47.636 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

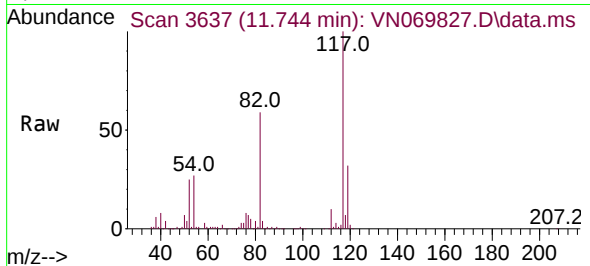
Tgt Ion: 95 Resp: 771254
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 73.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

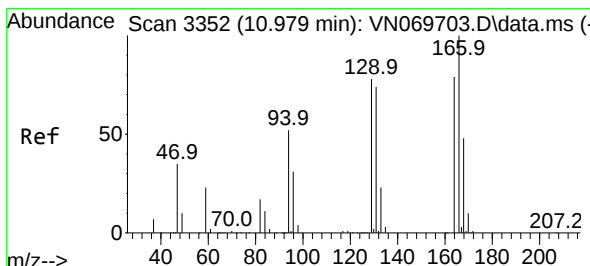
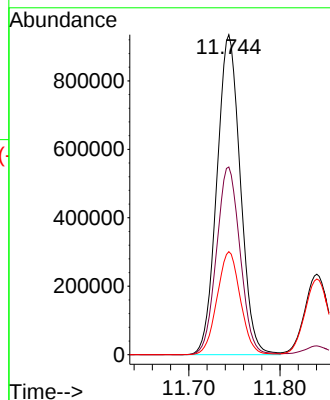
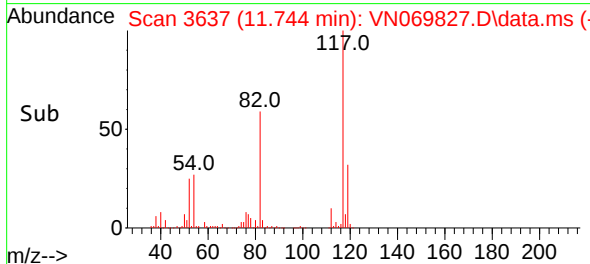
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 166949
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 32.2 25.4 38.2

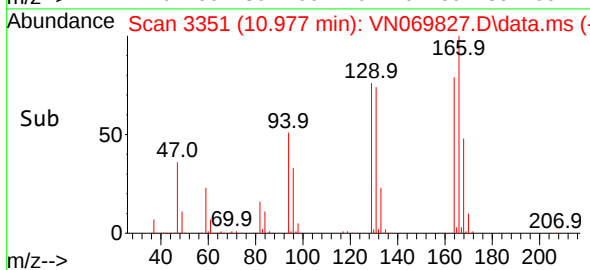
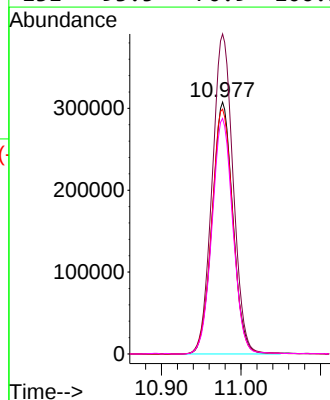
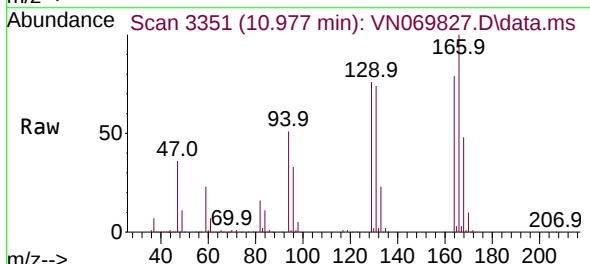
Manual Integrations
APPROVED

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



#64
Tetrachloroethene
Concen: 49.242 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

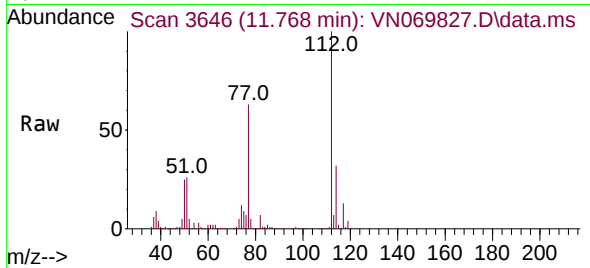
Tgt Ion:164 Resp: 557435
Ion Ratio Lower Upper
164 100
166 127.1 101.9 152.9
129 97.2 72.0 108.0
131 93.5 70.9 106.3





#65
Chlorobenzene
Concen: 50.600 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

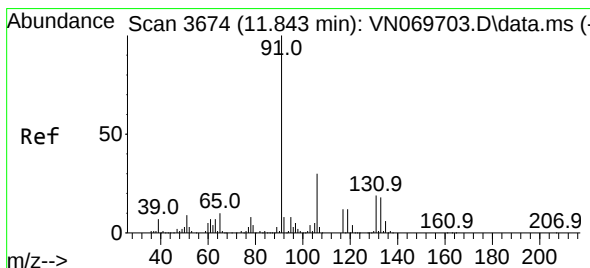
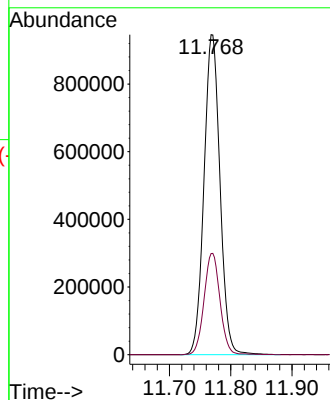
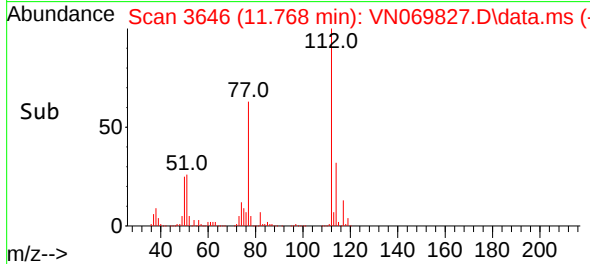
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



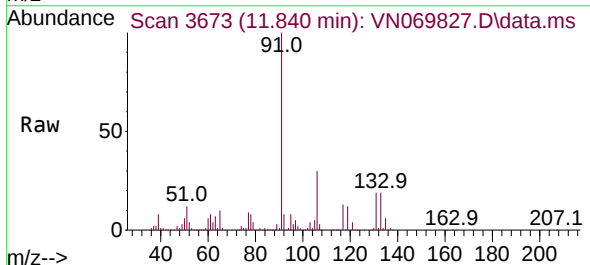
Tgt Ion:112 Resp: 1713779
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

Manual Integrations
APPROVED

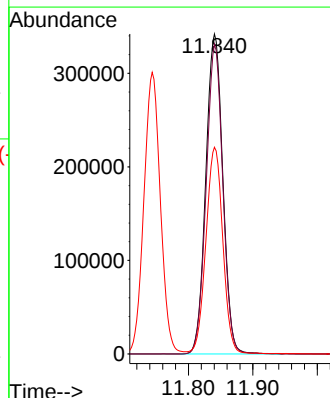
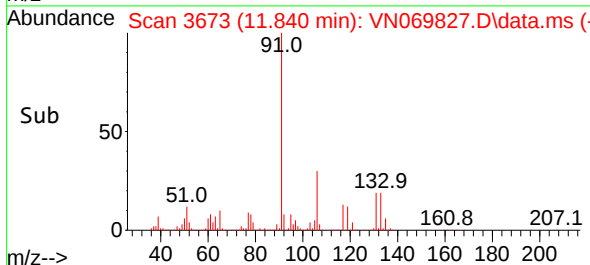
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

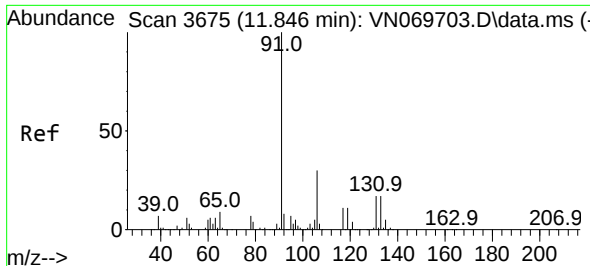


#66
1,1,1,2-Tetrachloroethane
Concen: 52.618 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30



Tgt Ion:131 Resp: 627248
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.7
119 63.7 32.1 96.5





#67

Ethyl Benzene

Concen: 51.846 ug/l

RT: 11.843 min Scan# 30

Delta R.T. -0.003 min

Lab File: VN069827.D

Acq: 7 Dec 2021 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 318966

Ion Ratio Lower Upper

91 100

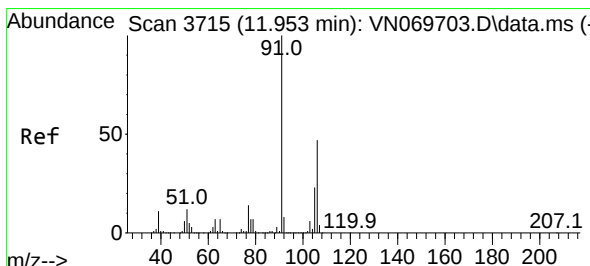
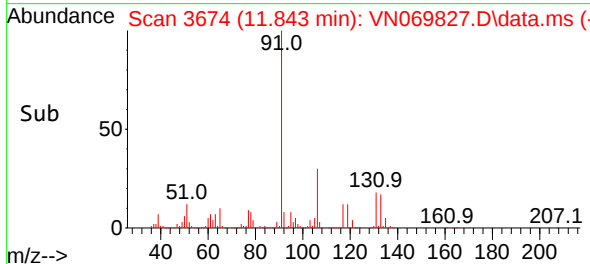
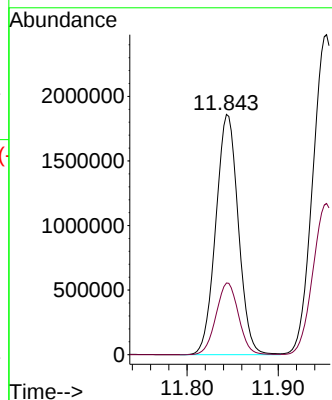
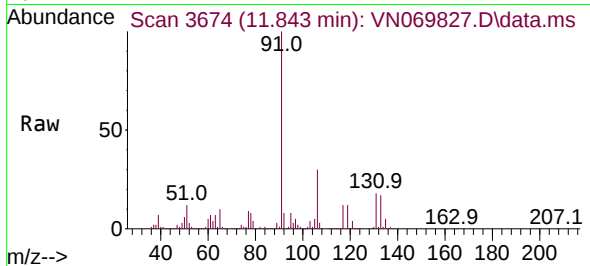
106 29.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#68

m/p-Xylenes

Concen: 103.890 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN069827.D

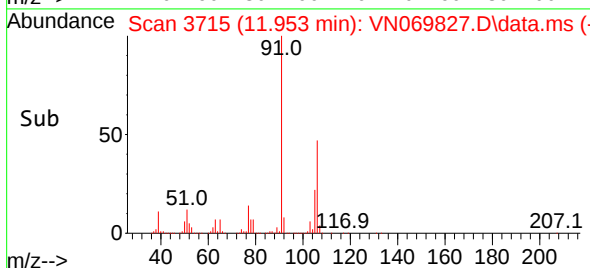
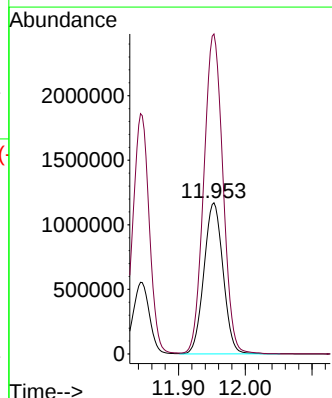
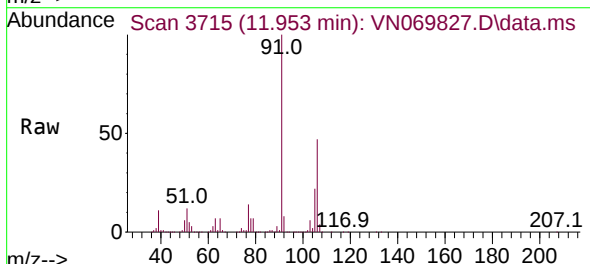
Acq: 7 Dec 2021 20:30

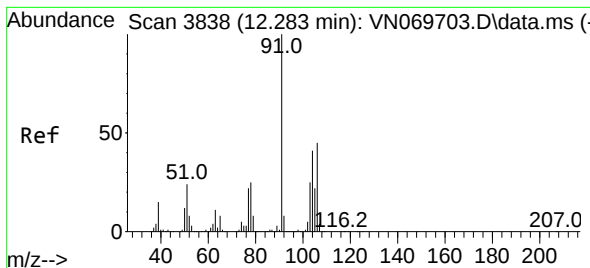
Tgt Ion:106 Resp: 2327221

Ion Ratio Lower Upper

106 100

91 212.3 160.6 240.8





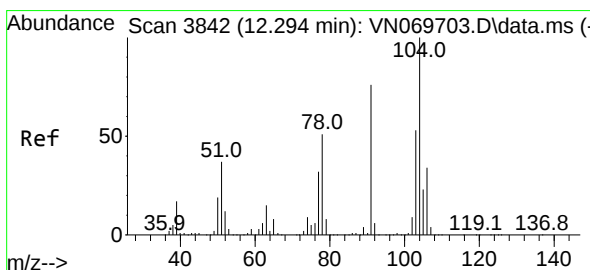
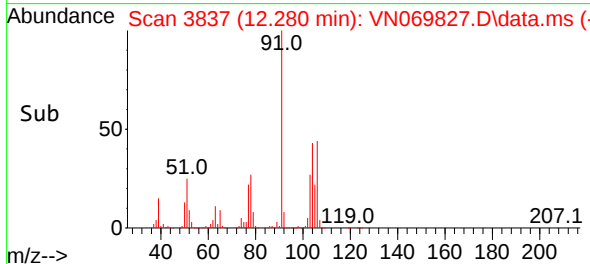
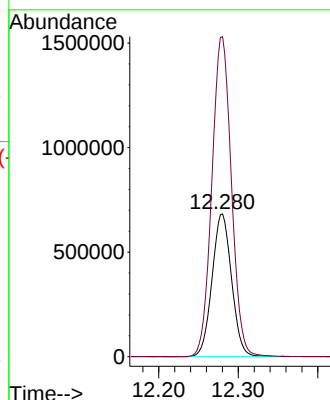
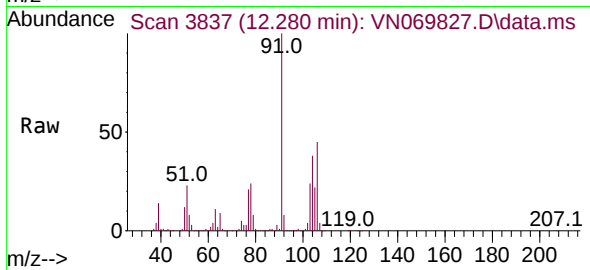
#69
o-Xylene
Concen: 51.610 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 1164520
Ion Ratio Lower Upper
106 100
91 224.5 105.8 317.3

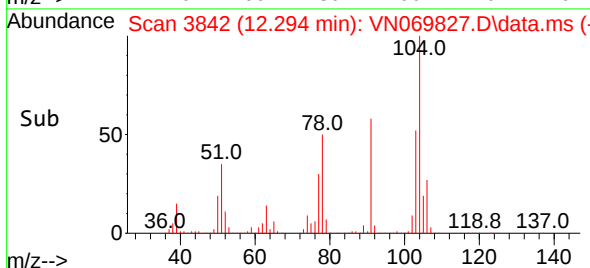
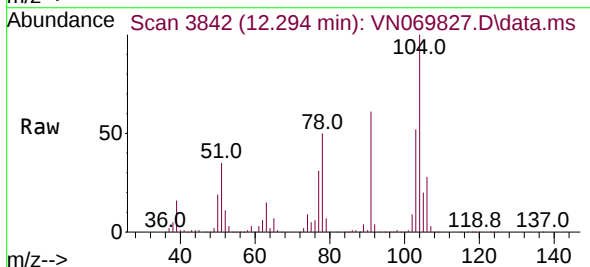
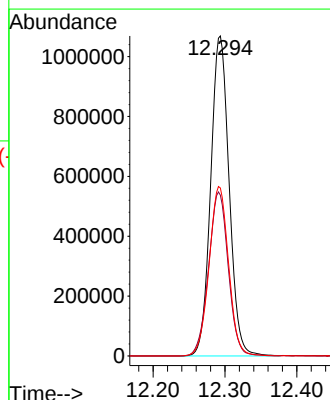
Manual Integrations
APPROVED

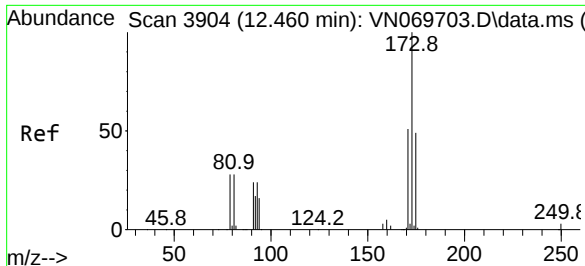
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#70
Styrene
Concen: 53.232 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

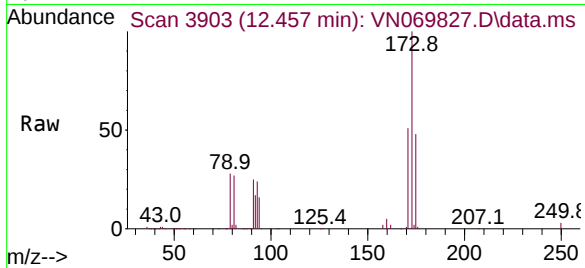
Tgt Ion:104 Resp: 1904607
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 46.757 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

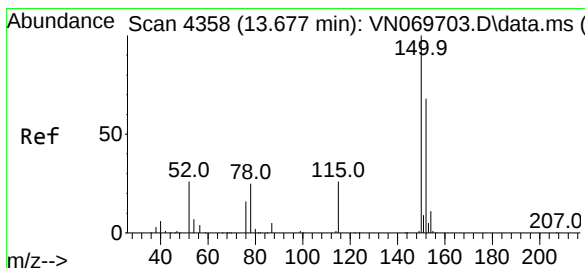
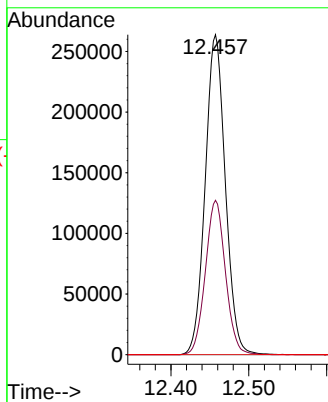
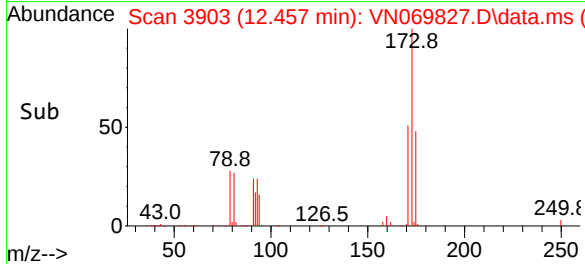
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



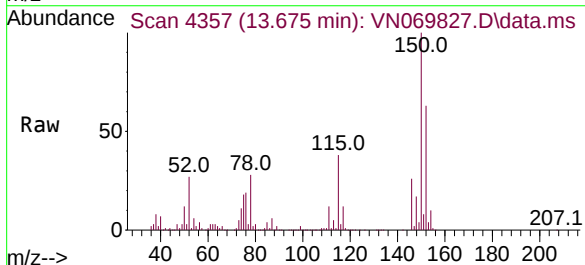
Tgt Ion:173 Resp: 474815
Ion Ratio Lower Upper
173 100
175 48.0 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

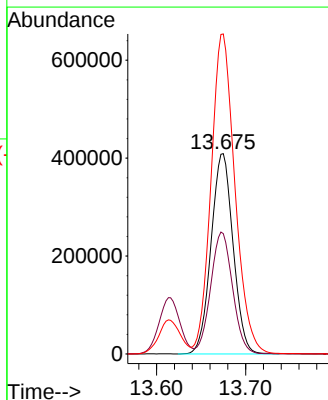
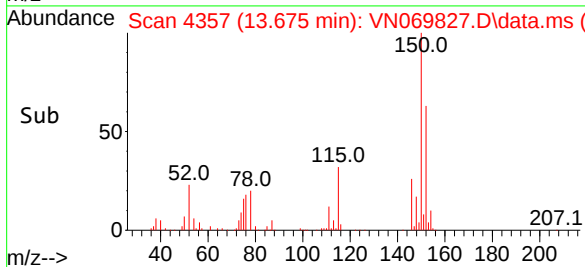
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

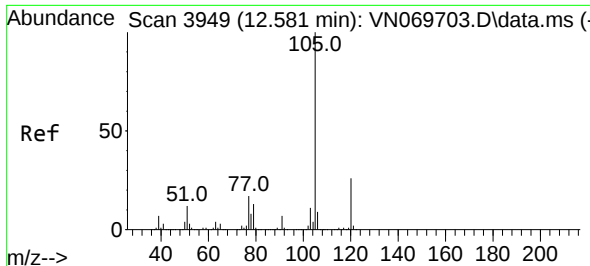


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30



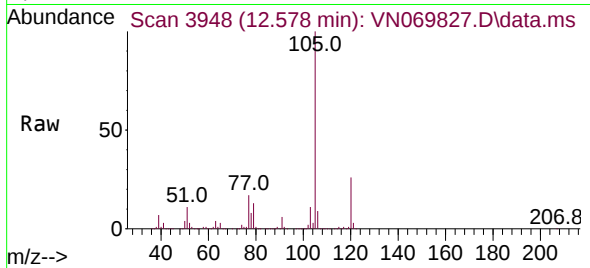
Tgt Ion:152 Resp: 704208
Ion Ratio Lower Upper
152 100
115 60.1 27.5 82.5
150 172.7 0.0 344.4





#73
Isopropylbenzene
Concen: 49.271 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

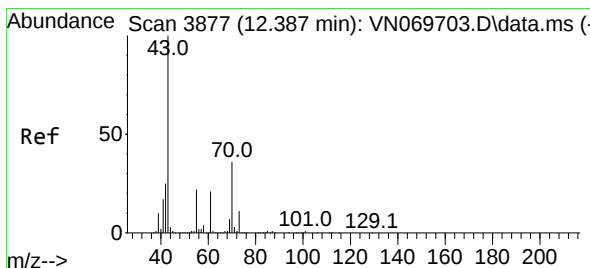
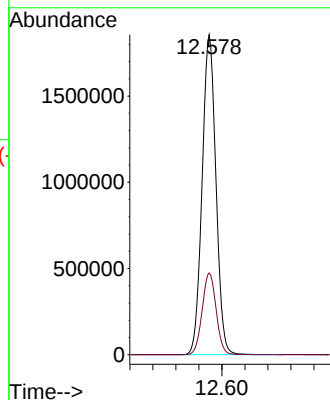
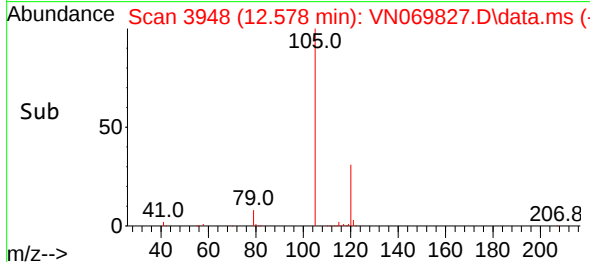
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 3087044
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

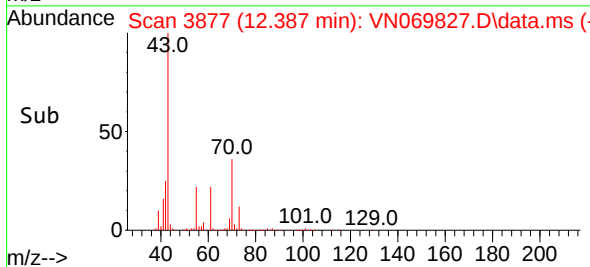
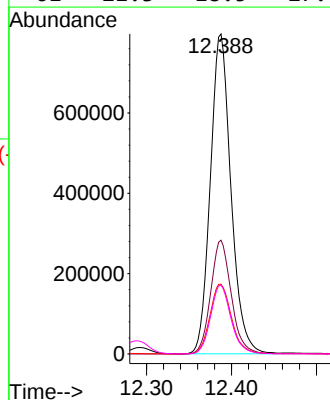
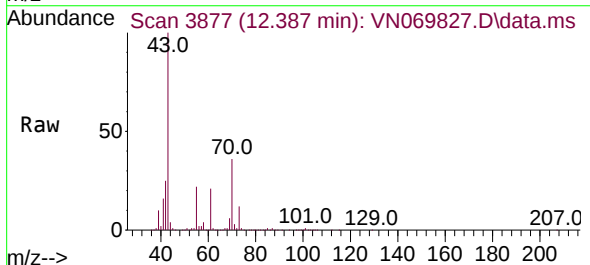
Manual Integrations
APPROVED

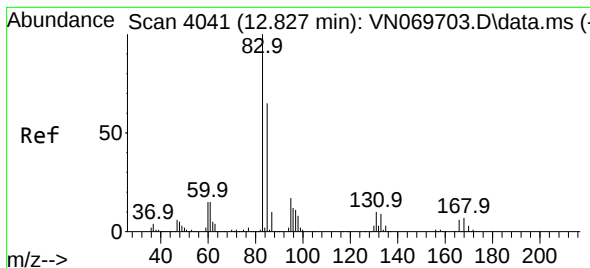
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#74
N-ethyl acetate
Concen: 48.515 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Tgt Ion: 43 Resp: 1344269
Ion Ratio Lower Upper
43 100
70 35.5 33.4 50.0
55 22.9 19.3 28.9
61 21.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.667 ug/l

RT: 12.825 min Scan# 4041

Delta R.T. -0.003 min

Lab File: VN069827.D

Acq: 7 Dec 2021 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 1011090

Ion Ratio Lower Upper

83 100

131 10.1 5.5 16.5

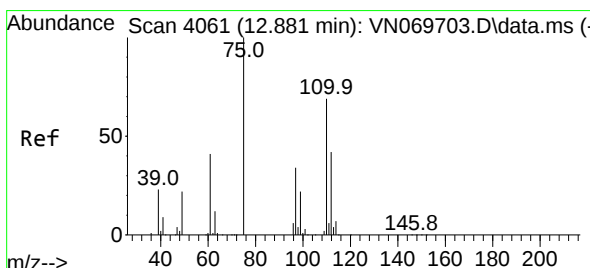
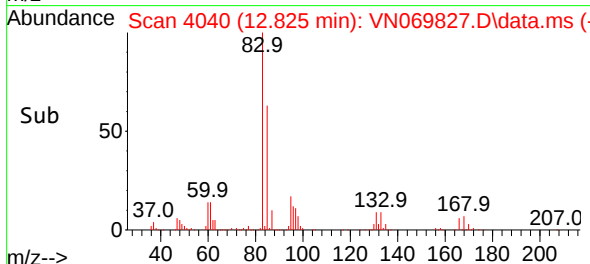
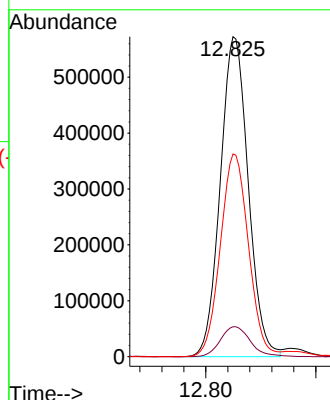
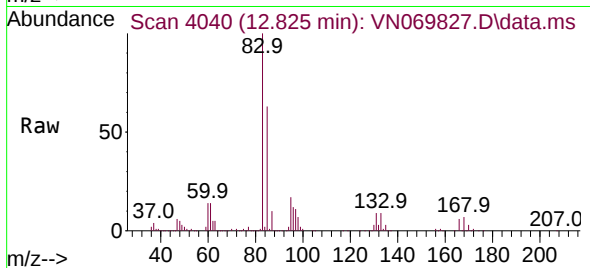
85 63.8 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#76

1,2,3-Trichloropropane

Concen: 45.753 ug/l m

RT: 12.878 min Scan# 4060

Delta R.T. -0.003 min

Lab File: VN069827.D

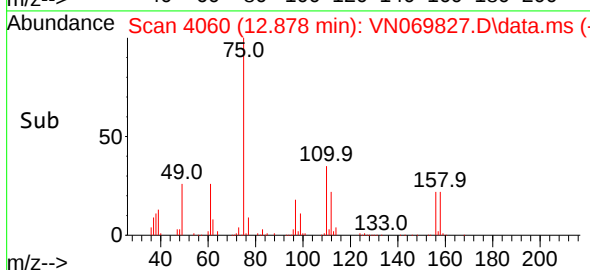
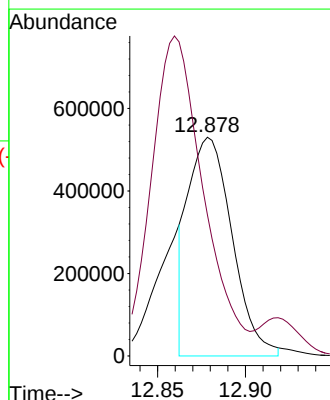
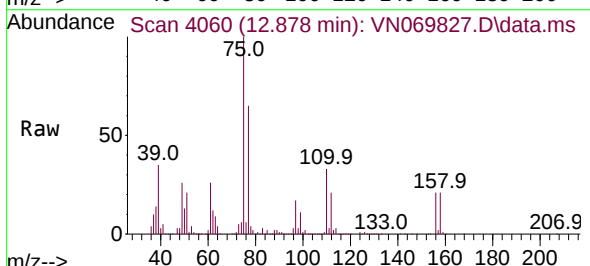
Acq: 7 Dec 2021 20:30

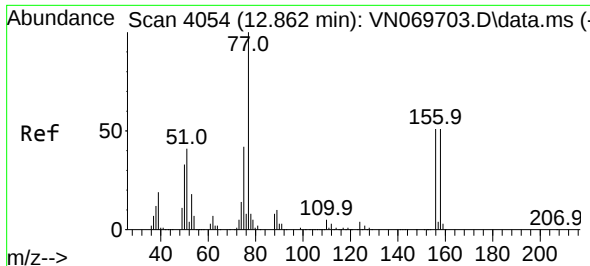
Tgt Ion: 75 Resp: 923984

Ion Ratio Lower Upper

75 100

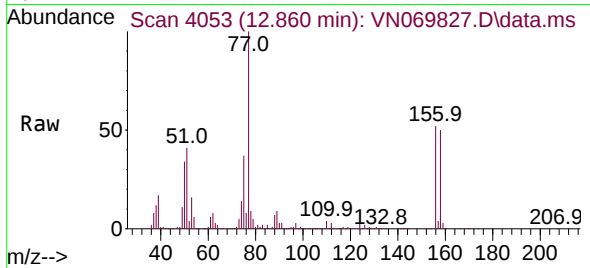
77 173.1 82.6 247.8





#77
Bromobenzene
Concen: 47.898 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

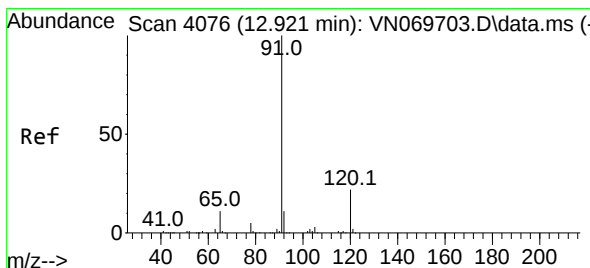
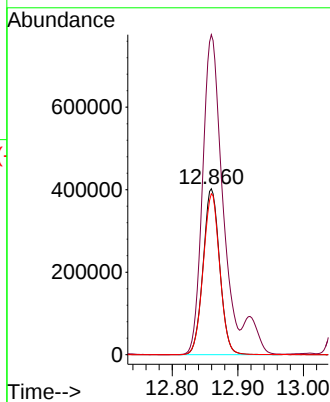
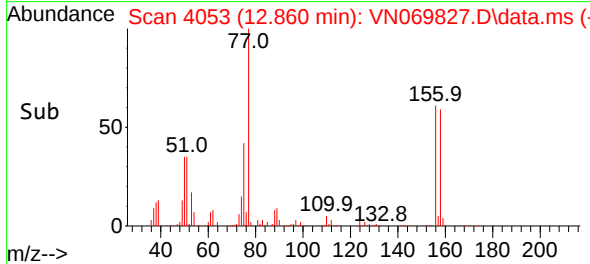
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 704900
Ion Ratio Lower Upper
156 100
77 227.0 90.6 271.8
158 97.2 48.9 146.7

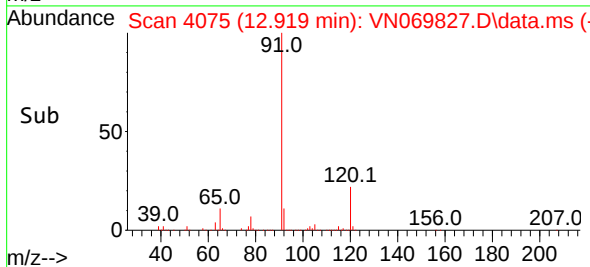
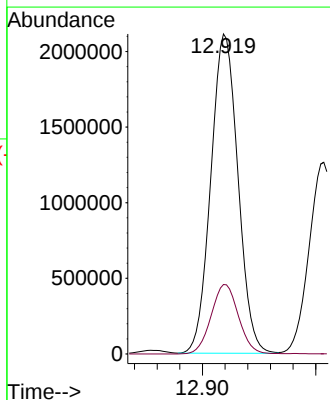
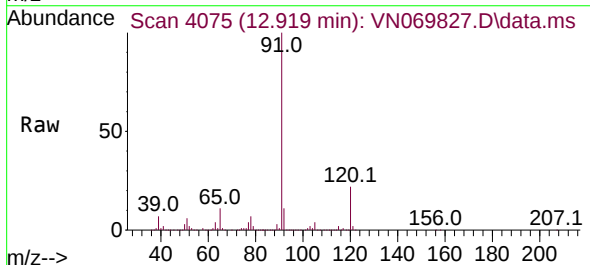
Manual Integrations
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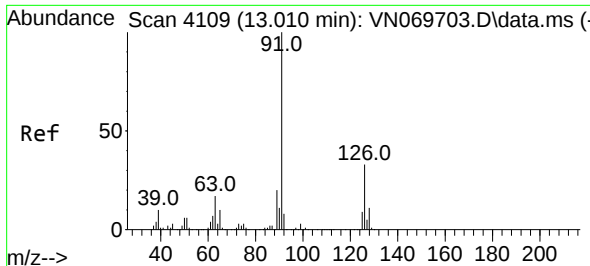
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#78
n-propylbenzene
Concen: 50.330 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Tgt Ion: 91 Resp: 3509075
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





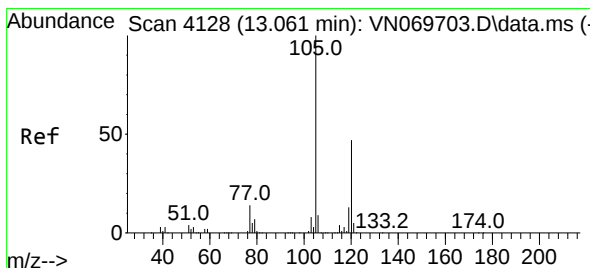
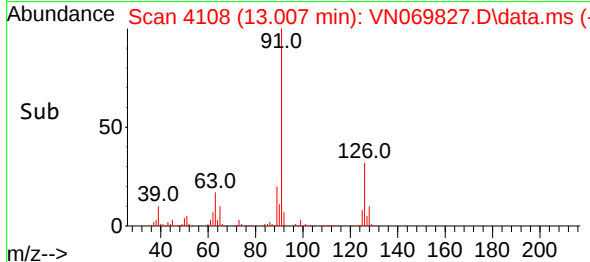
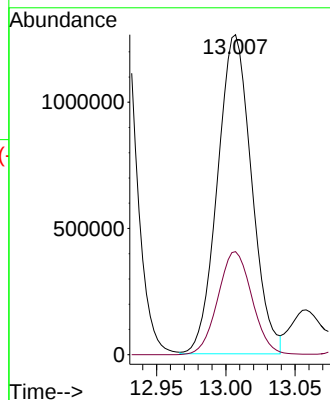
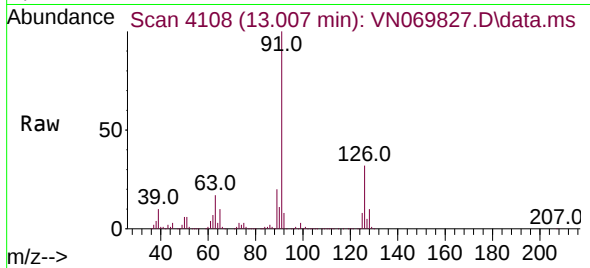
#79
2-Chlorotoluene
Concen: 49.155 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 2165514
Ion Ratio Lower Upper
91 100
126 32.4 18.3 54.8

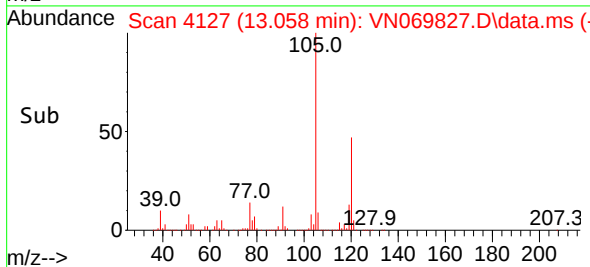
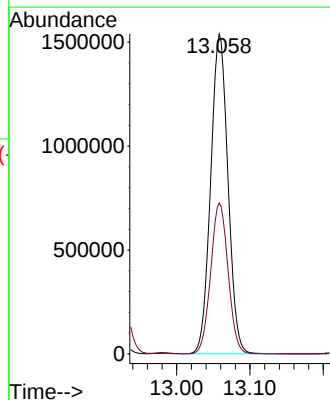
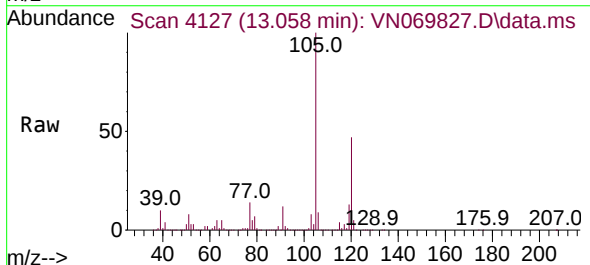
Manual Integrations
APPROVED

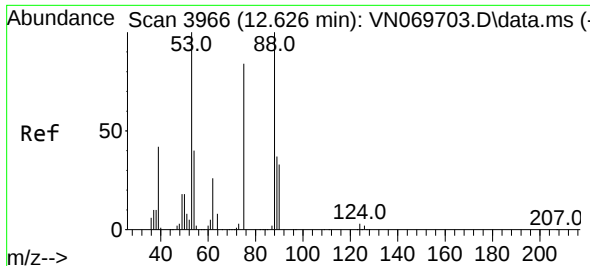
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#80
1,3,5-Trimethylbenzene
Concen: 49.884 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

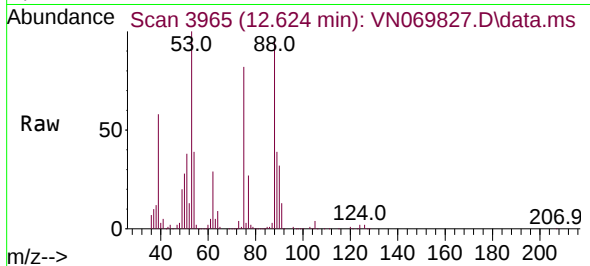
Tgt Ion:105 Resp: 2515649
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.220 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

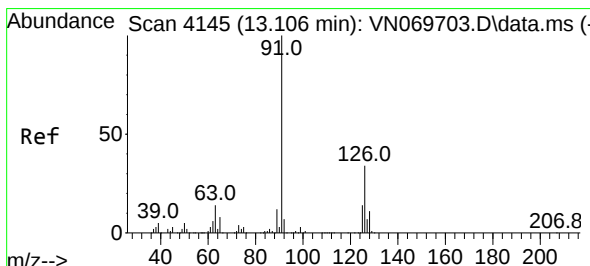
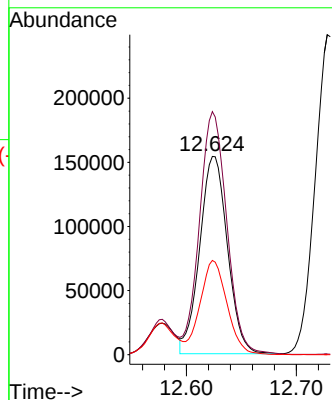
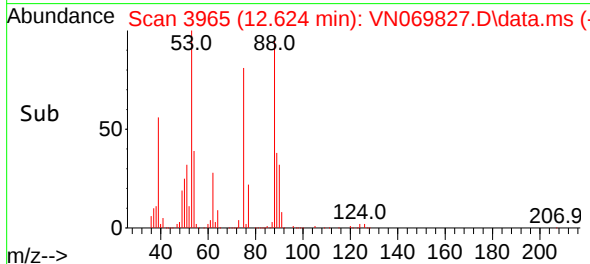
Instrument :
MSVOA_N
ClientSampleId :
VSTDC0050EC



Tgt Ion: 75 Resp: 26970
Ion Ratio Lower Upper
75 100
53 121.7 90.5 135.7
89 46.5 38.2 57.4

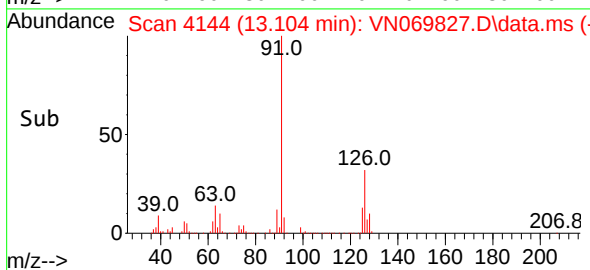
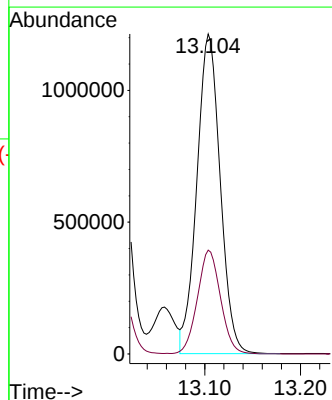
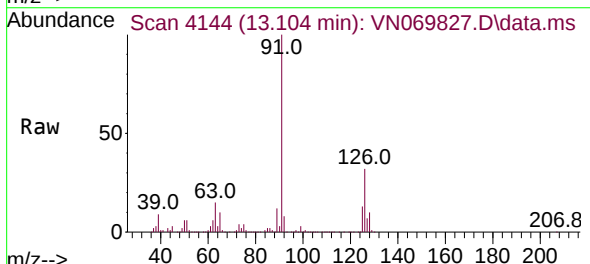
Manual Integrations
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Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#82
4-Chlorotoluene
Concen: 49.518 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

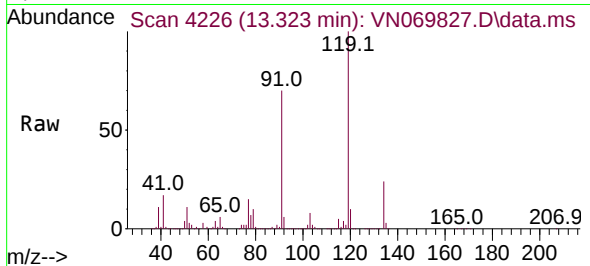
Tgt Ion: 91 Resp: 2051555
Ion Ratio Lower Upper
91 100
126 32.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 49.187 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

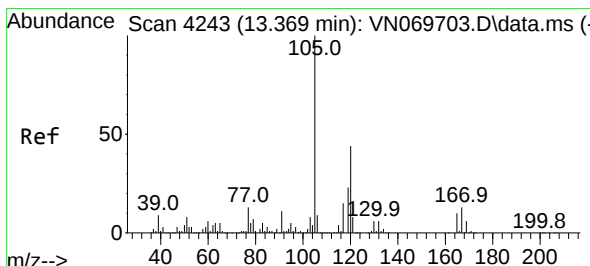
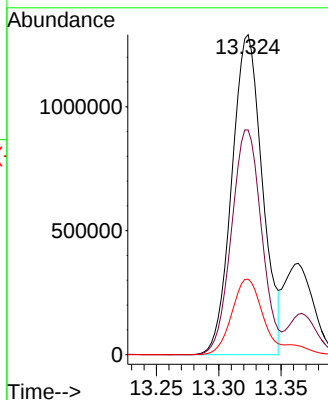
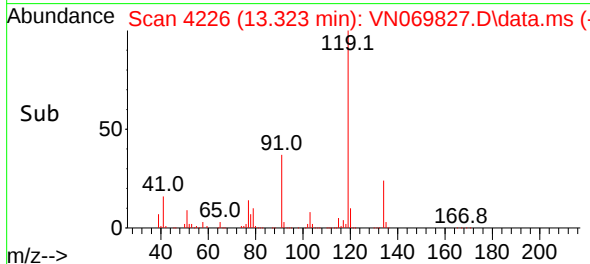
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



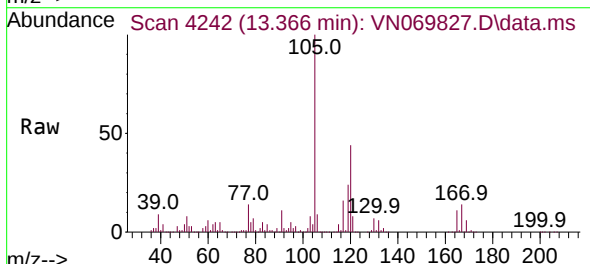
Tgt Ion:119 Resp: 2196392
Ion Ratio Lower Upper
119 100
91 69.9 31.5 94.5
134 24.0 12.4 37.4

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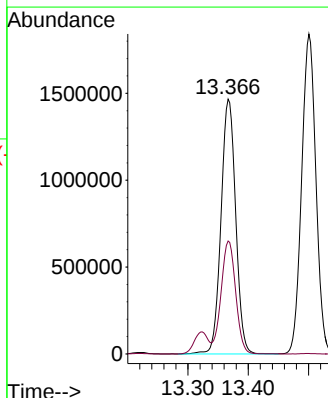
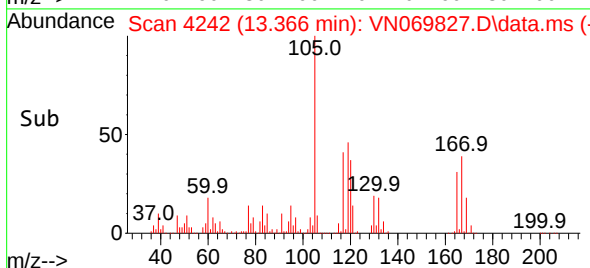
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

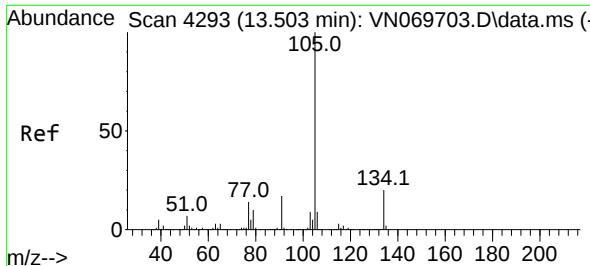


#84
1,2,4-Trimethylbenzene
Concen: 51.564 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30



Tgt Ion:105 Resp: 2476472
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





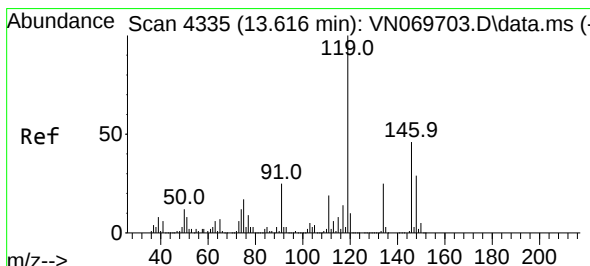
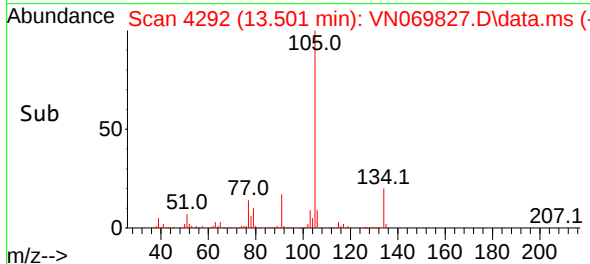
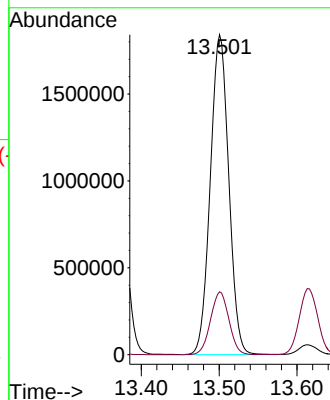
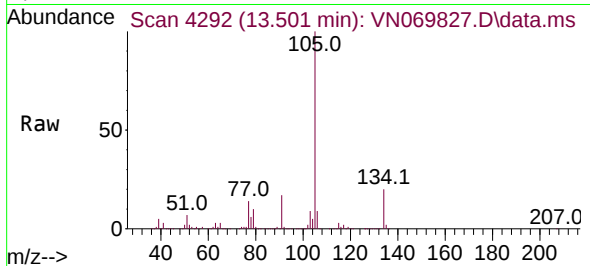
#85
 sec-Butylbenzene
 Concen: 49.940 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069827.D
 Acq: 7 Dec 2021 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 3024814
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

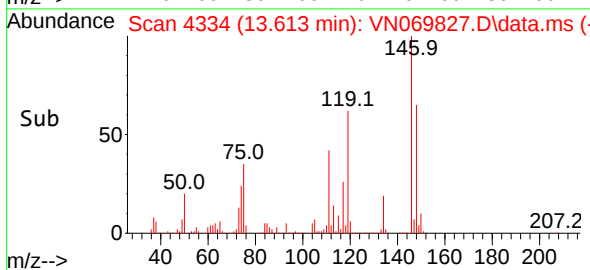
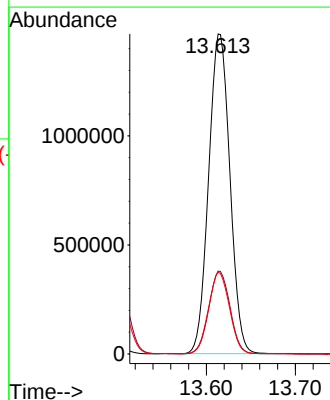
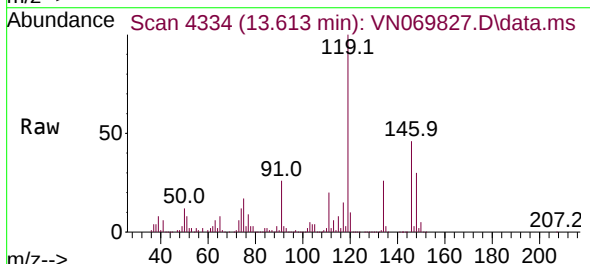
Manual Integrations
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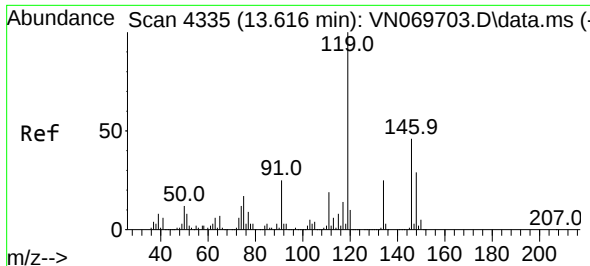
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#86
 p-Isopropyltoluene
 Concen: 51.261 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN069827.D
 Acq: 7 Dec 2021 20:30

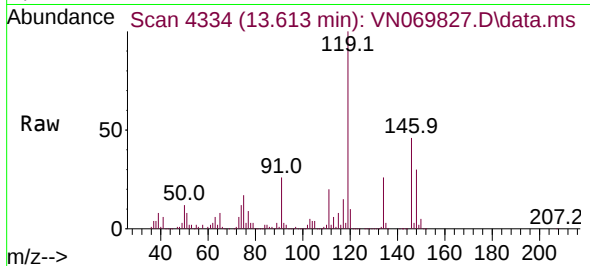
Tgt Ion:119 Resp: 2426908
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.2 11.4 34.1





#87
 1,3-Dichlorobenzene
 Concen: 48.786 ug/l
 RT: 13.613 min Scan# 4335
 Delta R.T. -0.003 min
 Lab File: VN069827.D
 Acq: 7 Dec 2021 20:30

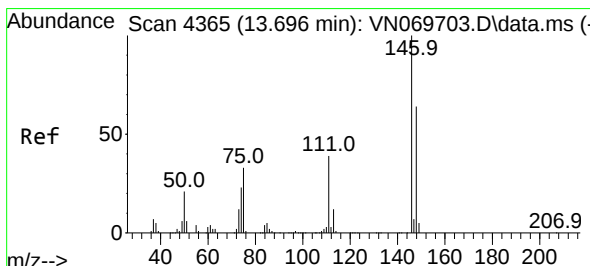
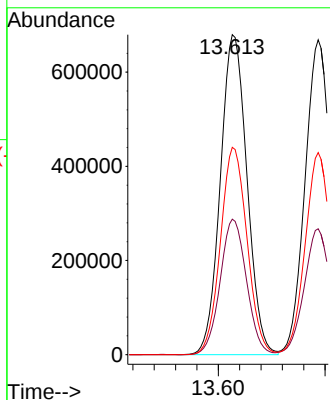
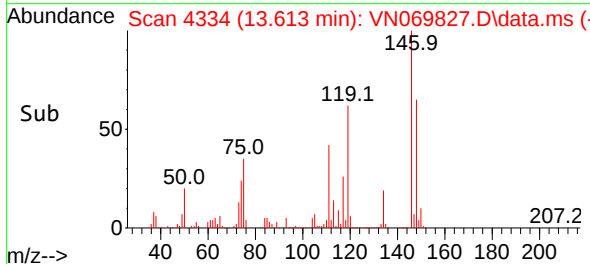
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



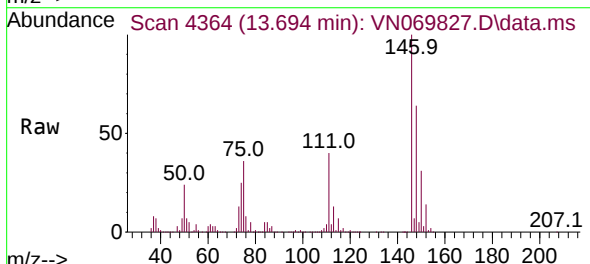
Tgt Ion:146 Resp: 117951
 Ion Ratio Lower Upper
 146 100
 111 41.9 18.6 55.6
 148 64.7 31.6 95.0

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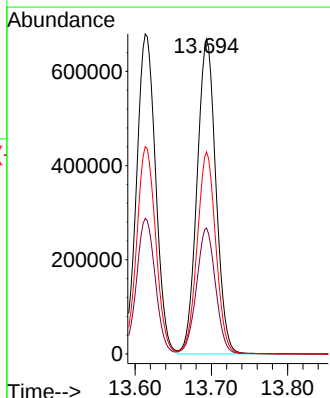
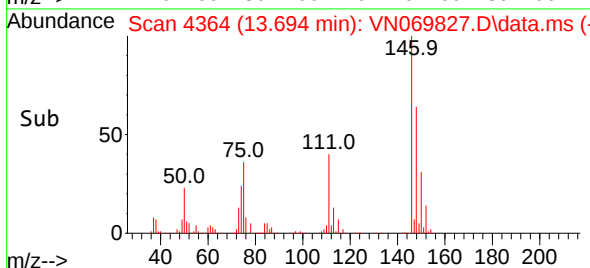
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021

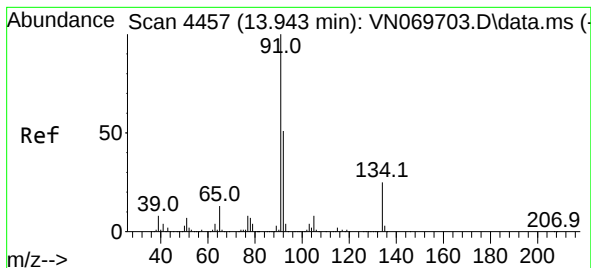


#88
 1,4-Dichlorobenzene
 Concen: 48.259 ug/l
 RT: 13.694 min Scan# 4364
 Delta R.T. -0.003 min
 Lab File: VN069827.D
 Acq: 7 Dec 2021 20:30



Tgt Ion:146 Resp: 1146605
 Ion Ratio Lower Upper
 146 100
 111 40.3 18.3 54.8
 148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 51.057 ug/l

RT: 13.940 min Scan# 4457

Delta R.T. -0.003 min

Lab File: VN069827.D

Acq: 7 Dec 2021 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 196084

Ion Ratio Lower Upper

91 100

92 51.0 25.4 76.0

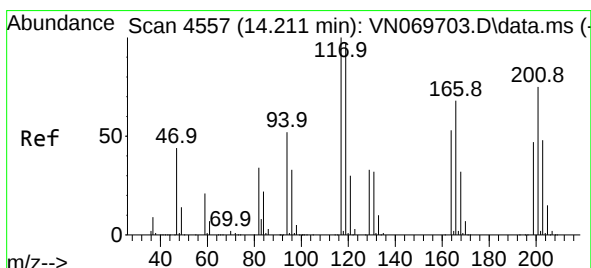
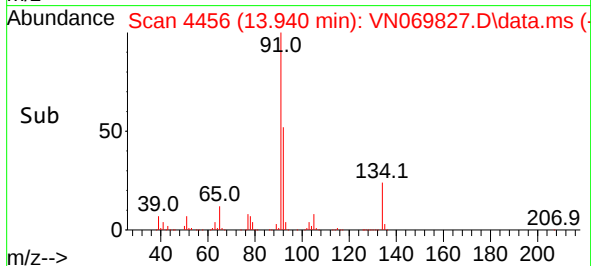
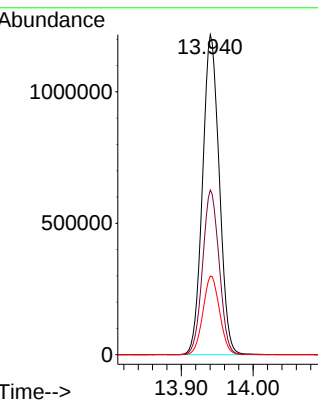
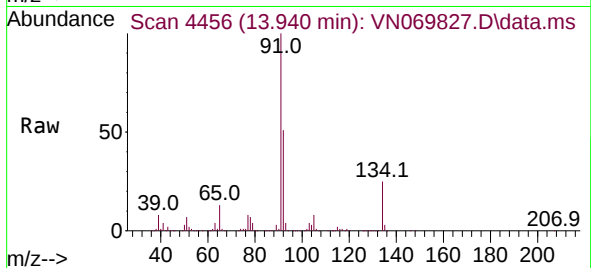
134 24.5 13.6 40.8

Manual Integrations

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Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#90

Hexachloroethane

Concen: 51.982 ug/l

RT: 14.209 min Scan# 4556

Delta R.T. -0.003 min

Lab File: VN069827.D

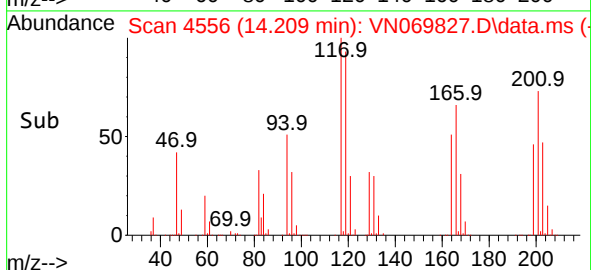
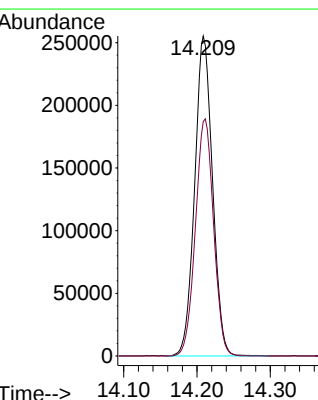
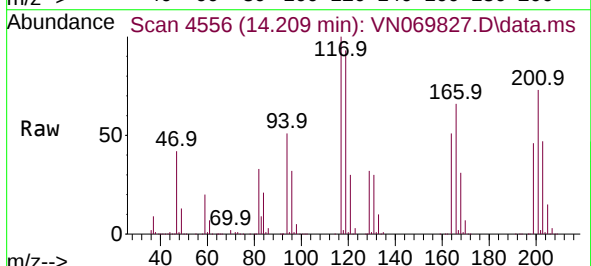
Acq: 7 Dec 2021 20:30

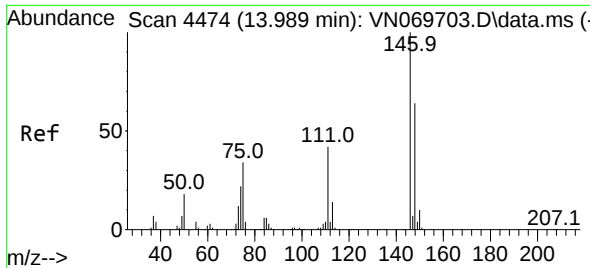
Tgt Ion:117 Resp: 432083

Ion Ratio Lower Upper

117 100

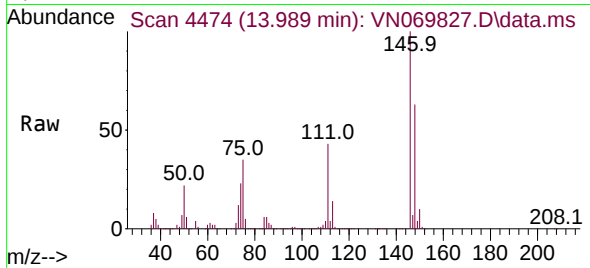
201 75.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 48.486 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

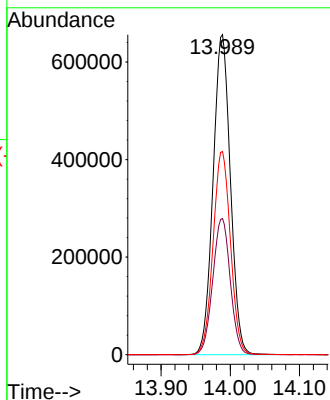
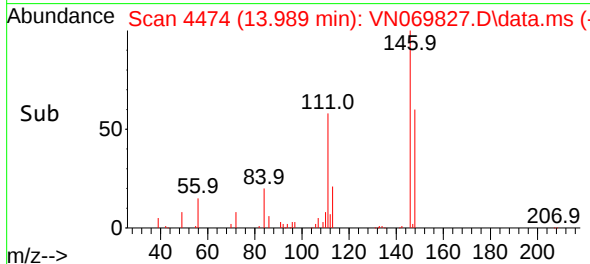
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



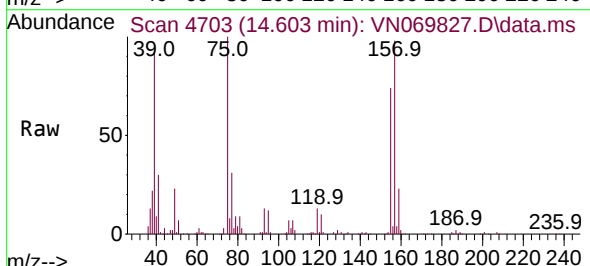
Tgt Ion:146 Resp: 1142189
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.9 32.1 96.3

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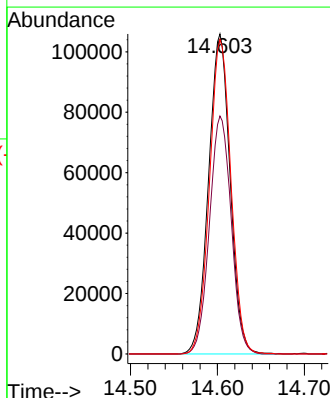
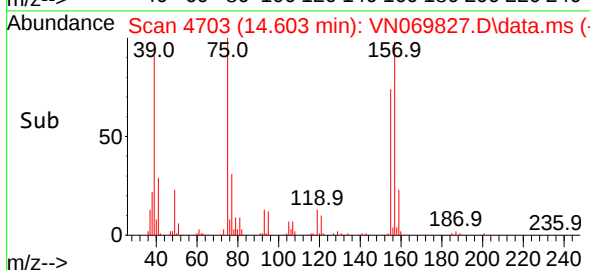
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

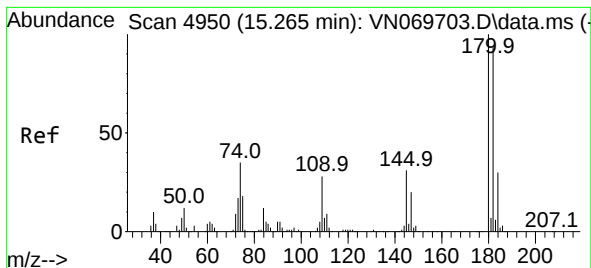


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.610 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30



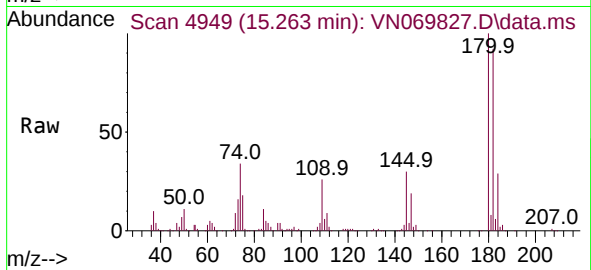
Tgt Ion: 75 Resp: 182483
Ion Ratio Lower Upper
75 100
155 74.9 46.9 140.7
157 97.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 46.913 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

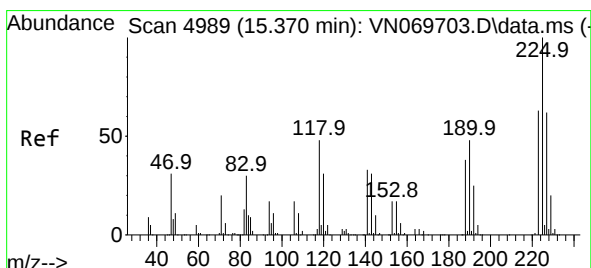
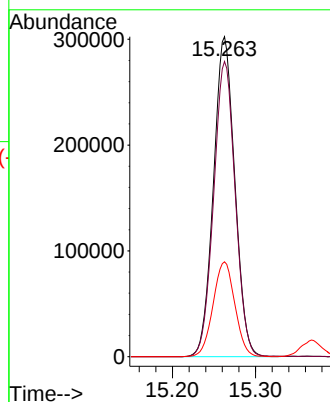
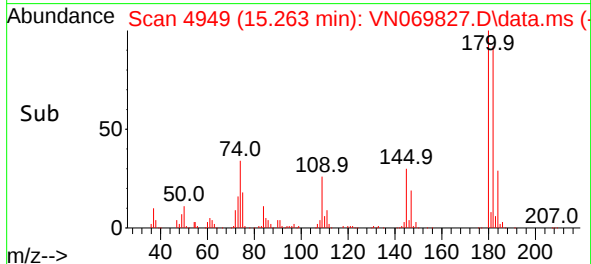
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



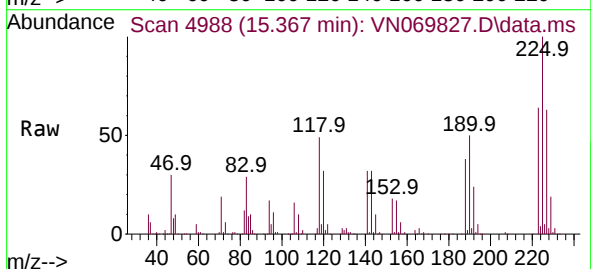
Tgt Ion:180 Resp: 539844
Ion Ratio Lower Upper
180 100
182 93.2 48.3 144.9
145 30.3 14.5 43.5

Manual Integrations
APPROVED

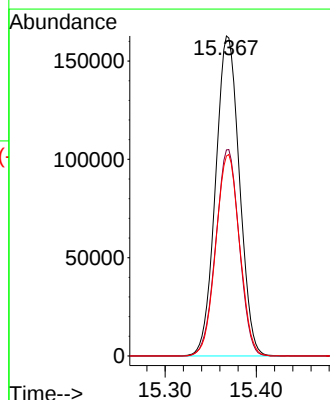
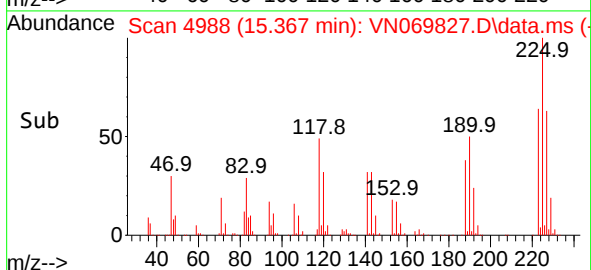
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

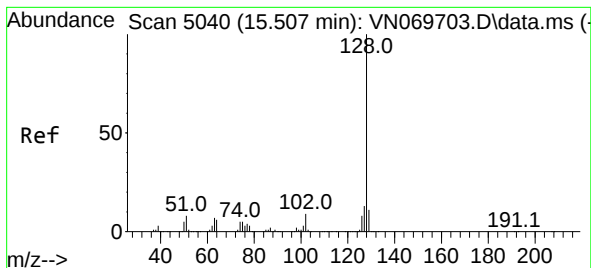


#94
Hexachlorobutadiene
Concen: 47.364 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30



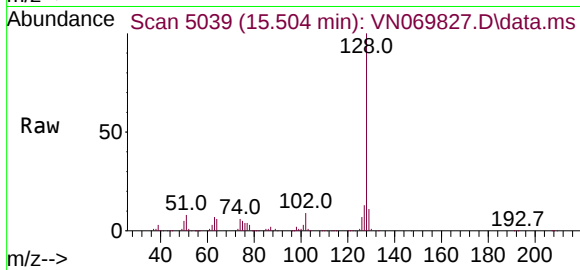
Tgt Ion:225 Resp: 295699
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.7
227 62.7 32.1 96.3





#95
Naphthalene
Concen: 44.933 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

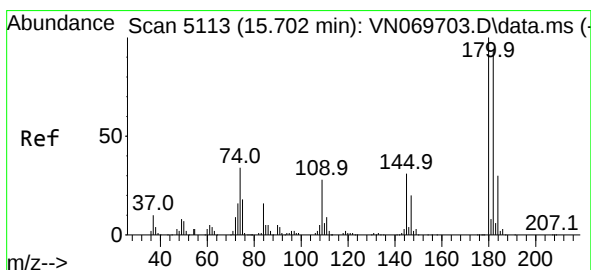
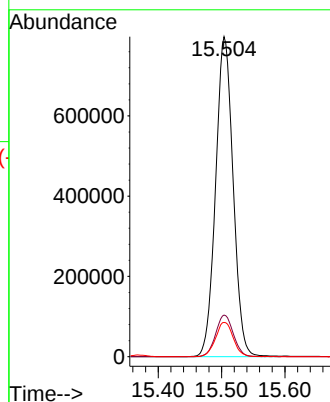
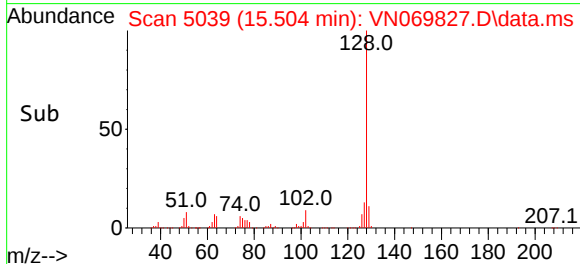
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1531264
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 46.571 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069827.D
Acq: 7 Dec 2021 20:30

Tgt Ion:180 Resp: 522419
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.2
145 33.0 15.0 45.1

