

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069569.D
 Acq On : 18 Nov 2021 22:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 19 03:21:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Semsettin Yesilyurt 11/19/2021

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	1028010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1721955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1643257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	704347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	774354	51.951	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.900%			
35) Dibromofluoromethane	8.024	113	558038	54.034	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.060%			
50) Toluene-d8	10.443	98	2113206	52.026	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.060%			
62) 4-Bromofluorobenzene	12.731	95	812272	54.436	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	493068	44.895	ug/l	99
3) Chloromethane	2.303	50	547694	43.000	ug/l	99
4) Vinyl Chloride	2.445	62	550486	43.164	ug/l	98
5) Bromomethane	2.826	94	427215	51.579	ug/l	99
6) Chloroethane	3.000	64	359494	41.762	ug/l	98
7) Trichlorofluoromethane	3.365	101	812071	41.200	ug/l	98
8) Diethyl Ether	3.818	74	315126	49.415	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.199	101	437012	47.068	ug/l	95
10) Methyl Iodide	4.414	142	565689	49.674	ug/l	97
11) Tert butyl alcohol	5.393	59	752515	280.170	ug/l	98
12) 1,1-Dichloroethene	4.170	96	388471	46.624	ug/l	92
13) Acrolein	4.041	56	142985	379.351	ug/l	99
14) Allyl chloride	4.835	41	888750	48.246	ug/l	94
15) Acrylonitrile	5.559	53	1943826	282.607	ug/l	100
16) Acetone	4.291	43	1804084	224.327	ug/l	98
17) Carbon Disulfide	4.521	76	742953	37.723	ug/l	99
18) Methyl Acetate	4.856	43	1378789	52.741	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1830031	51.899	ug/l	97
20) Methylene Chloride	5.092	84	530957	46.559	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	434770	46.718	ug/l	88
22) Diisopropyl ether	6.500	45	2055575	51.802	ug/l	94
23) Vinyl Acetate	6.436	43	8099131	263.892	ug/l	95
24) 1,1-Dichloroethane	6.388	63	990546	49.009	ug/l	99
25) 2-Butanone	7.340	43	2944185	270.362	ug/l	94
26) 2,2-Dichloropropane	7.327	77	653432	41.321	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	573823	49.740	ug/l	89
28) Bromochloromethane	7.659	49	577867	55.830	ug/l #	82
29) Tetrahydrofuran	7.689	42	1907317	285.406	ug/l	90
30) Chloroform	7.820	83	1056912	51.008	ug/l	98
31) Cyclohexane	8.096	56	854948	41.984	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	869031	50.246	ug/l	96
36) 1,1-Dichloropropene	8.222	75	690480	47.655	ug/l	97
37) Ethyl Acetate	7.418	43	1130805	57.735	ug/l	96
38) Carbon Tetrachloride	8.206	117	699052	49.973	ug/l	100
39) Methylcyclohexane	9.461	83	806216	44.730	ug/l	91
40) Benzene	8.461	78	2206509	49.337	ug/l	98

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	554106	54.751	ug/l	91
42) 1,2-Dichloroethane	8.531	62	905760	51.723	ug/l	97
43) Isopropyl Acetate	8.563	43	1721039	54.706	ug/l	94
44) Trichloroethene	9.217	130	528027	49.332	ug/l	90
45) 1,2-Dichloropropane	9.491	63	618910	51.797	ug/l	98
46) Dibromomethane	9.579	93	407416	50.906	ug/l	93
47) Bromodichloromethane	9.762	83	790623	52.939	ug/l	99
48) Methyl methacrylate	9.561	41	810500	54.759	ug/l	90
49) 1,4-Dioxane	9.571	88	312844	1063.948	ug/l #	86
51) 4-Methyl-2-Pentanone	10.333	43	6037353	297.313	ug/l	96
52) Toluene	10.507	92	1407426	50.515	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	813381	44.596	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	877647	45.517	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	600397	53.458	ug/l	97
56) Ethyl methacrylate	10.762	69	1034858	48.939	ug/l	86
57) 1,3-Dichloropropane	11.046	76	1042920	52.844	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1198941	223.006	ug/l	93
59) 2-Hexanone	11.087	43	4467204	260.212	ug/l	94
60) Dibromochloromethane	11.240	129	583244	47.444	ug/l	99
61) 1,2-Dibromoethane	11.347	107	620405	49.501	ug/l	99
64) Tetrachloroethene	10.979	164	486282	49.010	ug/l	96
65) Chlorobenzene	11.771	112	1540746	50.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	569910	53.719	ug/l	99
67) Ethyl Benzene	11.846	91	2831469	50.193	ug/l	96
68) m/p-Xylenes	11.956	106	2065747	99.566	ug/l	93
69) o-Xylene	12.283	106	1055665	51.038	ug/l	94
70) Styrene	12.296	104	1755823	47.362	ug/l	97
71) Bromoform	12.460	173	426035	46.506	ug/l #	100
73) Isopropylbenzene	12.580	105	2798372	49.899	ug/l	99
74) N-amyl acetate	12.390	43	1326232	55.802	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1004510	53.108	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	852692m	52.458	ug/l	
77) Bromobenzene	12.862	156	657072	51.231	ug/l	79
78) n-propylbenzene	12.921	91	3162521	50.117	ug/l	96
79) 2-Chlorotoluene	13.007	91	1956618	50.078	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	2284765	50.395	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	245994	45.621	ug/l	92
82) 4-Chlorotoluene	13.106	91	1854014	49.777	ug/l	94
83) tert-Butylbenzene	13.323	119	2055631	51.741	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2234002	51.042	ug/l	98
85) sec-Butylbenzene	13.503	105	2831729	51.023	ug/l	98
86) p-Isopropyltoluene	13.618	119	2244346	50.942	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1113911	50.094	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1072164	49.149	ug/l	96
89) n-Butylbenzene	13.943	91	1799356	48.976	ug/l	98
90) Hexachloroethane	14.211	117	382045	47.299	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1098007	51.893	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	187137	53.100	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	512548	46.465	ug/l	98
94) Hexachlorobutadiene	15.370	225	283261	51.522	ug/l	99
95) Naphthalene	15.507	128	1612676	51.437	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	528499	49.860	ug/l	98

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VSTDCCC050

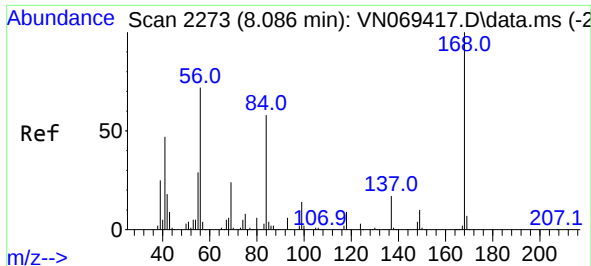
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
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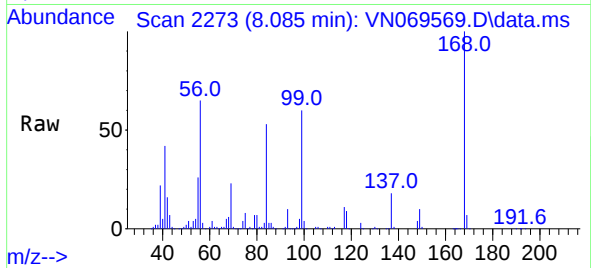
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

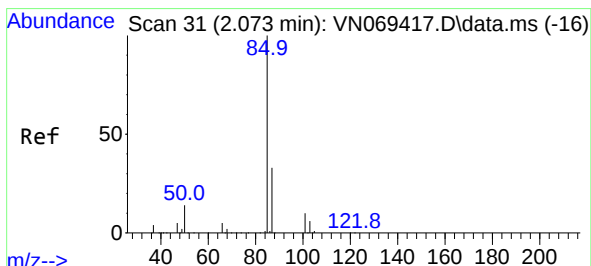
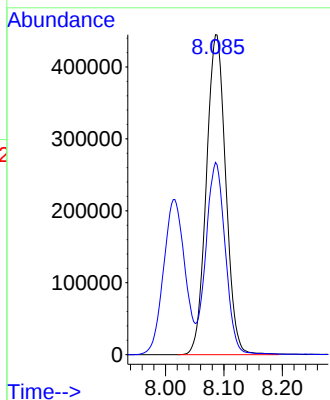
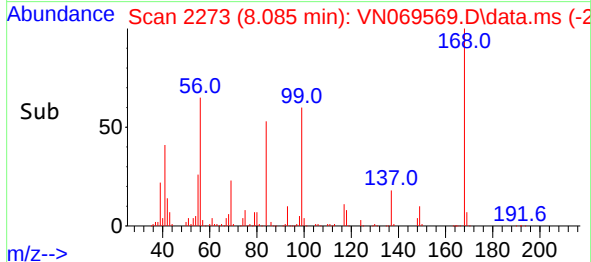
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 1028010
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9

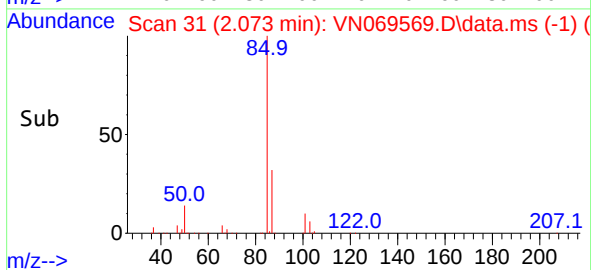
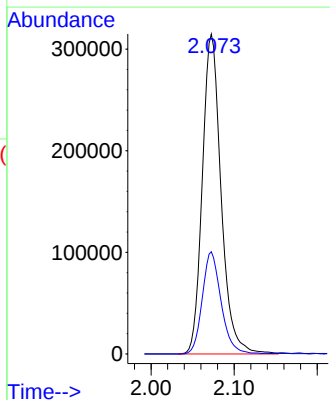
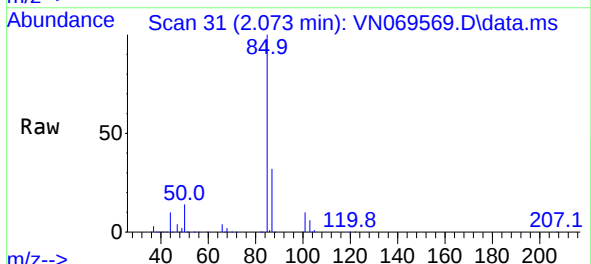
Manual Integrations
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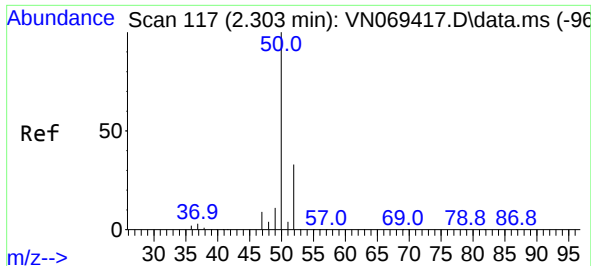
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#2
Dichlorodifluoromethane
Concen: 44.895 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

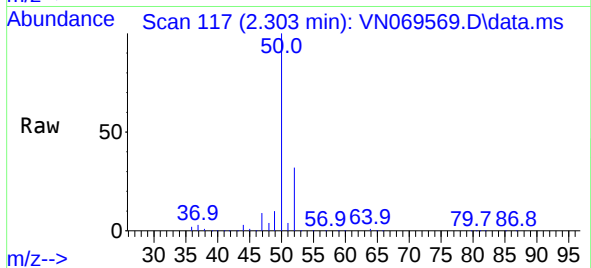
Tgt Ion: 85 Resp: 493068
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9





#3
Chloromethane
Concen: 43.000 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

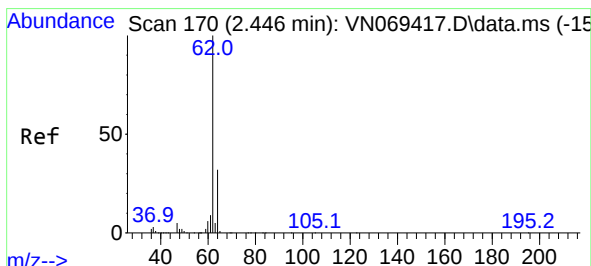
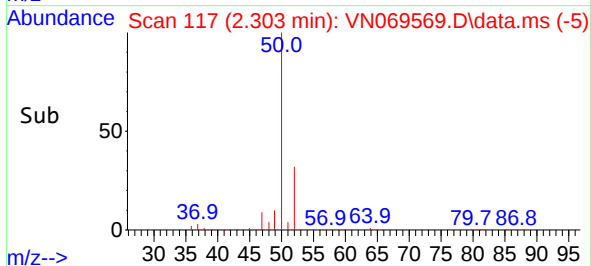
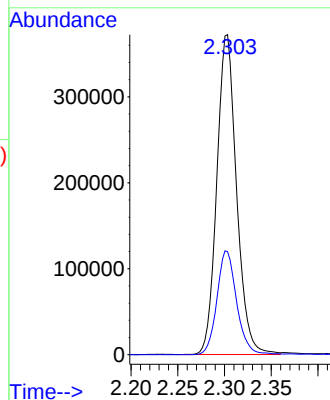
Instrument :
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Tgt Ion: 50 Resp: 547694
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

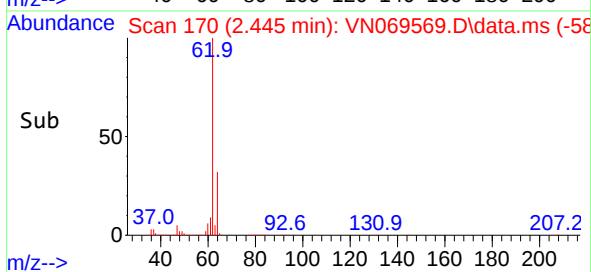
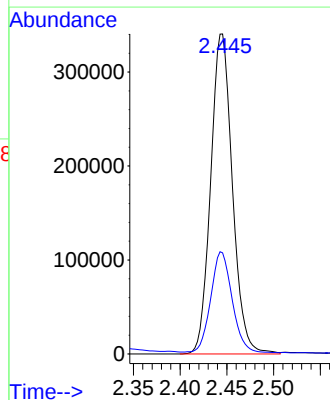
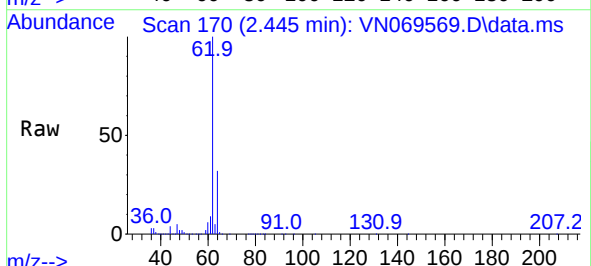
Manual Integrations
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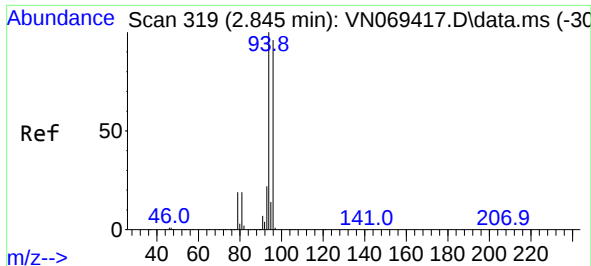
Reviewed By :John Carlone 11/19/2021
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#4
Vinyl Chloride
Concen: 43.164 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

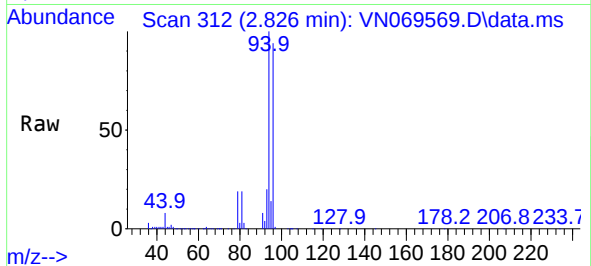
Tgt Ion: 62 Resp: 550486
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 51.579 ug/l
RT: 2.826 min Scan# 319
Delta R.T. -0.019 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

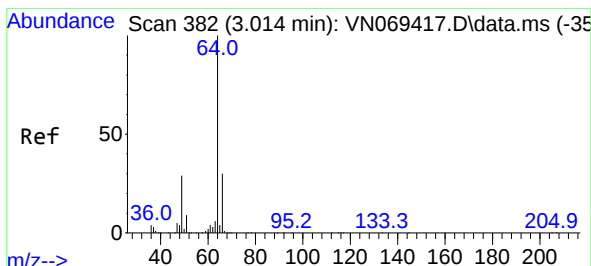
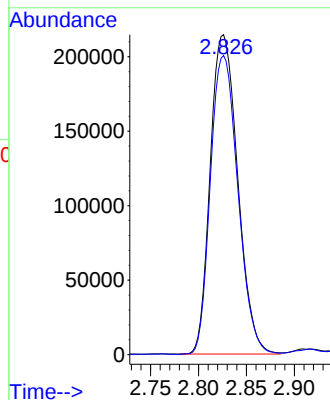
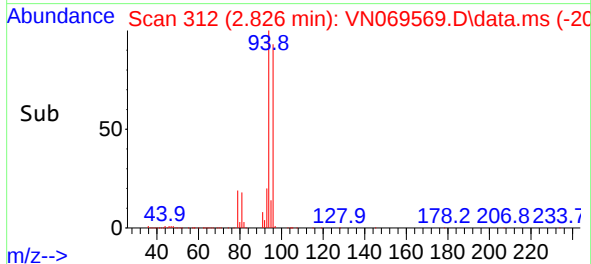
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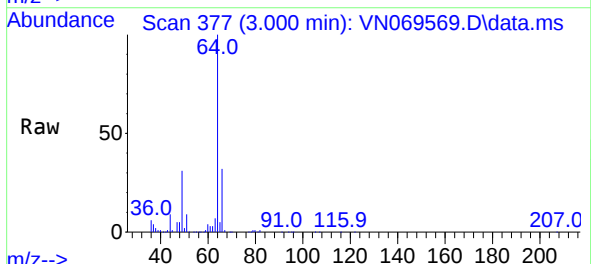
Tgt Ion: 94 Resp: 427215
Ion Ratio Lower Upper
94 100
96 93.6 73.8 110.8

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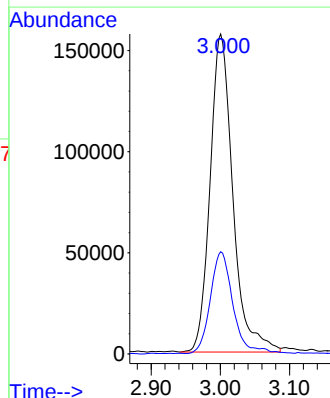
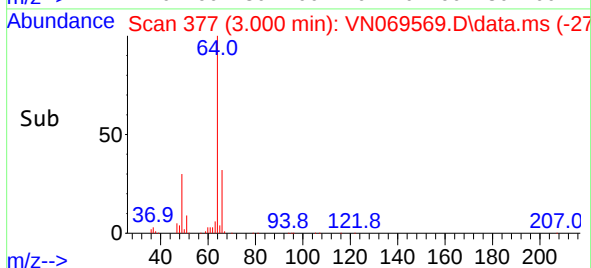
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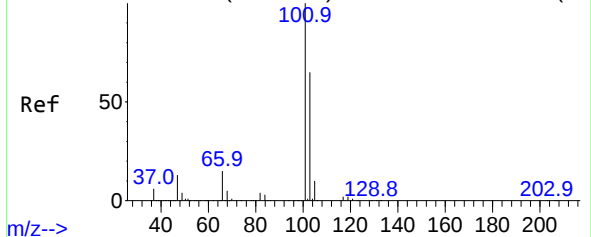
#6
Chloroethane
Concen: 41.762 ug/l
RT: 3.000 min Scan# 377
Delta R.T. -0.014 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



Tgt Ion: 64 Resp: 359494
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5



Abundance Scan 515 (3.371 min): VN069417.D\data.ms (-48



#7

Trichlorofluoromethane

Concen: 41.200 ug/l

RT: 3.365 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN069569.D

Acq: 18 Nov 2021 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 81207

Ion Ratio Lower Upper

101 100

103 64.0 50.1 75.1

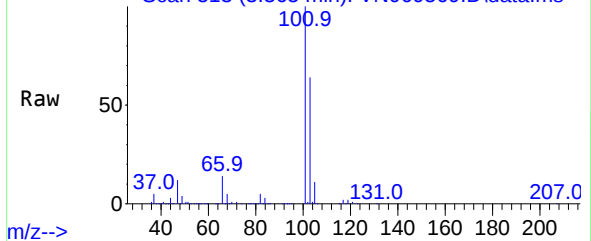
Manual Integrations

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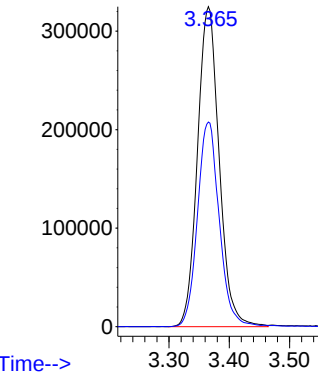
Reviewed By :John Carlone 11/19/2021

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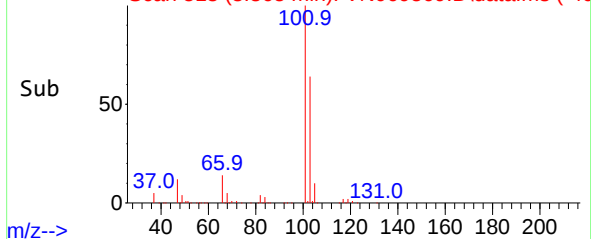
Abundance Scan 513 (3.365 min): VN069569.D\data.ms



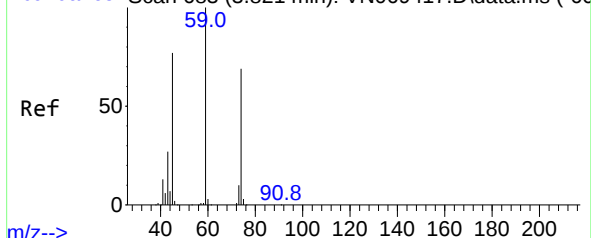
Abundance



Abundance Scan 513 (3.365 min): VN069569.D\data.ms (-40



Abundance Scan 683 (3.821 min): VN069417.D\data.ms (-66



#8

Diethyl Ether

Concen: 49.415 ug/l

RT: 3.818 min Scan# 682

Delta R.T. -0.003 min

Lab File: VN069569.D

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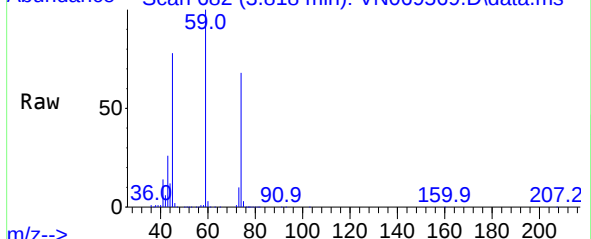
Tgt Ion: 74 Resp: 315126

Ion Ratio Lower Upper

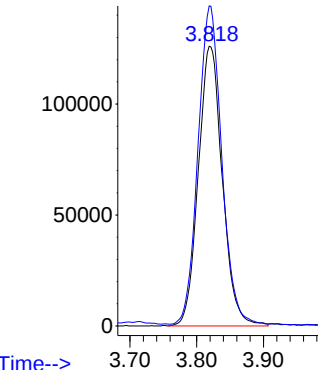
74 100

45 111.5 47.0 141.2

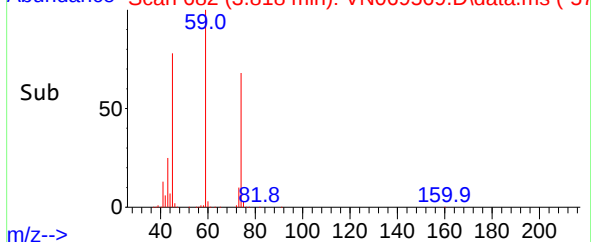
Abundance Scan 682 (3.818 min): VN069569.D\data.ms



Abundance



Abundance Scan 682 (3.818 min): VN069569.D\data.ms (-57





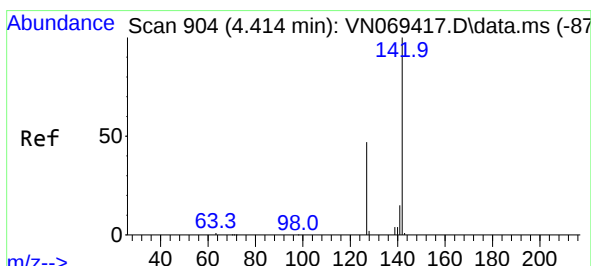
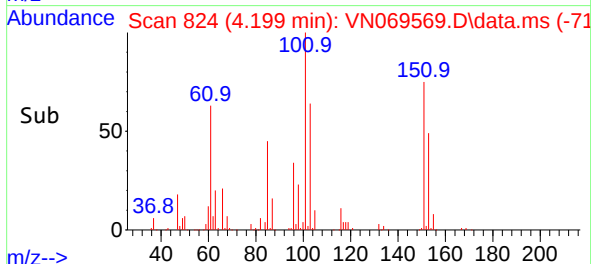
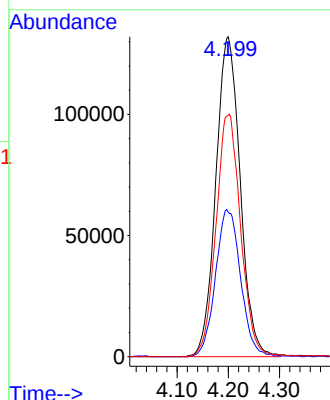
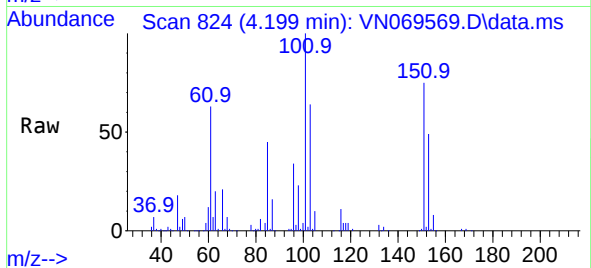
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.068 ug/l
RT: 4.199 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 437012
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 76.4 65.9 98.9

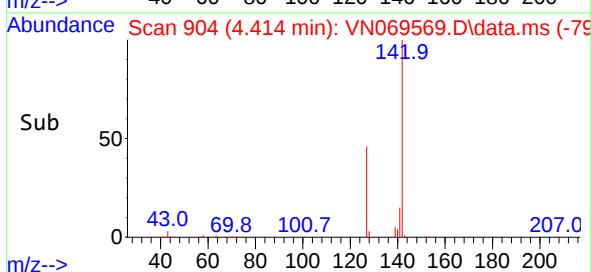
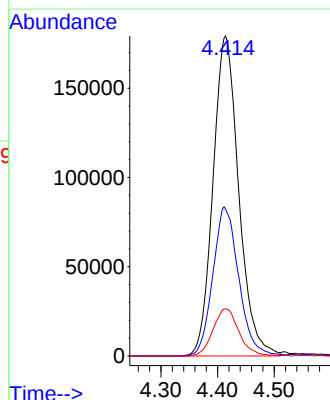
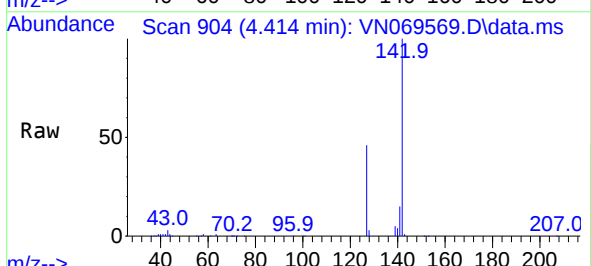
Manual Integrations
APPROVED

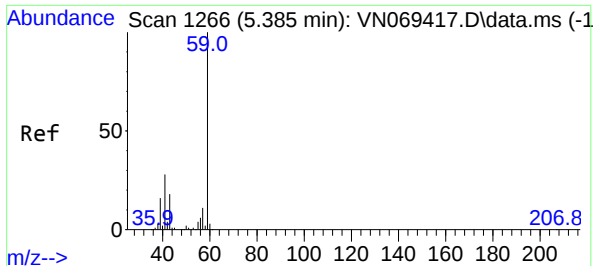
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#10
Methyl Iodide
Concen: 49.674 ug/l
RT: 4.414 min Scan# 904
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

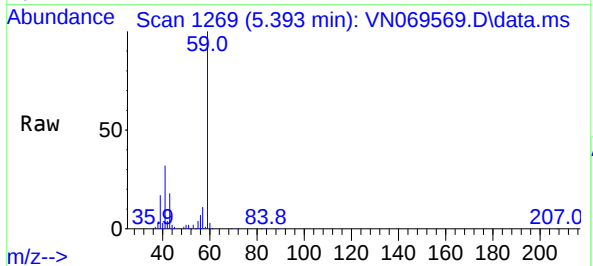
Tgt Ion:142 Resp: 565689
Ion Ratio Lower Upper
142 100
127 46.9 35.4 53.0
141 14.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 280.170 ug/l
RT: 5.393 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

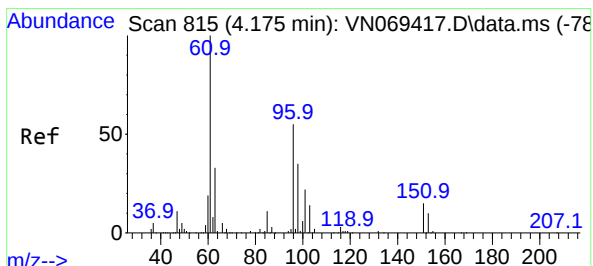
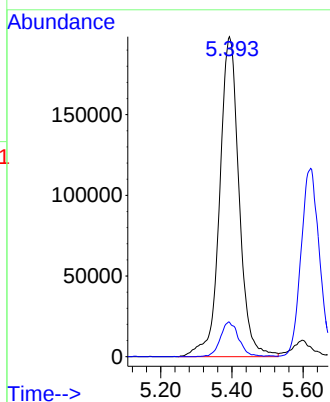
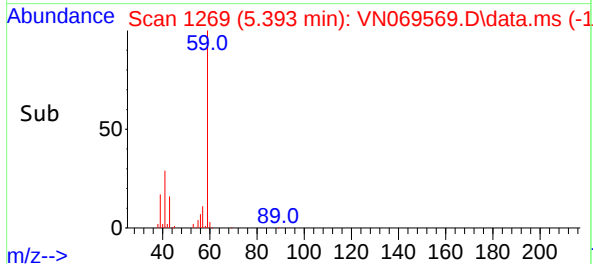
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 75251
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

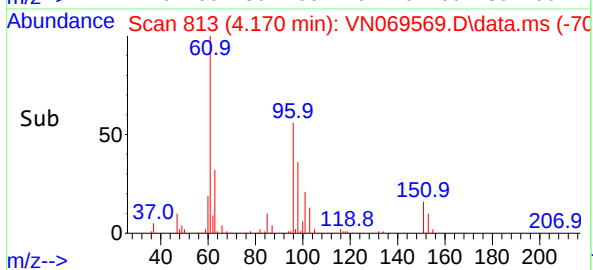
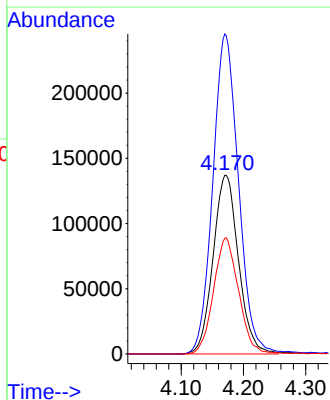
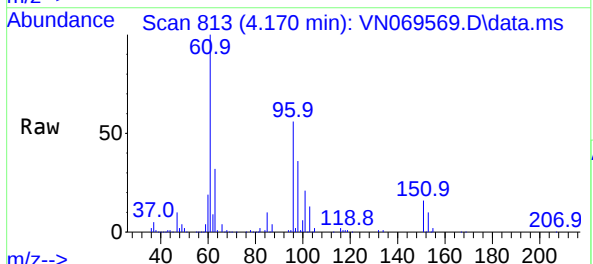
Manual Integrations
APPROVED

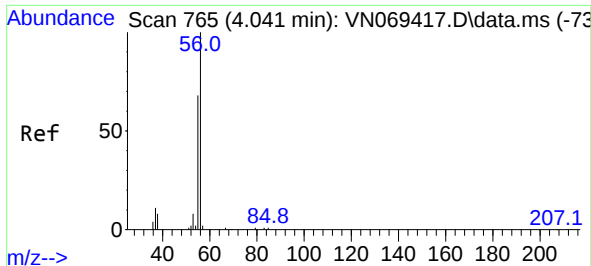
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#12
1,1-Dichloroethene
Concen: 46.624 ug/l
RT: 4.170 min Scan# 813
Delta R.T. -0.005 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

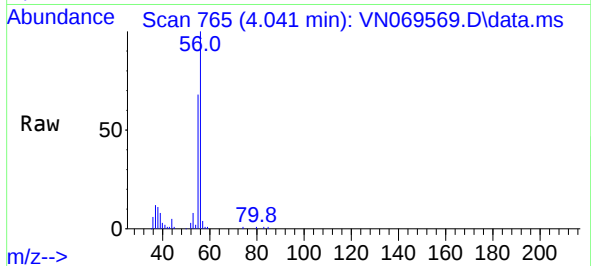
Tgt Ion: 96 Resp: 388471
Ion Ratio Lower Upper
96 100
61 179.1 131.0 196.6
98 64.7 52.4 78.6





#13
Acrolein
Concen: 379.351 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

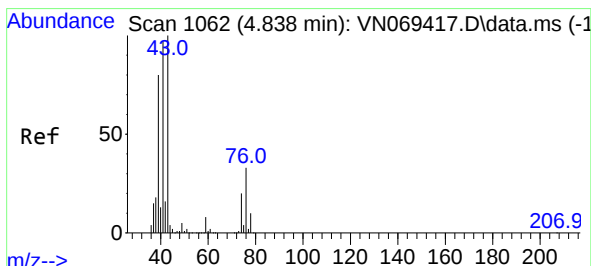
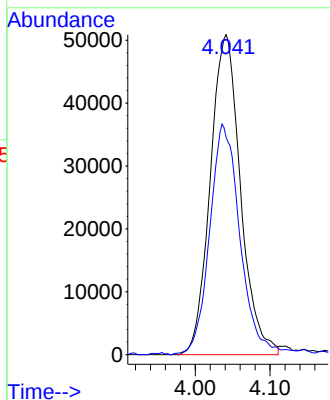
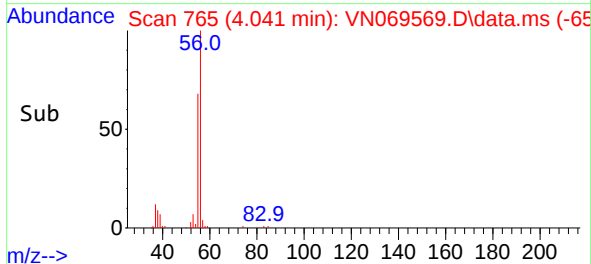
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



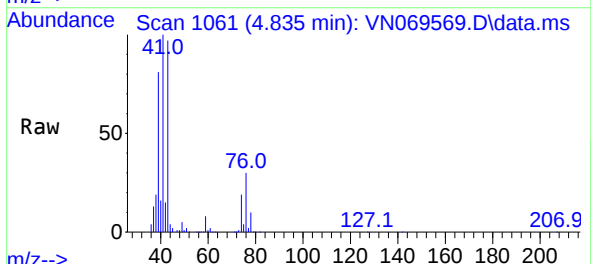
Tgt Ion: 56 Resp: 142985
Ion Ratio Lower Upper
56 100
55 71.7 56.6 85.0

Manual Integrations
APPROVED

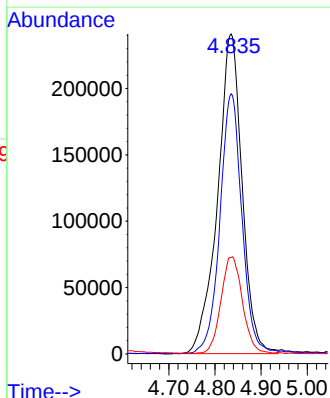
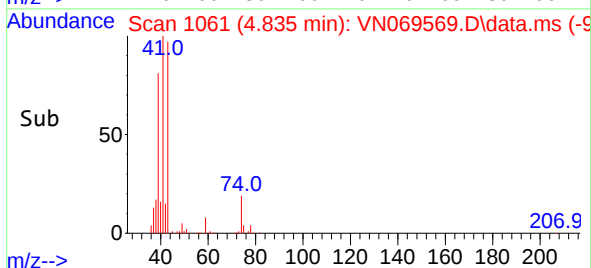
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

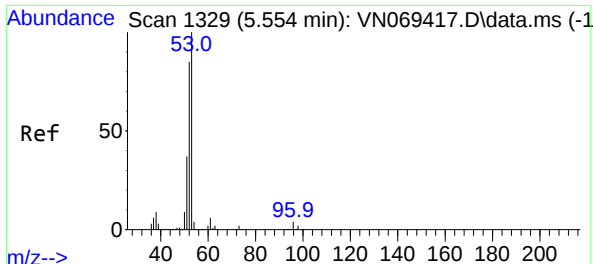


#14
Allyl chloride
Concen: 48.246 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



Tgt Ion: 41 Resp: 888750
Ion Ratio Lower Upper
41 100
39 72.5 61.2 91.8
76 26.4 26.0 39.0





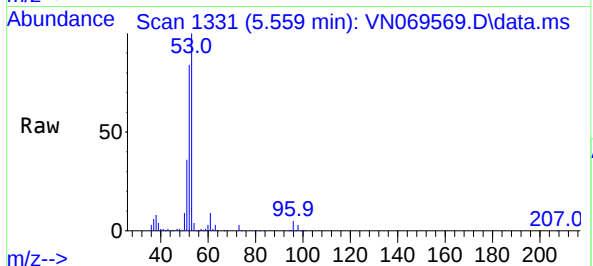
#15
Acrylonitrile
Concen: 282.607 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.005 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



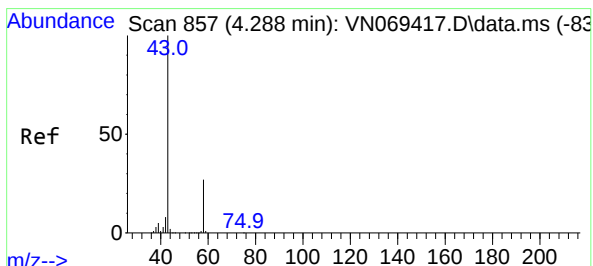
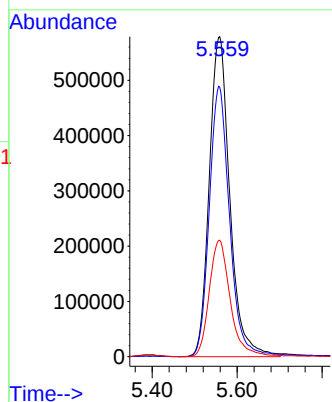
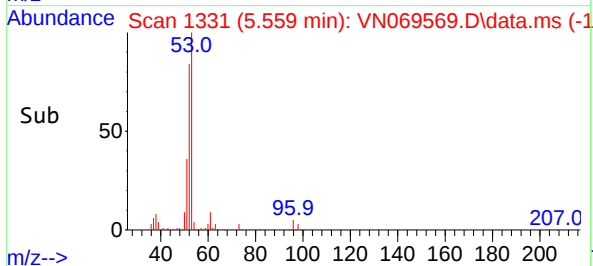
Tgt Ion: 53 Resp: 1943820
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 37.2 29.6 44.4

Manual Integrations

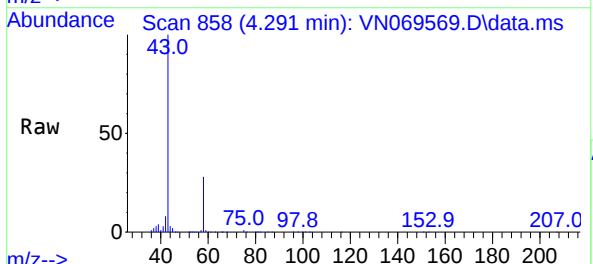
APPROVED

Reviewed By :John Carlone 11/19/2021

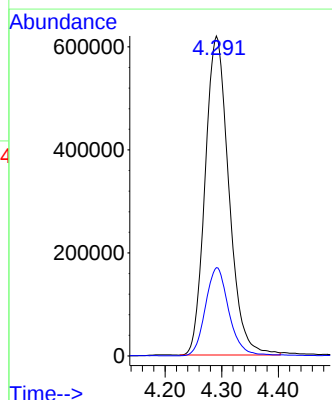
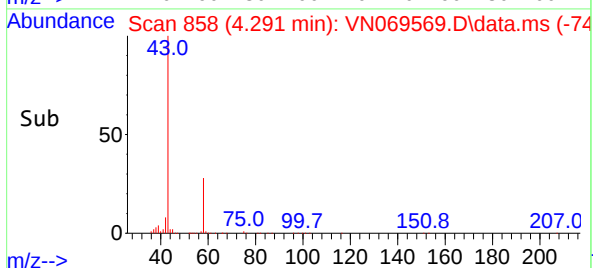
Supervised By :Semsettin Yesilyurt 11/19/2021

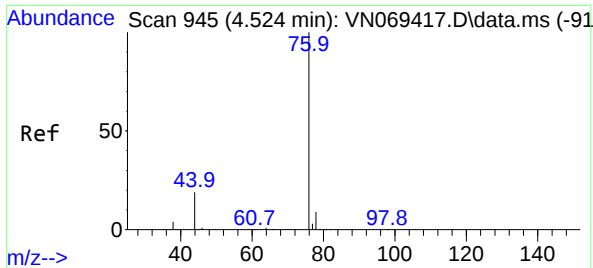


#16
Acetone
Concen: 224.327 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



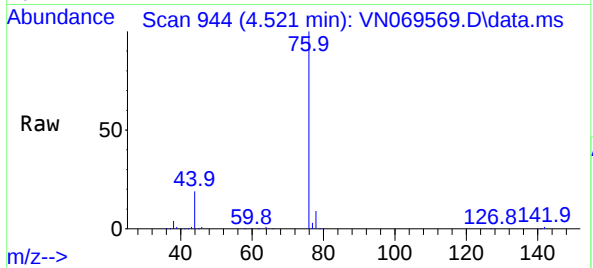
Tgt Ion: 43 Resp: 1804084
Ion Ratio Lower Upper
43 100
58 27.6 23.1 34.7





#17
Carbon Disulfide
Concen: 37.723 ug/l
RT: 4.521 min Scan# 945
Delta R.T. -0.003 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

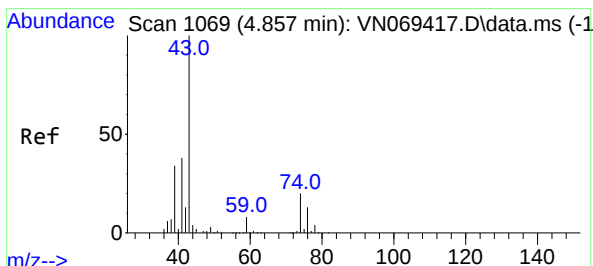
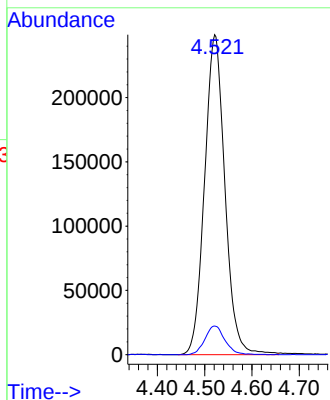
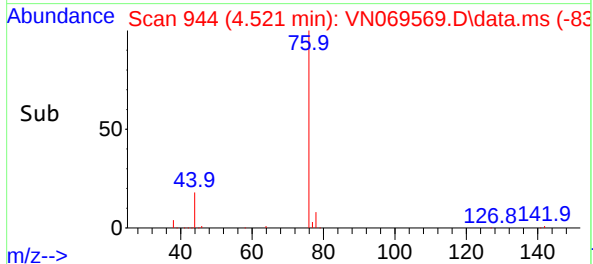
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



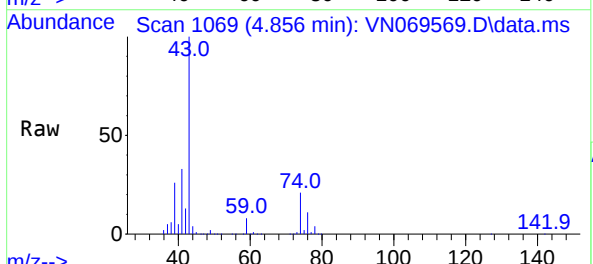
Tgt Ion: 76 Resp: 74295
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Manual Integrations
APPROVED

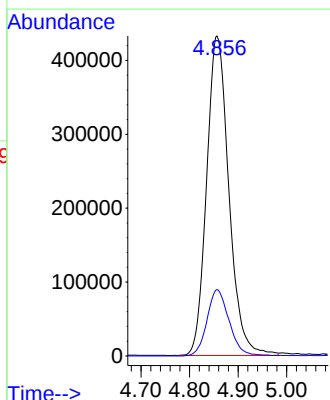
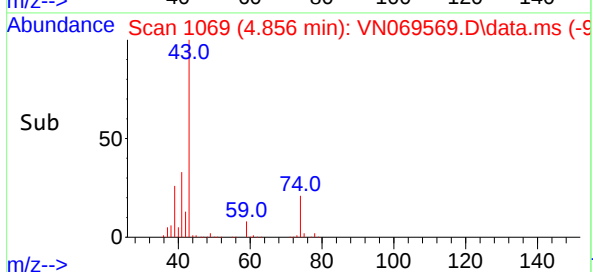
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

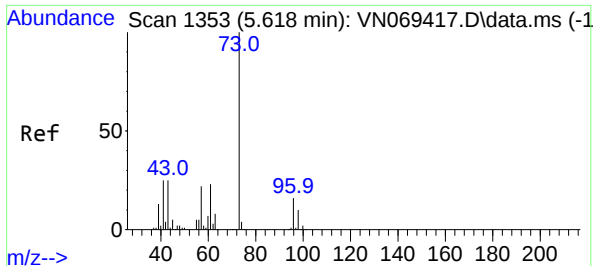


#18
Methyl Acetate
Concen: 52.741 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



Tgt Ion: 43 Resp: 1378789
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 51.899 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

Instrument :

MSVOA_N

ClientSampleId :

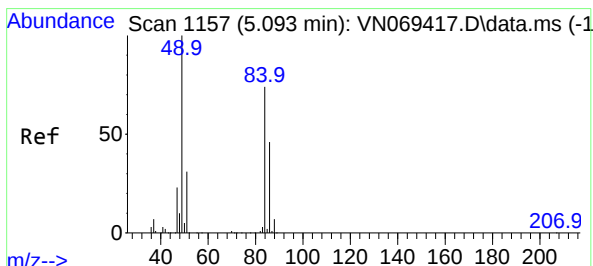
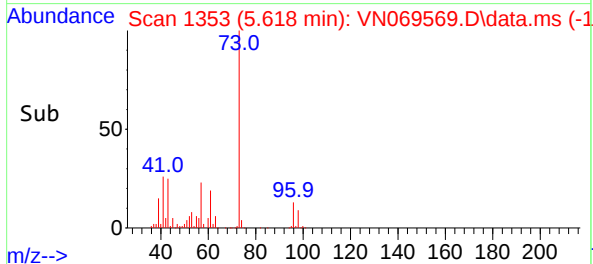
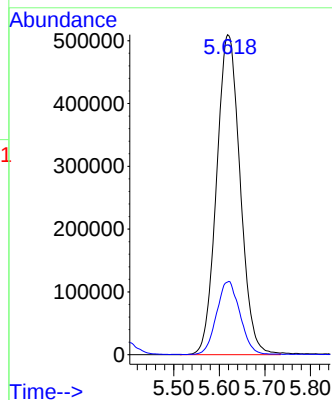
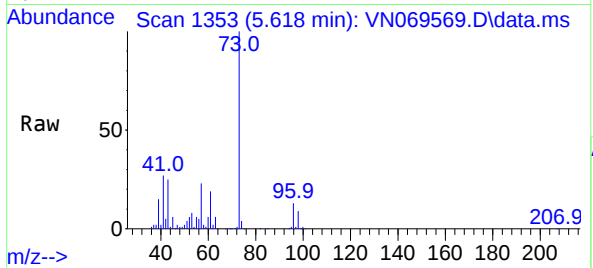
VSTDCCC050

Tgt Ion: 73 Resp: 183003
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2

Manual Integrations

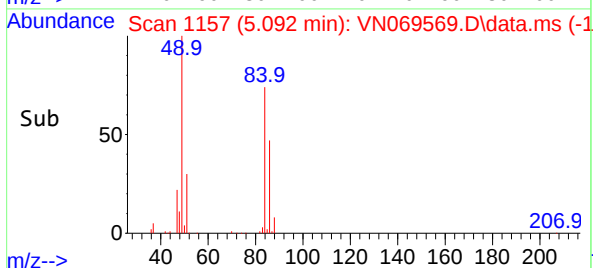
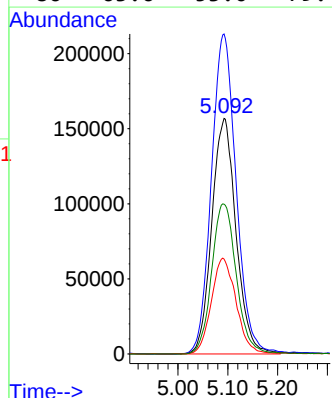
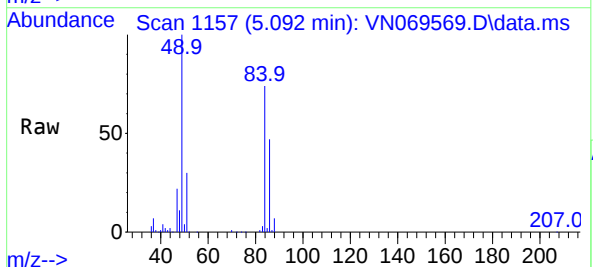
APPROVED

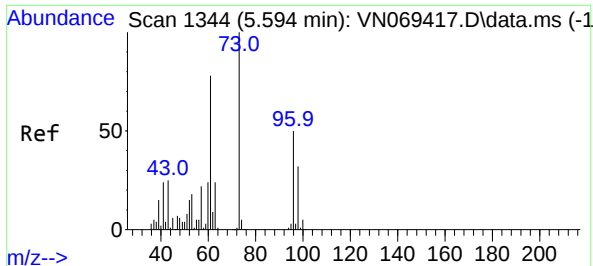
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#20
Methylene Chloride
Concen: 46.559 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. -0.001 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

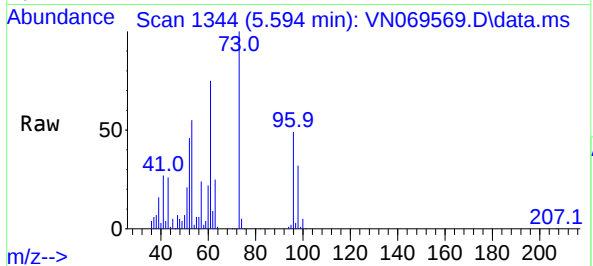
Tgt Ion: 84 Resp: 530957
Ion Ratio Lower Upper
84 100
49 135.8 93.5 140.3
51 40.2 29.4 44.2
86 63.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 46.718 ug/l
RT: 5.594 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

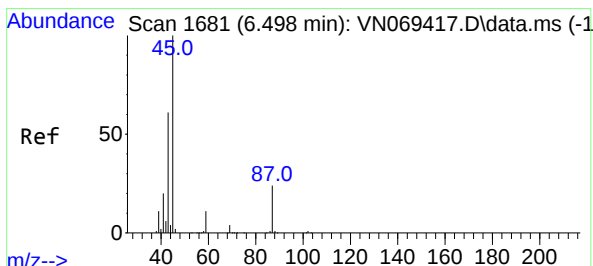
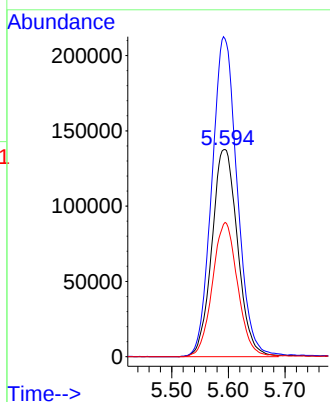
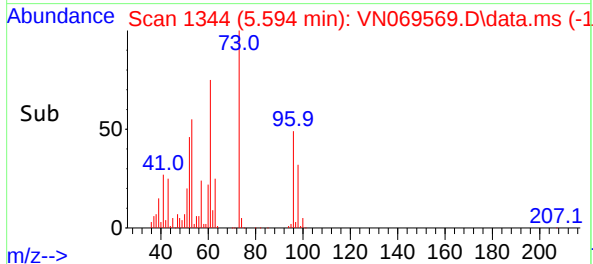
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



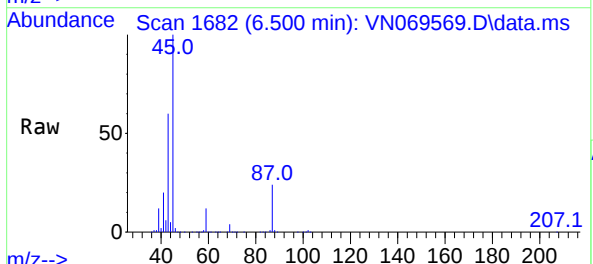
Tgt Ion: 96 Resp: 434770
Ion Ratio Lower Upper
96 100
61 153.3 105.8 158.6
98 64.8 52.0 78.0

Manual Integrations
APPROVED

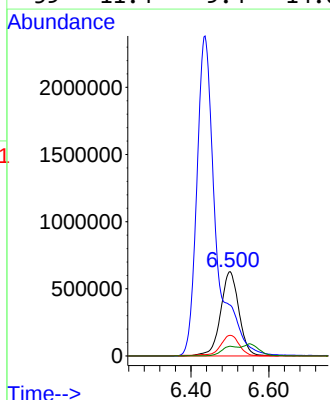
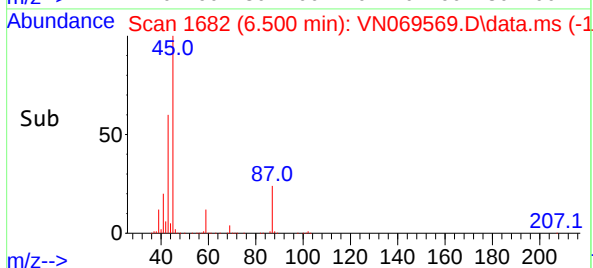
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

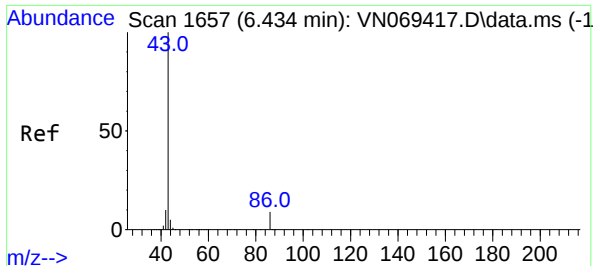


#22
Diisopropyl ether
Concen: 51.802 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. 0.002 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



Tgt Ion: 45 Resp: 2055575
Ion Ratio Lower Upper
45 100
43 60.0 51.7 77.5
87 24.3 23.2 34.8
59 11.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 263.892 ug/l
 RT: 6.436 min Scan# 1657
 Delta R.T. 0.002 min
 Lab File: VN069569.D
 Acq: 18 Nov 2021 22:58

Instrument :

MSVOA_N

ClientSampleId :

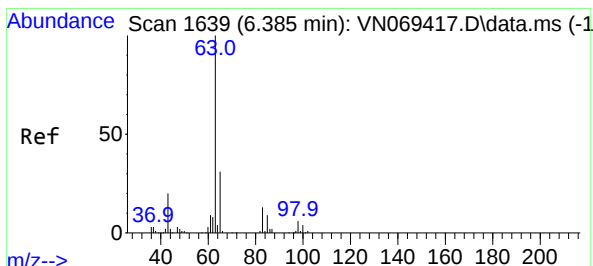
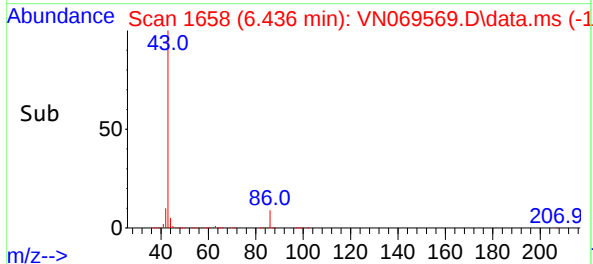
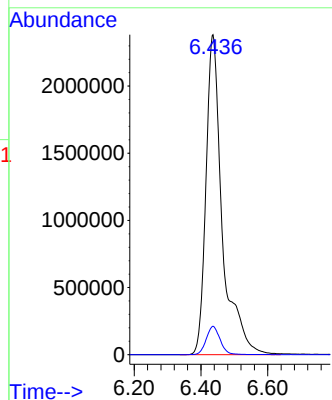
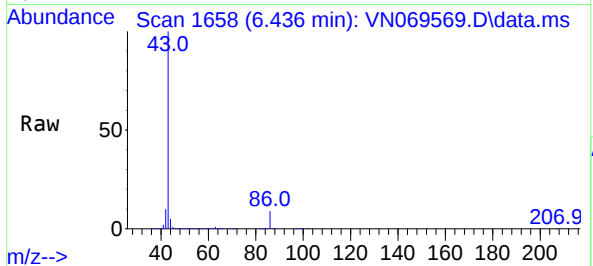
VSTDCCC050

Tgt Ion: 43 Resp: 809913
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7

Manual Integrations

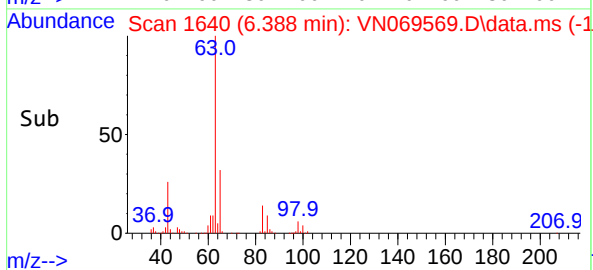
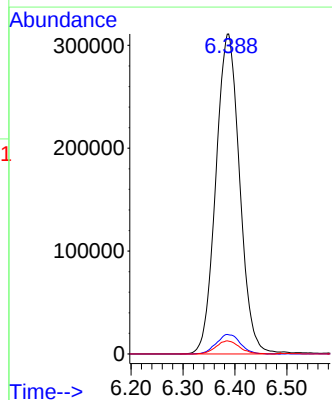
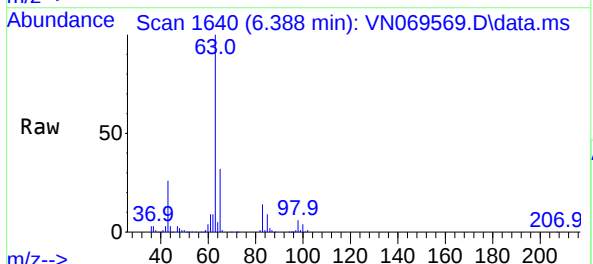
APPROVED

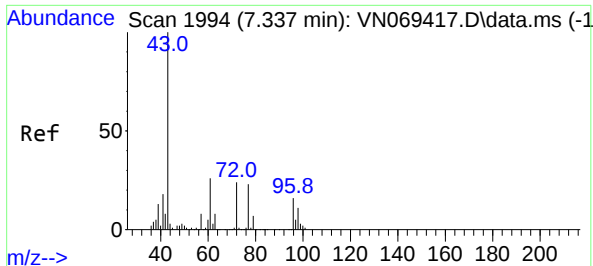
Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021



#24
 1,1-Dichloroethane
 Concen: 49.009 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069569.D
 Acq: 18 Nov 2021 22:58

Tgt Ion: 63 Resp: 990546
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 270.362 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.003 min

Lab File: VN069569.D

Acq: 18 Nov 2021 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 294418

Ion Ratio Lower Upper

43 100

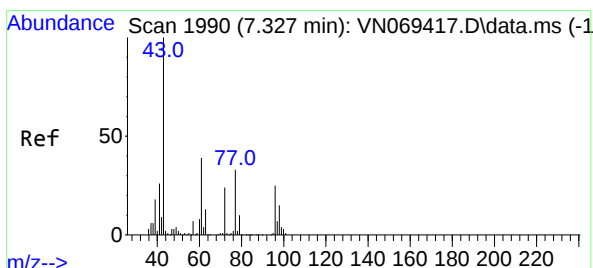
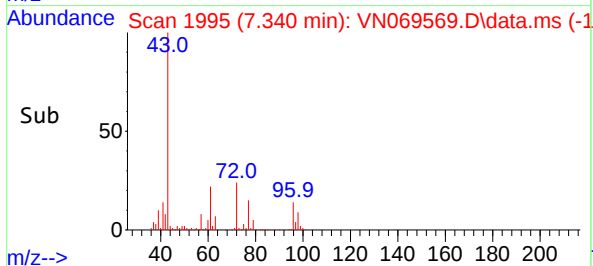
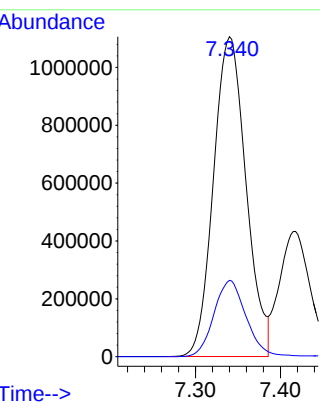
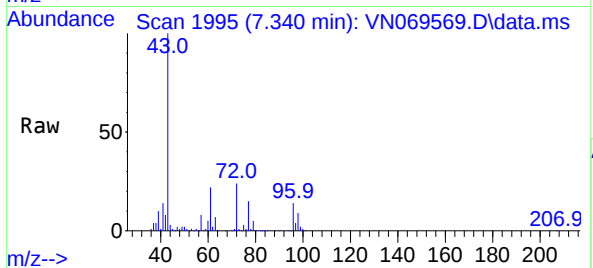
72 23.8 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#26

2,2-Dichloropropane

Concen: 41.321 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069569.D

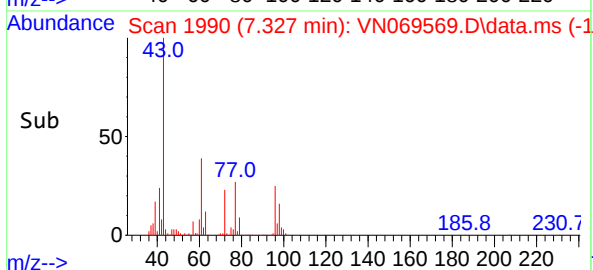
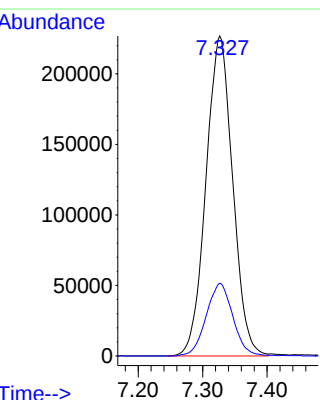
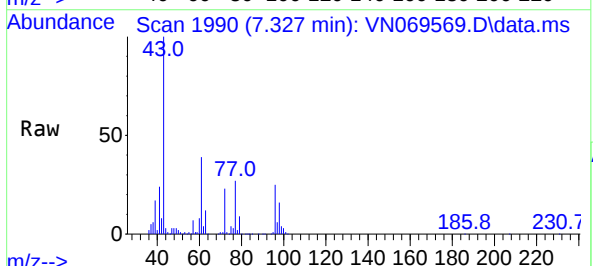
Acq: 18 Nov 2021 22:58

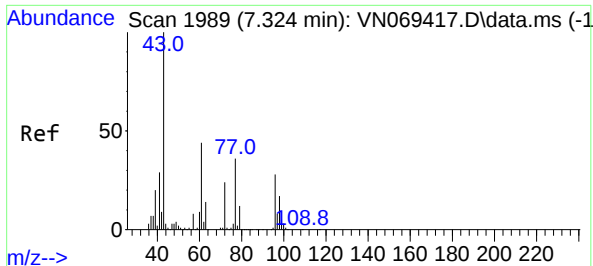
Tgt Ion: 77 Resp: 653432

Ion Ratio Lower Upper

77 100

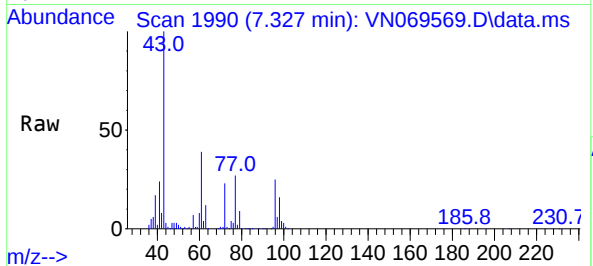
97 22.7 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 49.740 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

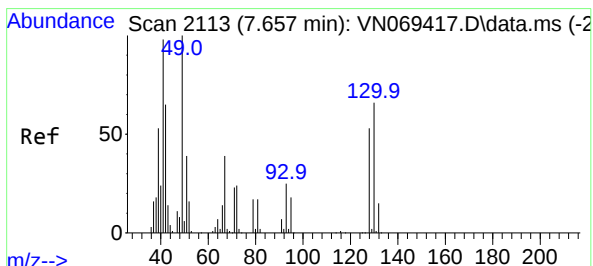
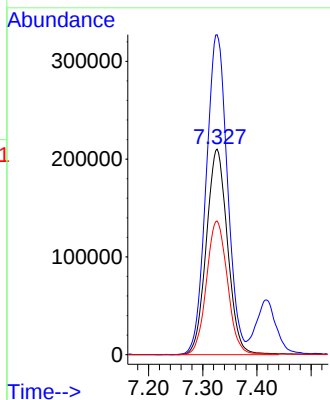
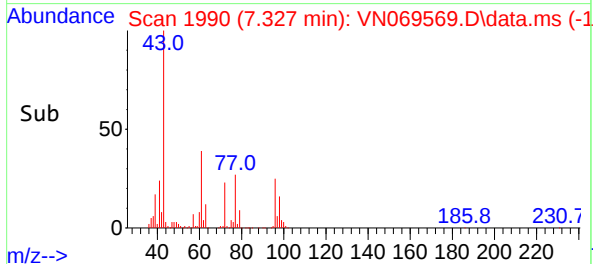
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 57382
Ion Ratio Lower Upper
96 100
61 155.7 0.0 275.0
98 64.2 0.0 129.6

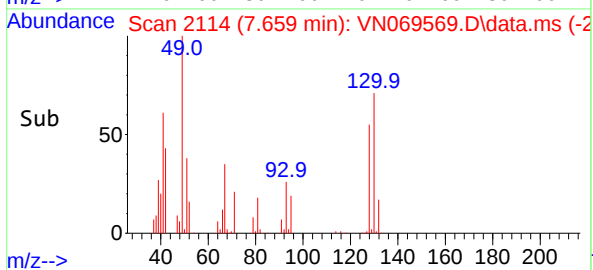
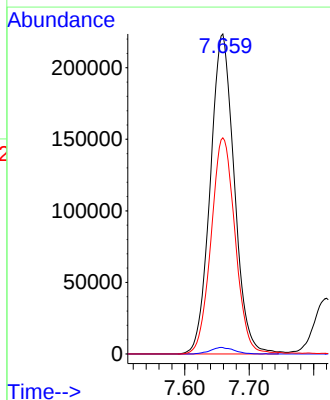
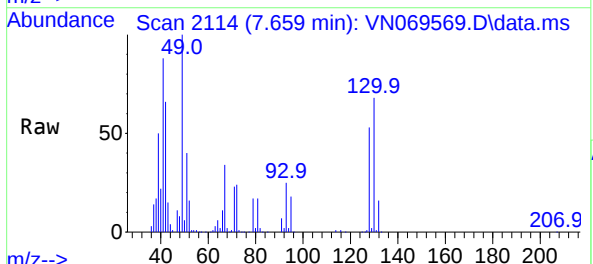
Manual Integrations
APPROVED

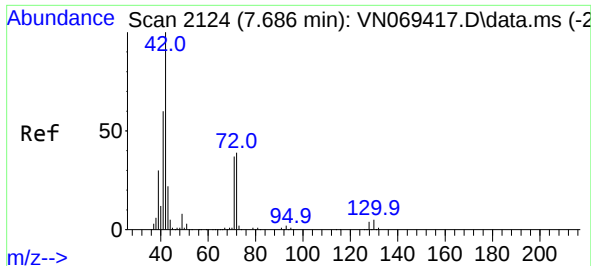
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#28
Bromochloromethane
Concen: 55.830 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

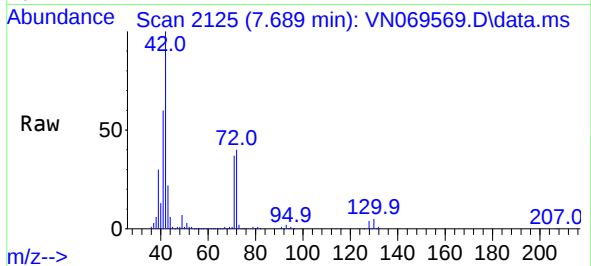
Tgt Ion: 49 Resp: 577867
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 67.6 67.8 101.8#





#29
Tetrahydrofuran
Concen: 285.406 ug/l
RT: 7.689 min Scan# 2125
Delta R.T. 0.003 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

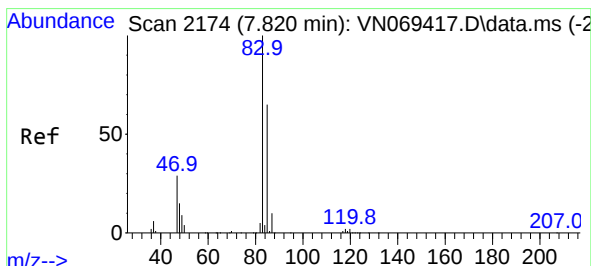
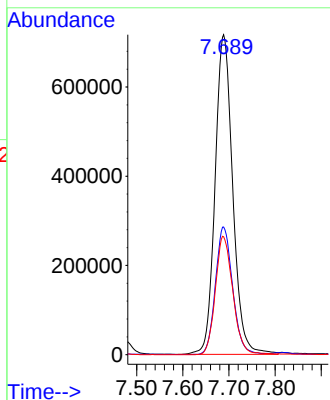
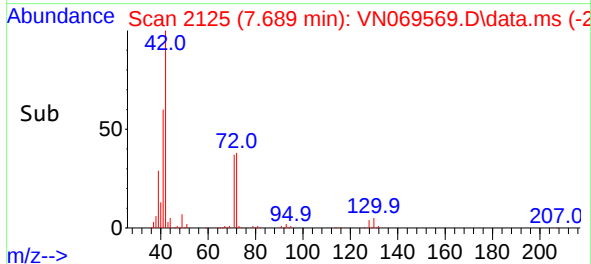
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



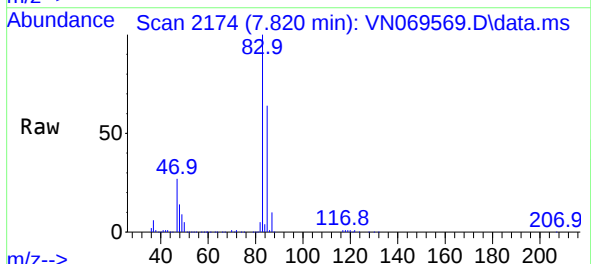
Tgt Ion: 42 Resp: 190731
Ion Ratio Lower Upper
42 100
72 38.9 36.3 54.5
71 36.7 34.7 52.1

Manual Integrations
APPROVED

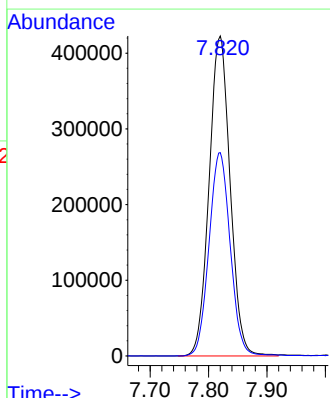
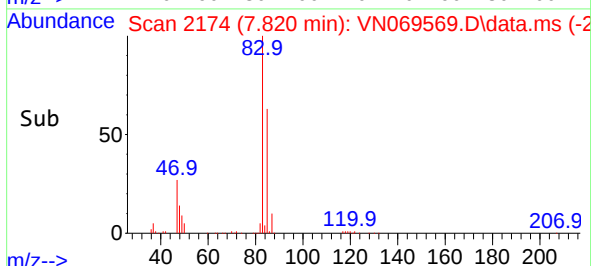
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

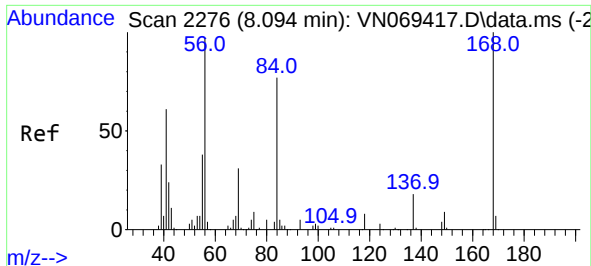


#30
Chloroform
Concen: 51.008 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



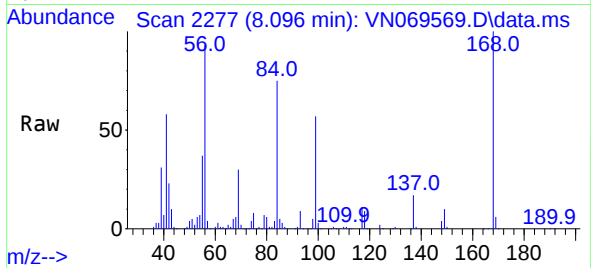
Tgt Ion: 83 Resp: 1056912
Ion Ratio Lower Upper
83 100
85 63.5 51.9 77.9





#31
Cyclohexane
Concen: 41.984 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.002 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

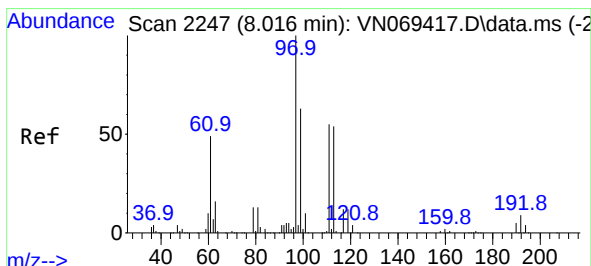
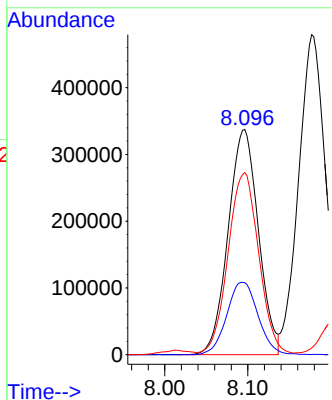
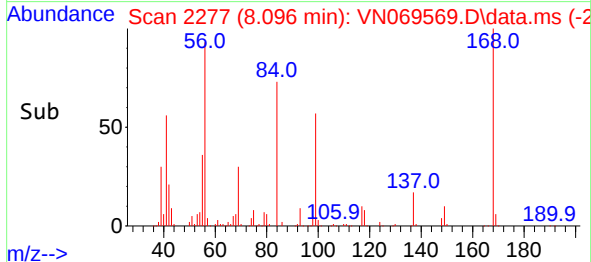
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



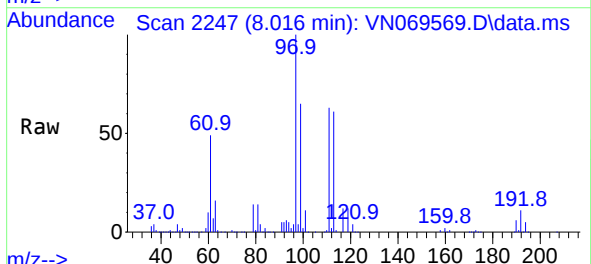
Tgt Ion: 56 Resp: 854948
Ion Ratio Lower Upper
56 100
69 32.0 27.1 40.7
84 78.9 73.4 110.0

Manual Integrations
APPROVED

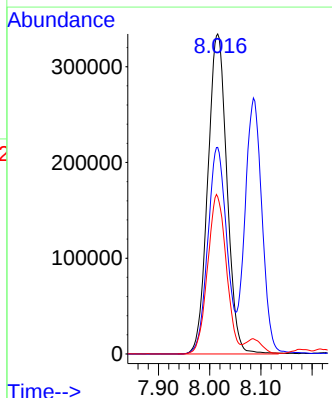
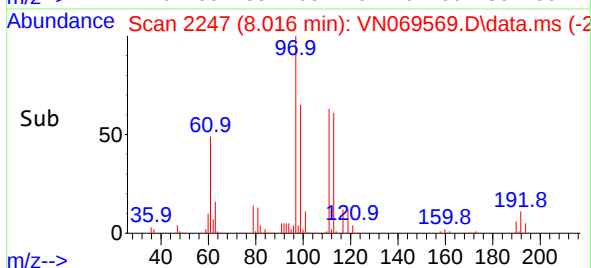
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

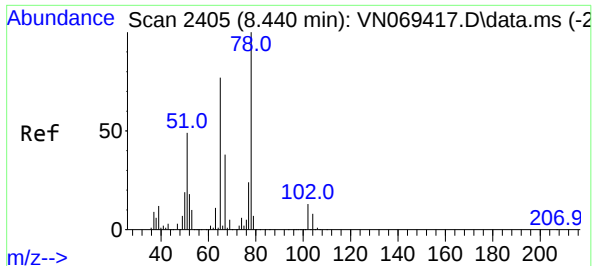


#32
1,1,1-Trichloroethane
Concen: 50.246 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



Tgt Ion: 97 Resp: 869031
Ion Ratio Lower Upper
97 100
99 63.4 50.1 75.1
61 48.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.951 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069569.D

Acq: 18 Nov 2021 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 774354

Ion Ratio Lower Upper

65 100

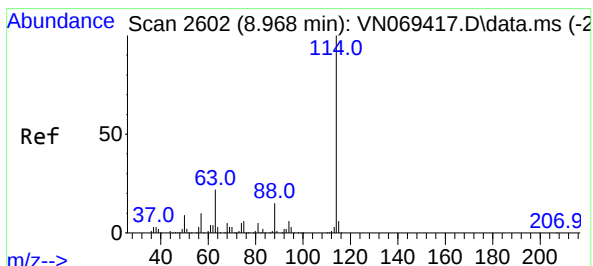
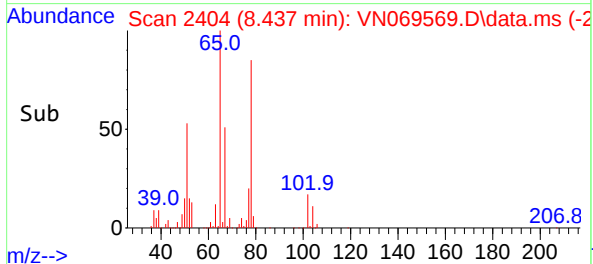
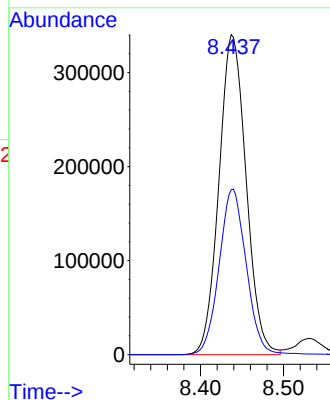
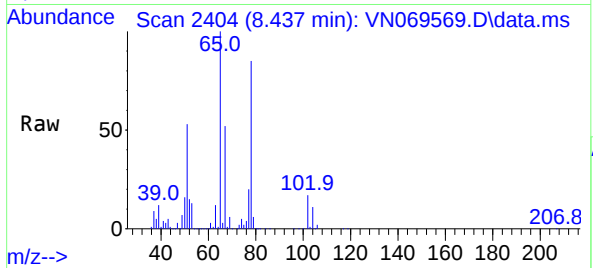
67 51.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069569.D

Acq: 18 Nov 2021 22:58

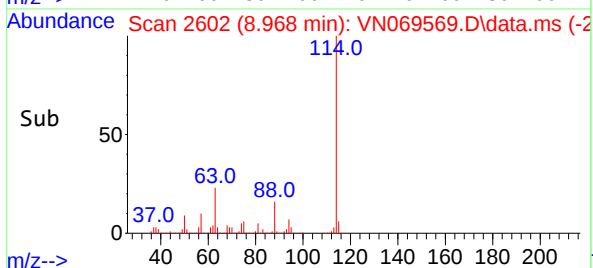
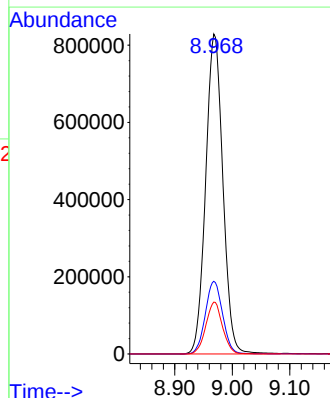
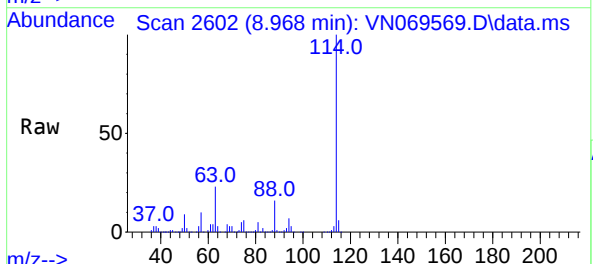
Tgt Ion:114 Resp: 1721955

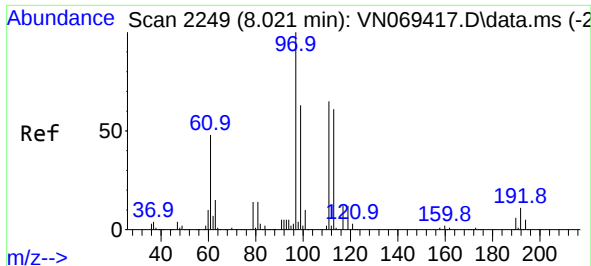
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

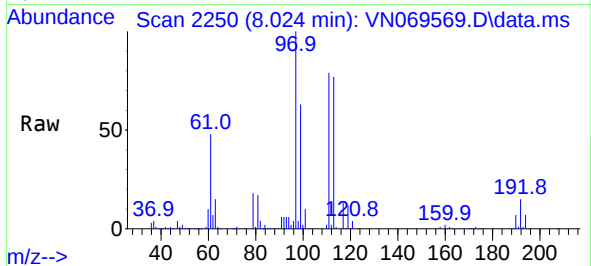
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.034 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

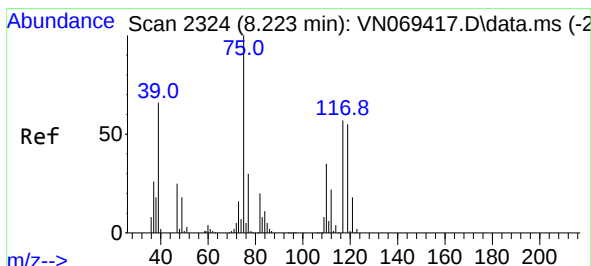
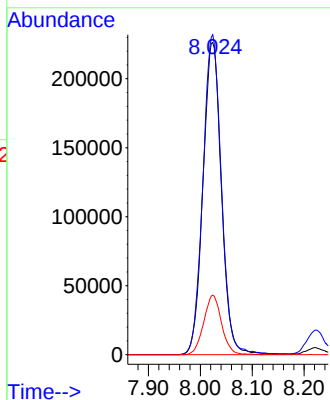
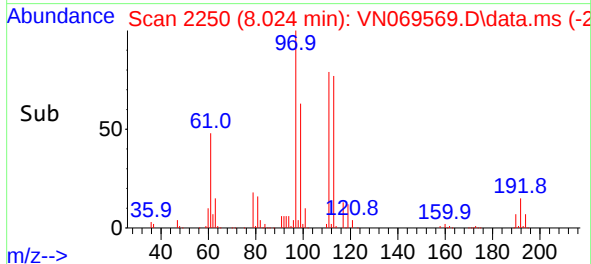
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



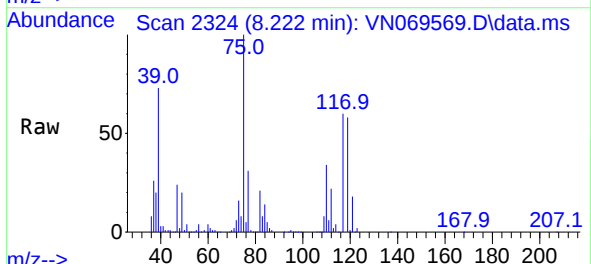
Tgt Ion:113 Resp: 558038
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 18.4 16.9 25.3

Manual Integrations
APPROVED

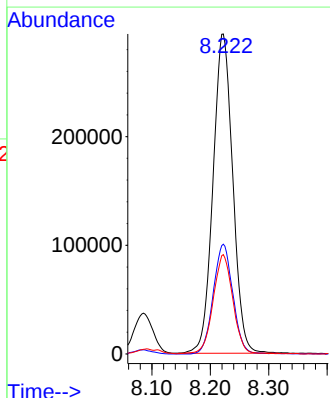
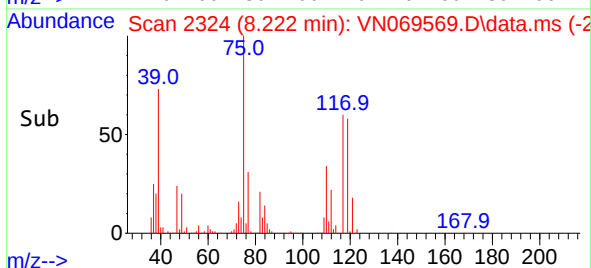
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

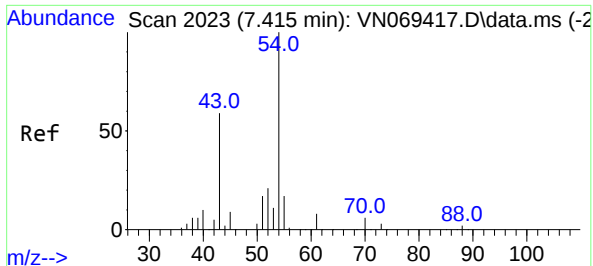


#36
1,1-Dichloropropene
Concen: 47.655 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



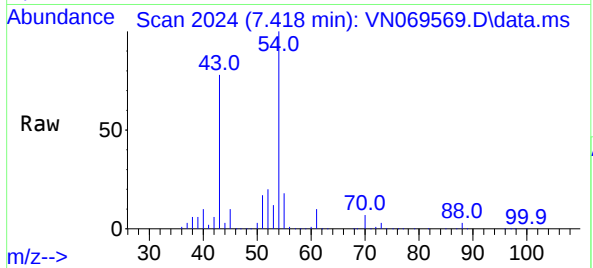
Tgt Ion: 75 Resp: 690480
Ion Ratio Lower Upper
75 100
110 34.0 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 57.735 ug/l
RT: 7.418 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

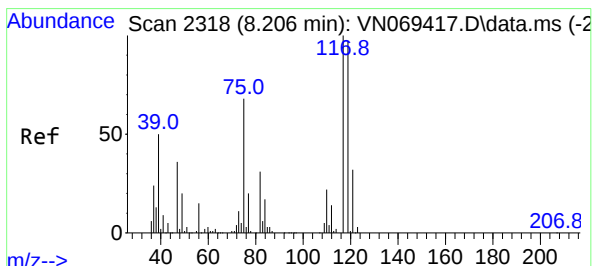
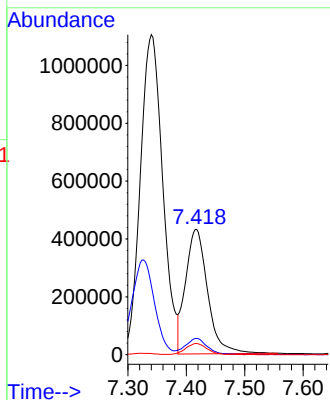
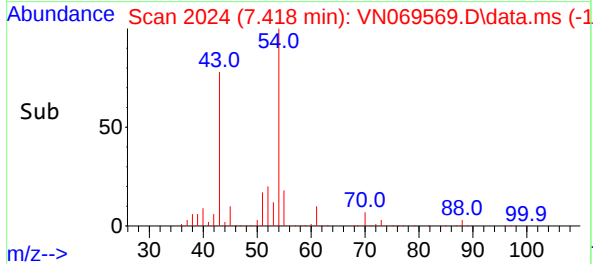
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



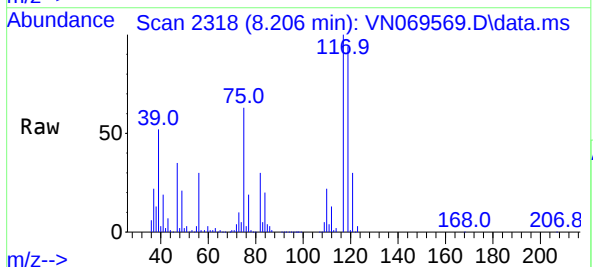
Tgt Ion: 43 Resp: 113080
Ion Ratio Lower Upper
43 100
61 12.5 11.5 17.3
70 8.7 7.9 11.9

Manual Integrations
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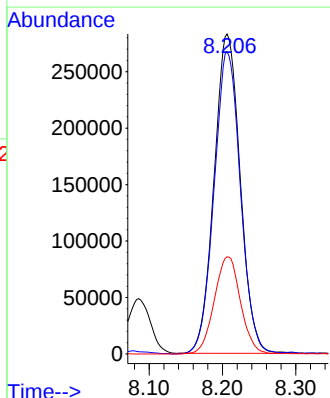
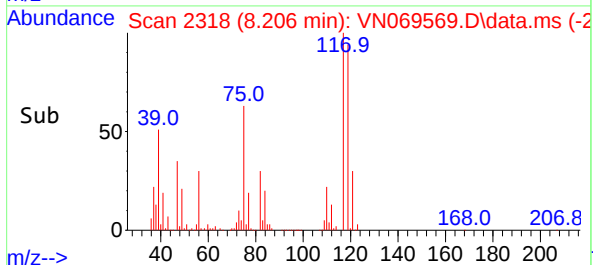
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

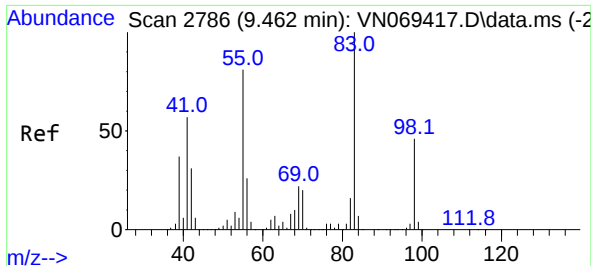


#38
Carbon Tetrachloride
Concen: 49.973 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



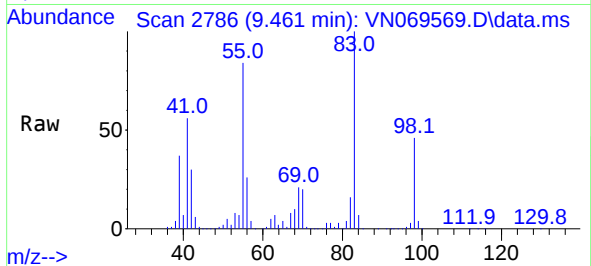
Tgt Ion:117 Resp: 699052
Ion Ratio Lower Upper
117 100
119 94.6 76.1 114.1
121 30.4 24.2 36.2





#39
Methylcyclohexane
Concen: 44.730 ug/l
RT: 9.461 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

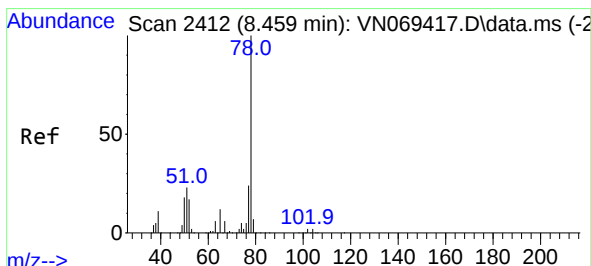
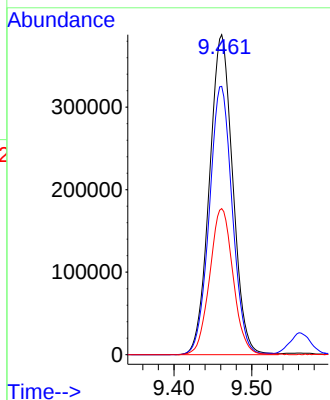
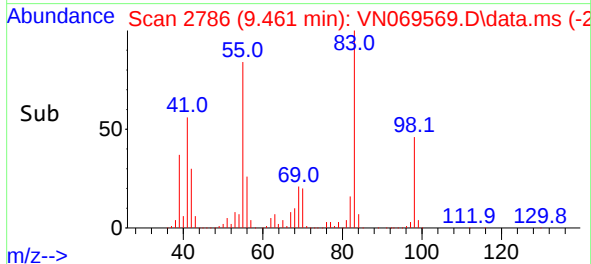
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



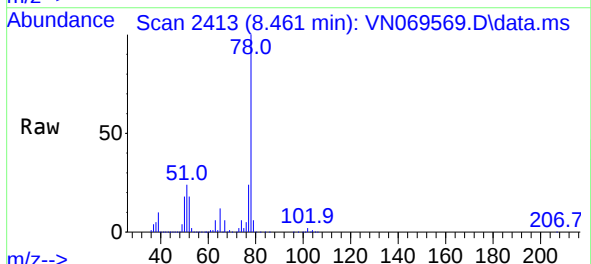
Tgt Ion: 83 Resp: 806210
Ion Ratio Lower Upper
83 100
55 83.8 58.1 87.1
98 45.7 38.4 57.6

Manual Integrations
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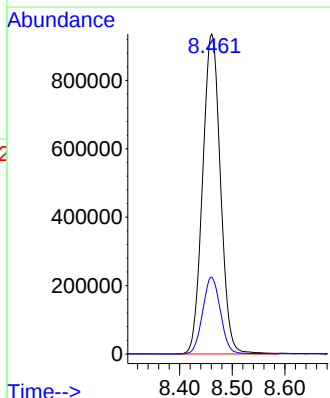
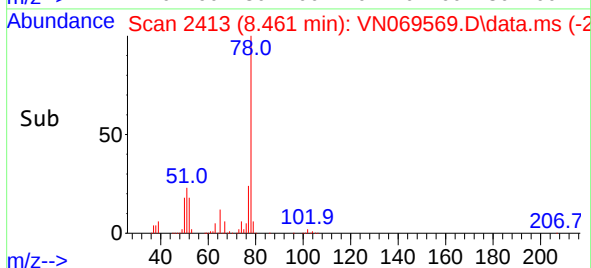
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

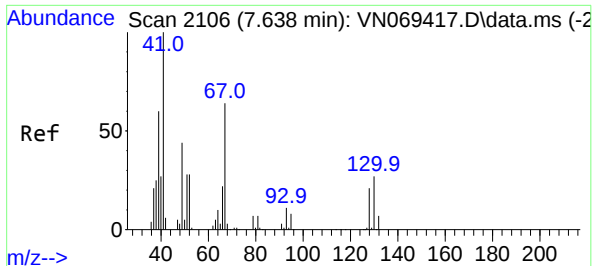


#40
Benzene
Concen: 49.337 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



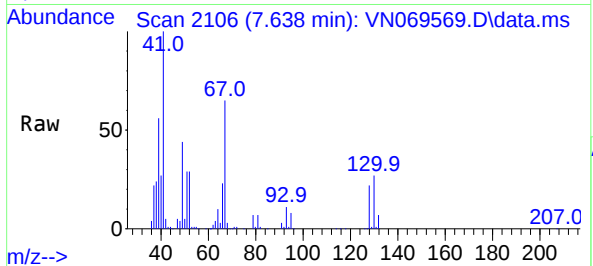
Tgt Ion: 78 Resp: 2206509
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8





#41
Methacrylonitrile
Concen: 54.751 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

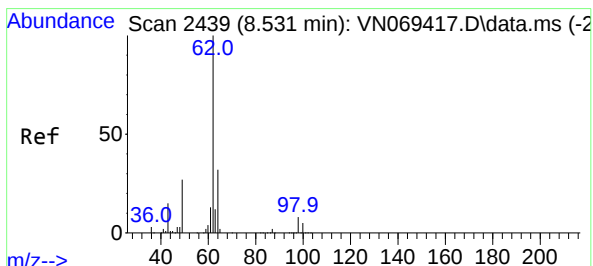
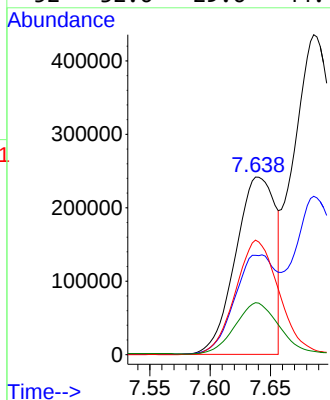
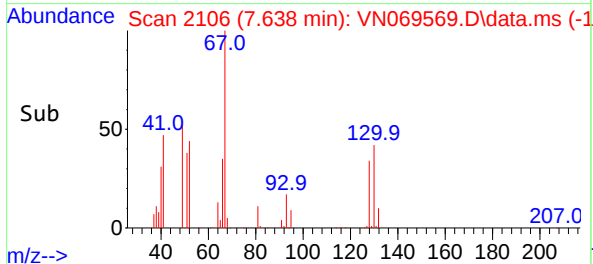
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 554100
Ion Ratio Lower Upper
41 100
39 60.2 48.1 72.1
67 71.6 68.3 102.5
52 32.6 29.6 44.4

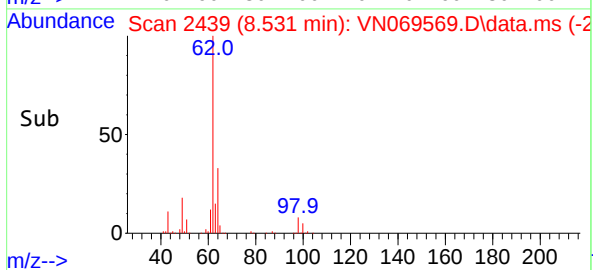
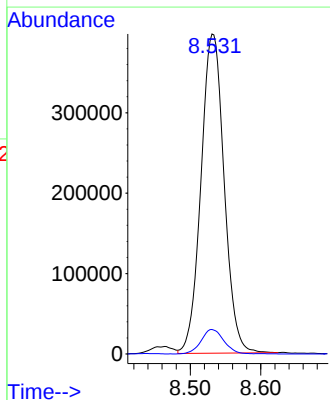
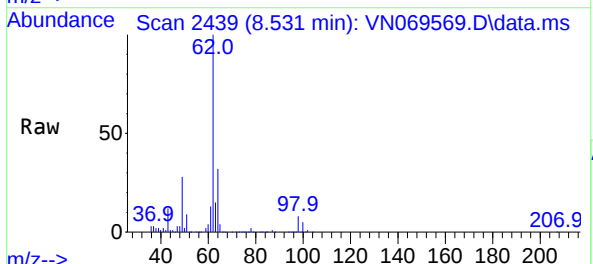
Manual Integrations
APPROVED

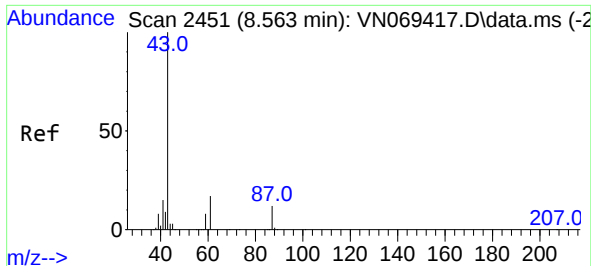
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#42
1,2-Dichloroethane
Concen: 51.723 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

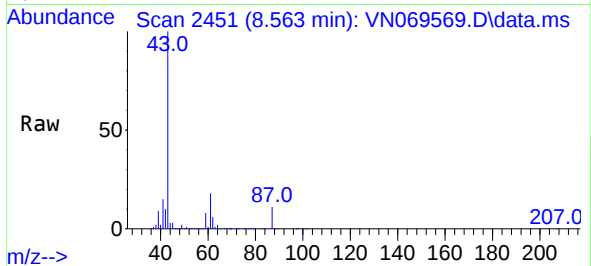
Tgt Ion: 62 Resp: 905760
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 54.706 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

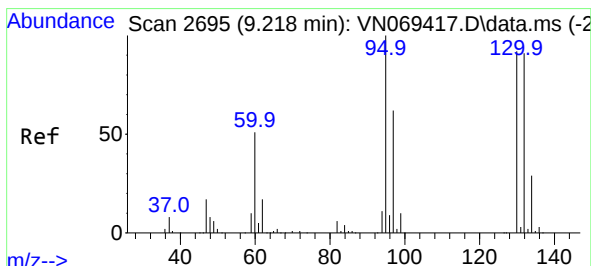
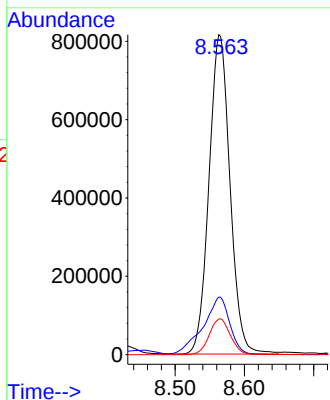
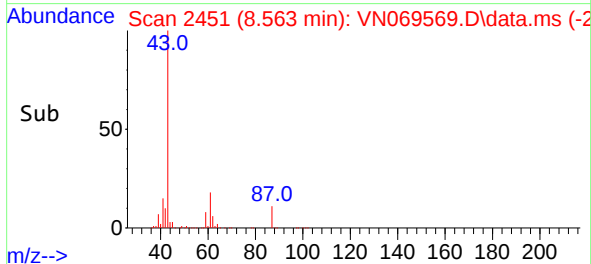
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



Tgt Ion: 43 Resp: 1721039
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 11.3 11.2 16.8

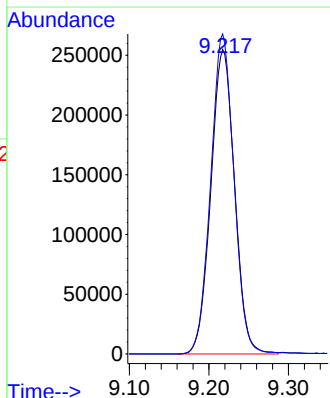
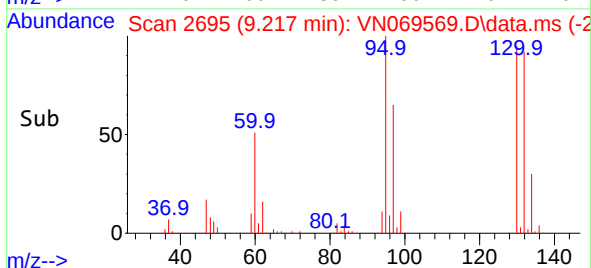
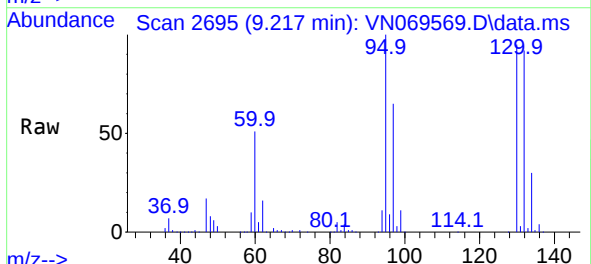
Manual Integrations
APPROVED

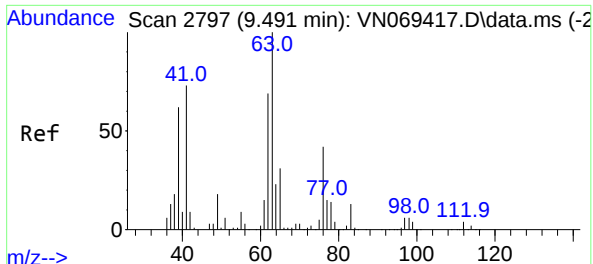
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#44
Trichloroethene
Concen: 49.332 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

Tgt Ion:130 Resp: 528027
Ion Ratio Lower Upper
130 100
95 105.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 51.797 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069569.D

Acq: 18 Nov 2021 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 618910

Ion Ratio Lower Upper

63 100

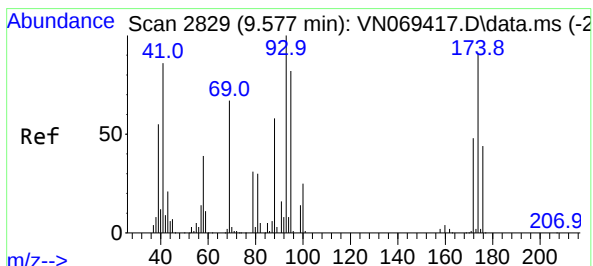
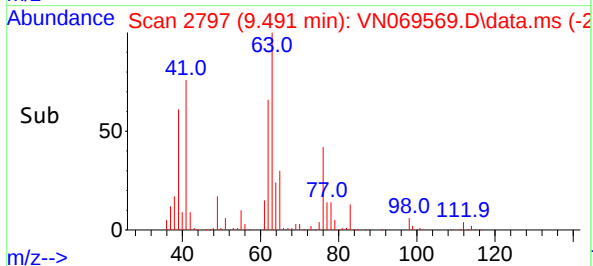
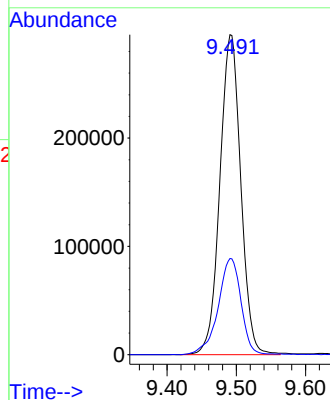
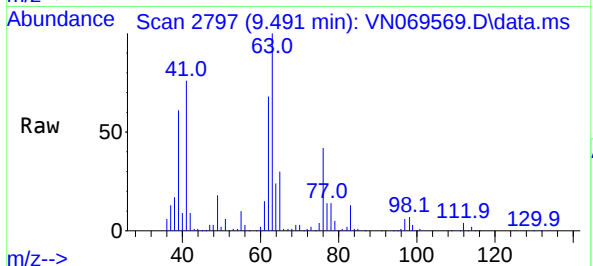
65 30.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#46

Dibromomethane

Concen: 50.906 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.002 min

Lab File: VN069569.D

Acq: 18 Nov 2021 22:58

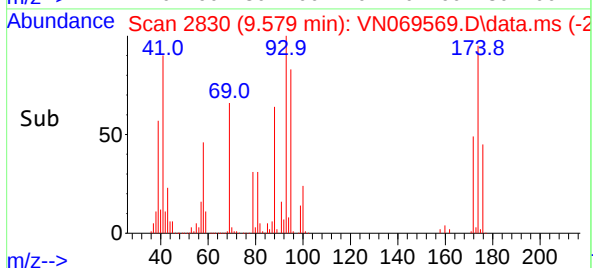
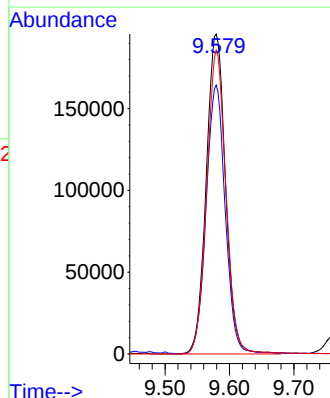
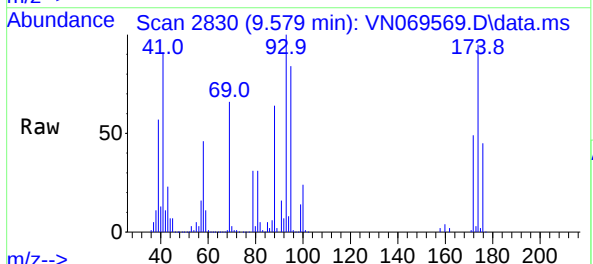
Tgt Ion: 93 Resp: 407416

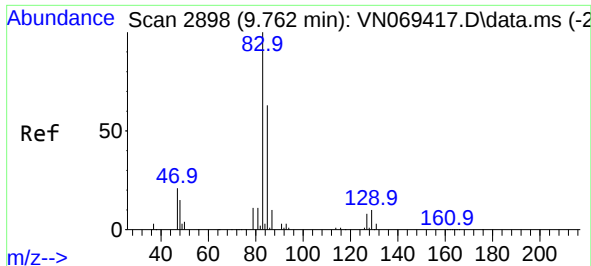
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

174 94.0 84.6 127.0





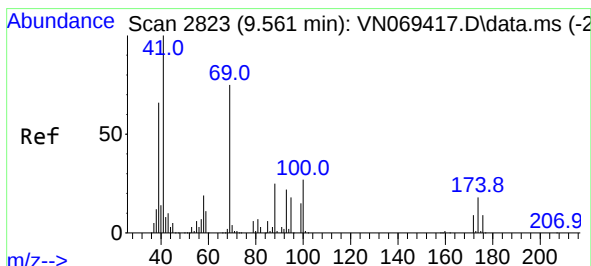
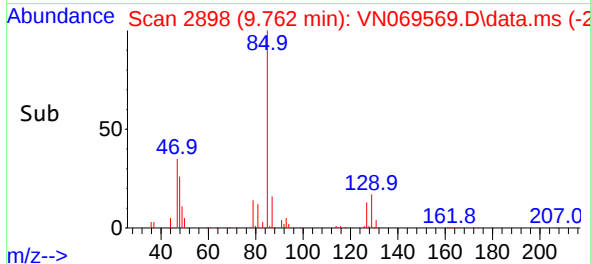
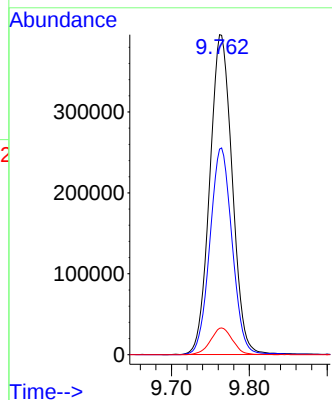
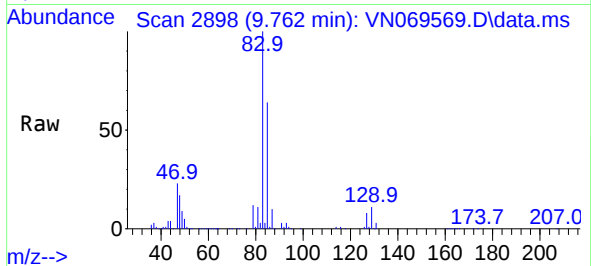
#47
Bromodichloromethane
Concen: 52.939 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 790623
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3
127 8.3 7.1 10.7

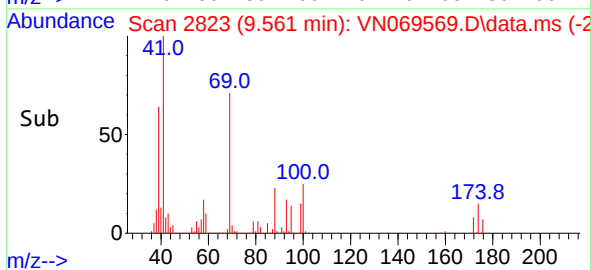
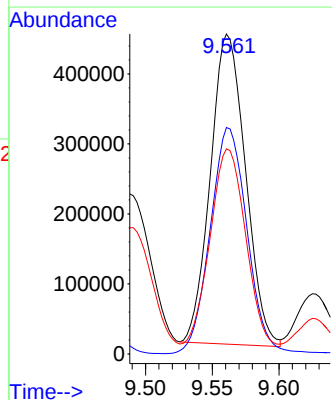
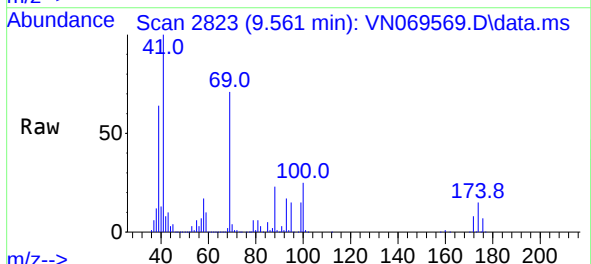
Manual Integrations
APPROVED

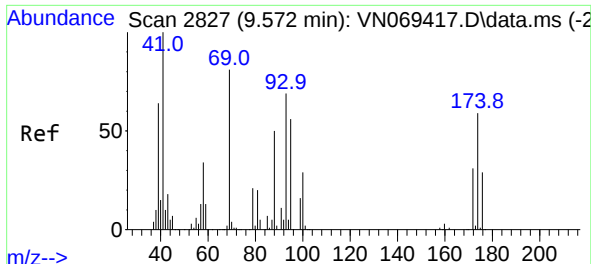
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#48
Methyl methacrylate
Concen: 54.759 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

Tgt Ion: 41 Resp: 810500
Ion Ratio Lower Upper
41 100
69 76.7 72.4 108.6
39 69.4 58.4 87.6





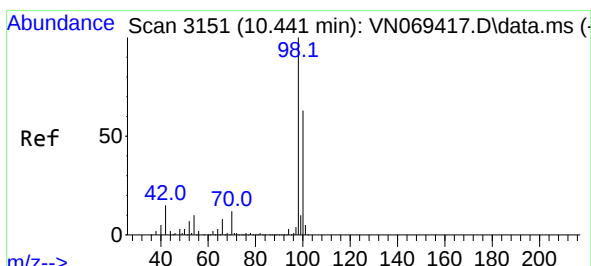
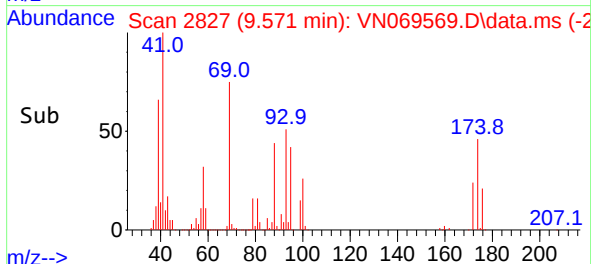
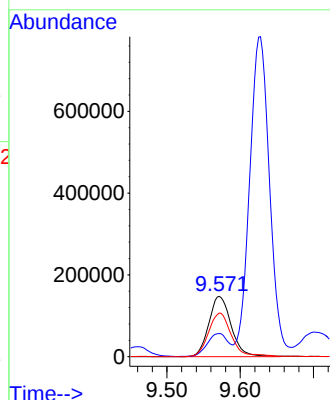
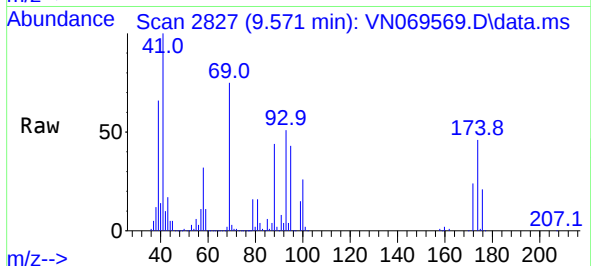
#49
1,4-Dioxane
Concen: 1063.948 ug/l
RT: 9.571 min Scan# 212844
Delta R.T. -0.001 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 312844
Ion Ratio Lower Upper
88 100
43 35.8 23.4 35.2
58 74.5 50.6 75.8

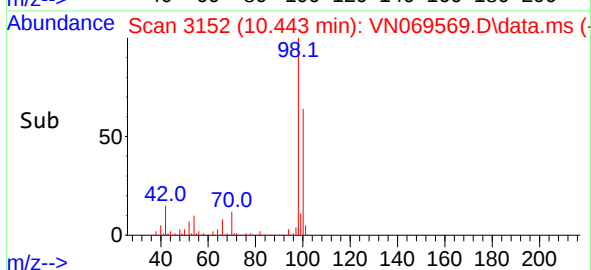
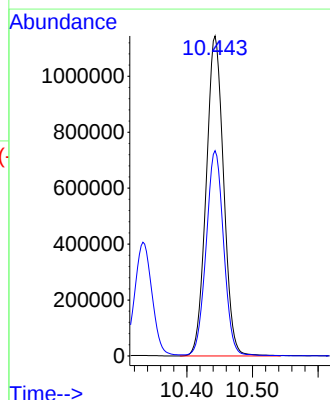
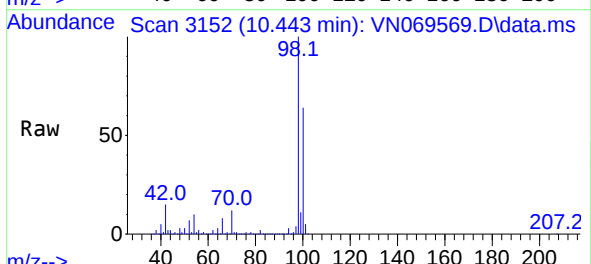
Manual Integrations
APPROVED

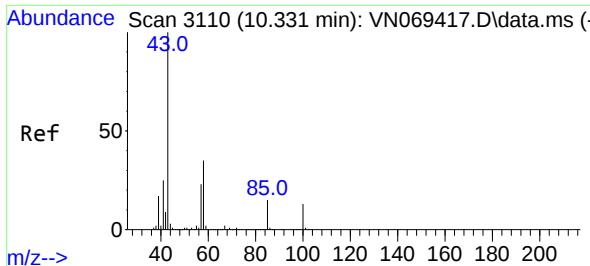
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#50
Toluene-d8
Concen: 52.026 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

Tgt Ion: 98 Resp: 2113206
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6





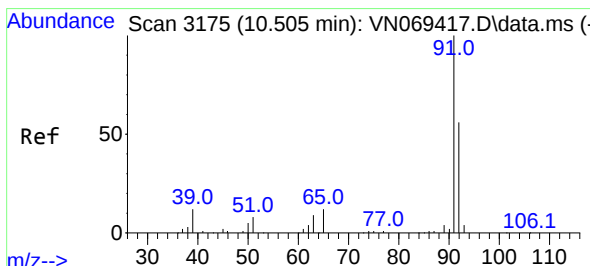
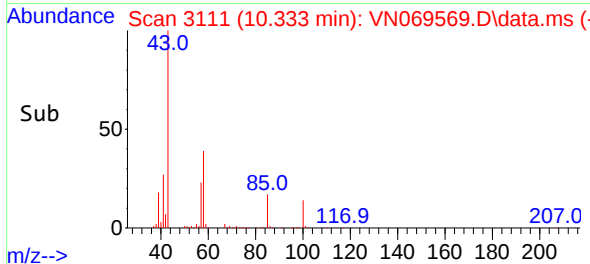
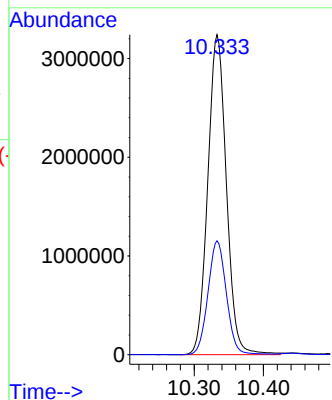
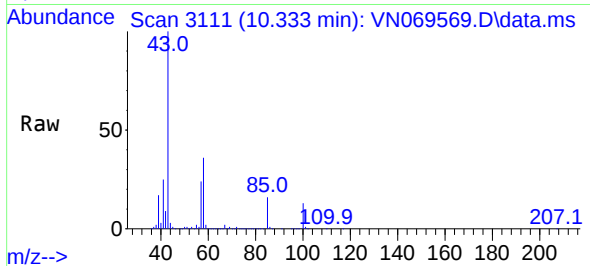
#51
4-Methyl-2-Pentanone
Concen: 297.313 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 603735
Ion Ratio Lower Upper
43 100
58 35.3 30.4 45.6

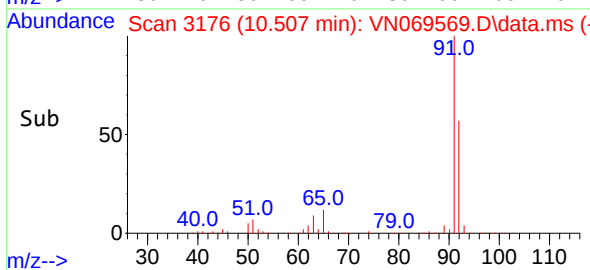
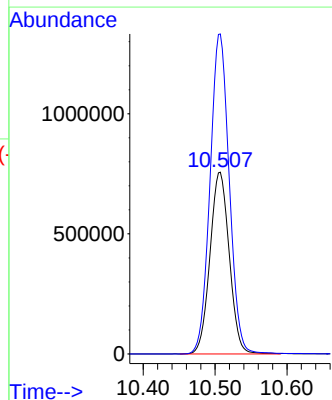
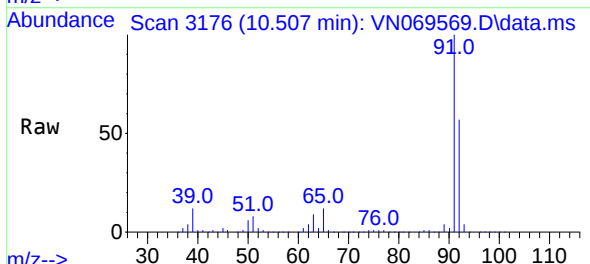
Manual Integrations
APPROVED

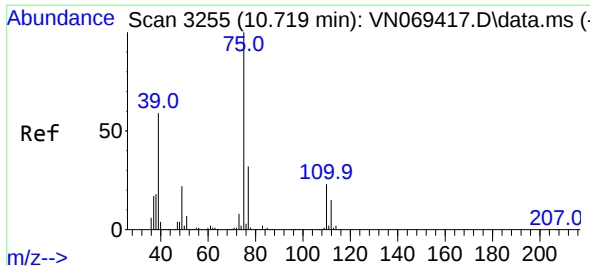
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#52
Toluene
Concen: 50.515 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

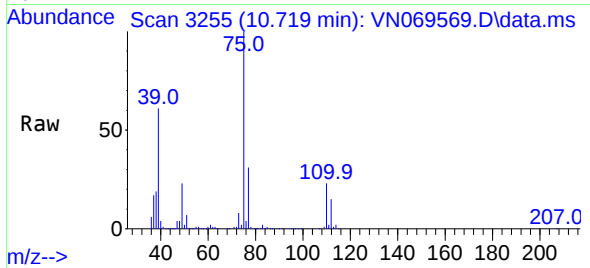
Tgt Ion: 92 Resp: 1407426
Ion Ratio Lower Upper
92 100
91 175.8 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 44.596 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

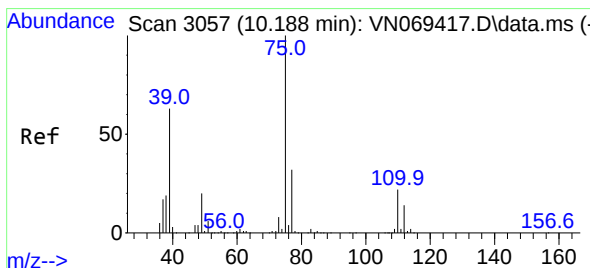
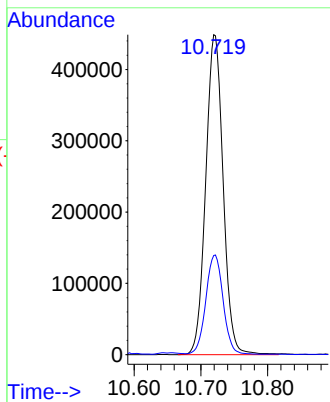
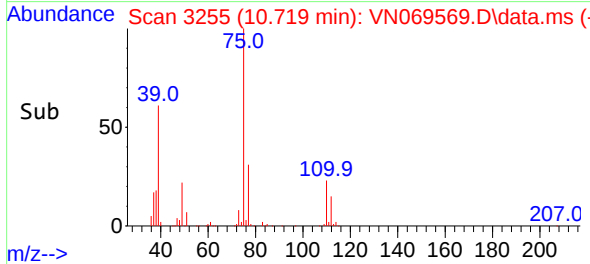
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



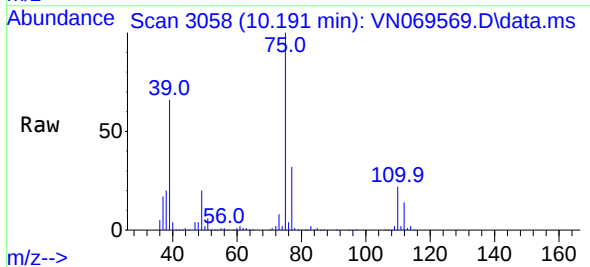
Tgt Ion: 75 Resp: 81338
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4

Manual Integrations
APPROVED

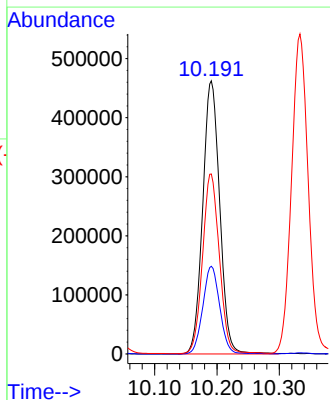
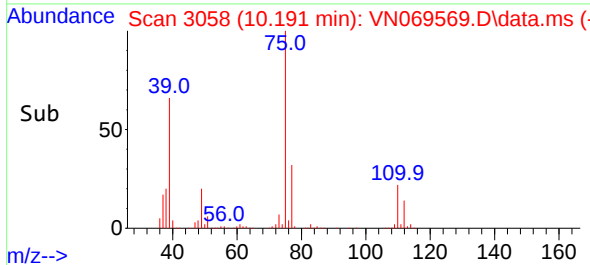
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

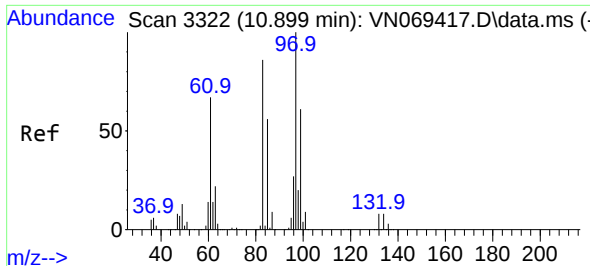


#54
cis-1,3-Dichloropropene
Concen: 45.517 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



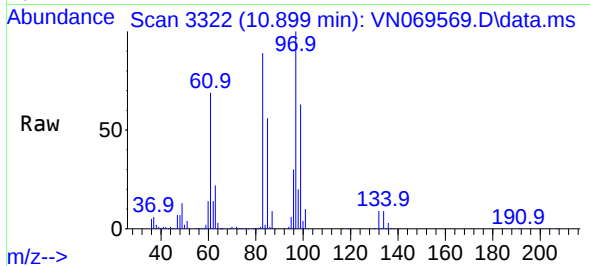
Tgt Ion: 75 Resp: 877647
Ion Ratio Lower Upper
75 100
77 32.1 26.4 39.6
39 65.8 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 53.458 ug/l
RT: 10.899 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

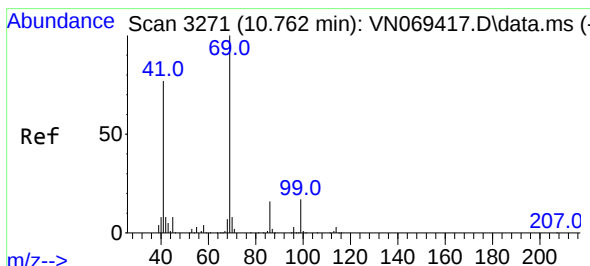
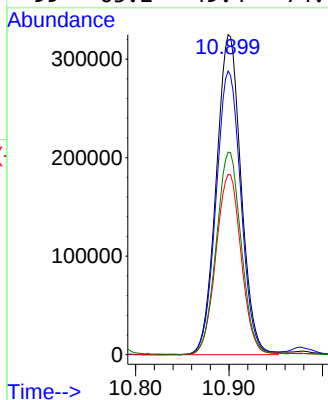
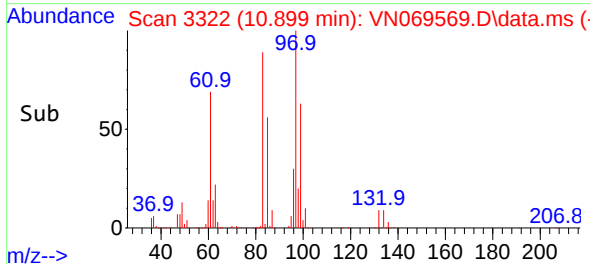
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



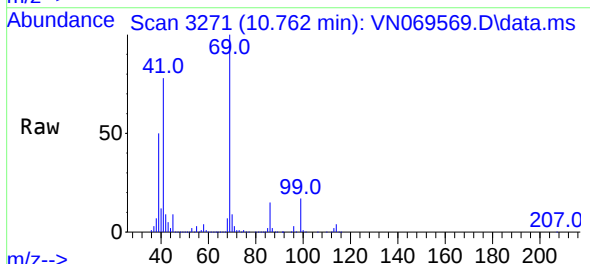
Tgt Ion: 97 Resp: 600397
Ion Ratio Lower Upper
97 100
83 88.6 67.8 101.6
85 56.2 45.4 68.2
99 63.2 49.4 74.0

Manual Integrations
APPROVED

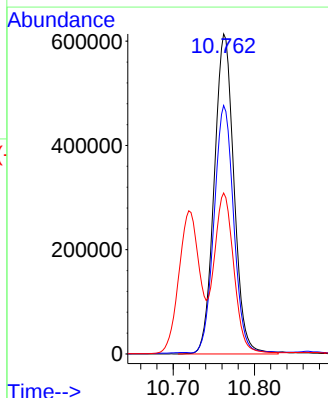
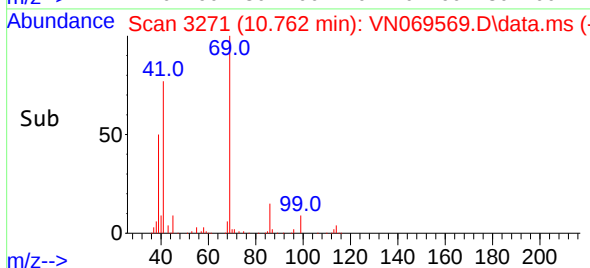
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

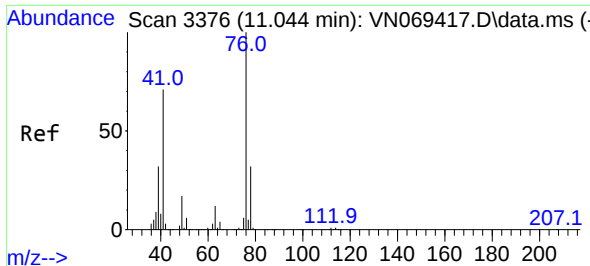


#56
Ethyl methacrylate
Concen: 48.939 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



Tgt Ion: 69 Resp: 1034858
Ion Ratio Lower Upper
69 100
41 76.9 51.4 77.0
39 49.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 52.844 ug/l

RT: 11.046 min Scan# 31

Delta R.T. 0.002 min

Lab File: VN069569.D

Acq: 18 Nov 2021 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 1042920

Ion Ratio Lower Upper

76 100

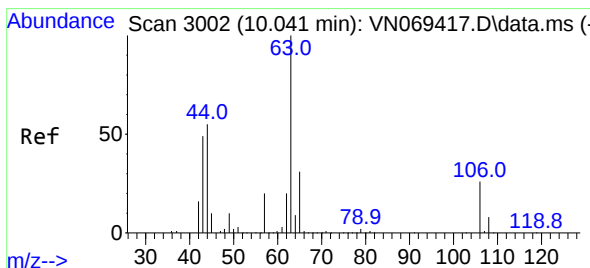
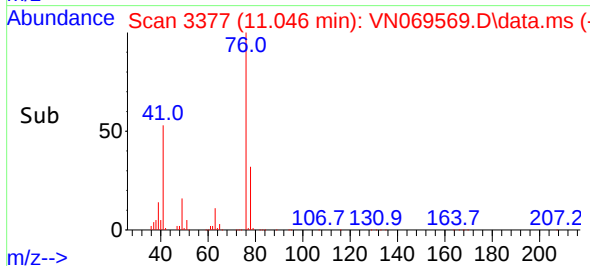
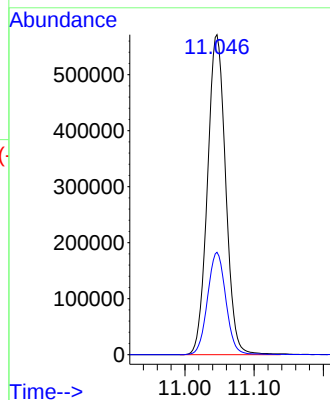
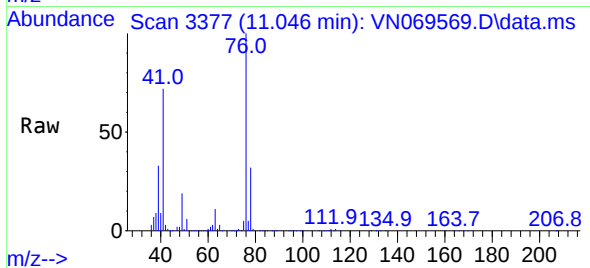
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#58

2-Chloroethyl Vinyl ether

Concen: 223.006 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069569.D

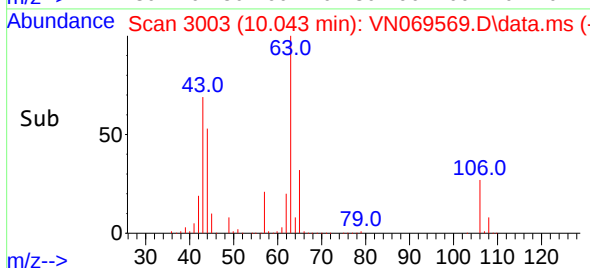
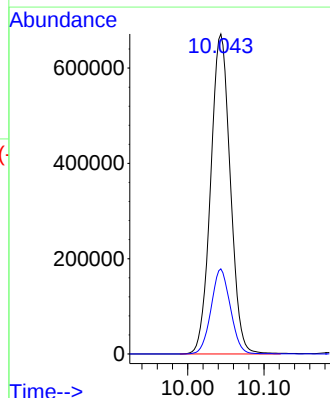
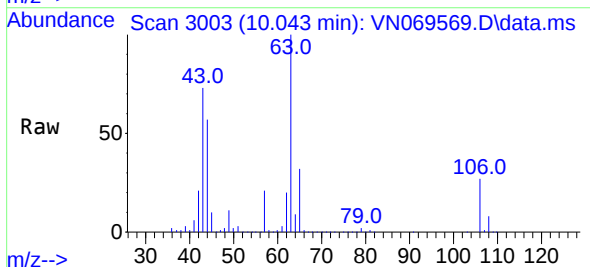
Acq: 18 Nov 2021 22:58

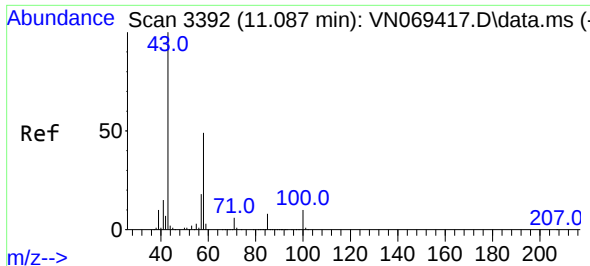
Tgt Ion: 63 Resp: 1198941

Ion Ratio Lower Upper

63 100

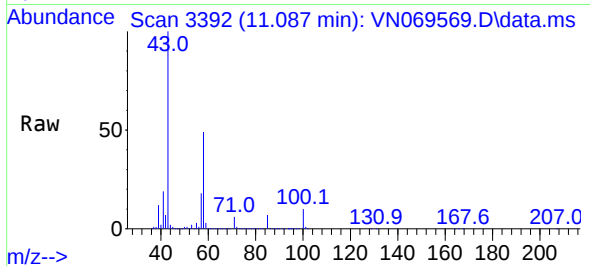
106 26.1 23.9 35.9





#59
2-Hexanone
Concen: 260.212 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

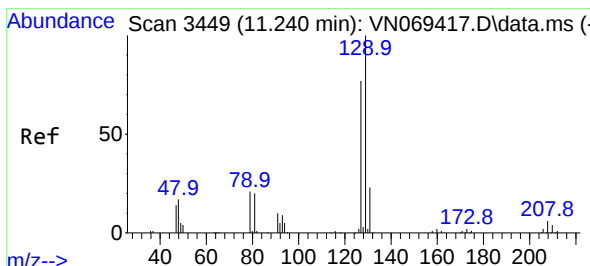
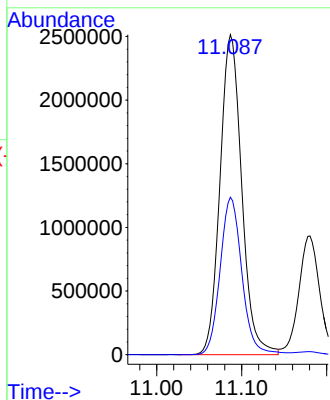
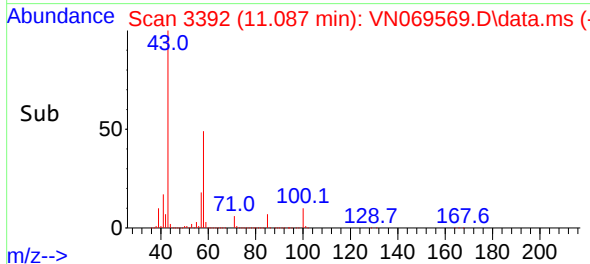
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 4467204
Ion Ratio Lower Upper
43 100
58 49.3 26.9 80.7

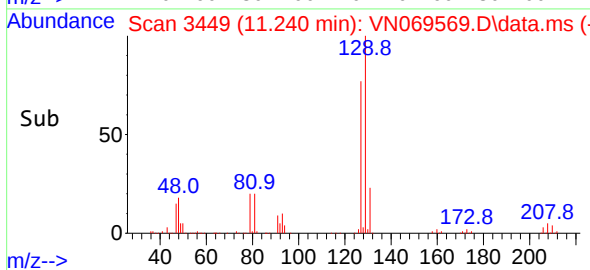
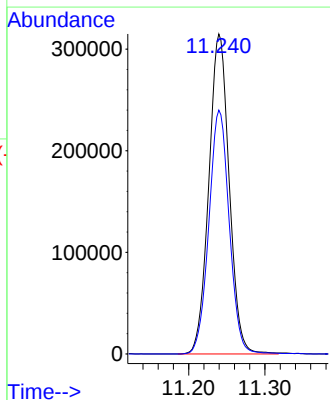
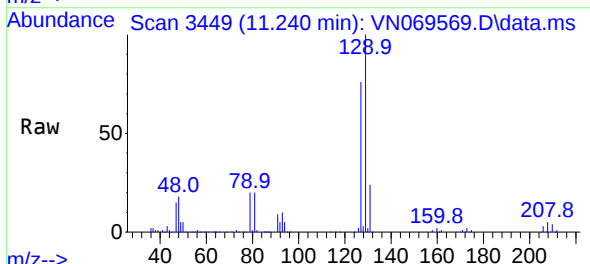
Manual Integrations
APPROVED

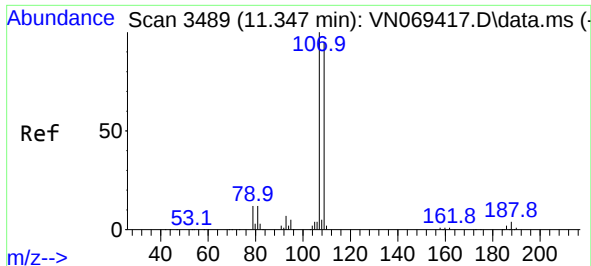
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#60
Dibromochloromethane
Concen: 47.444 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.001 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

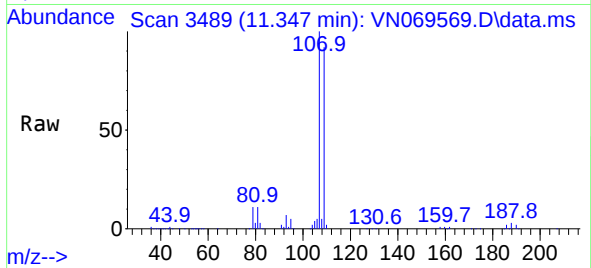
Tgt Ion:129 Resp: 583244
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.501 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

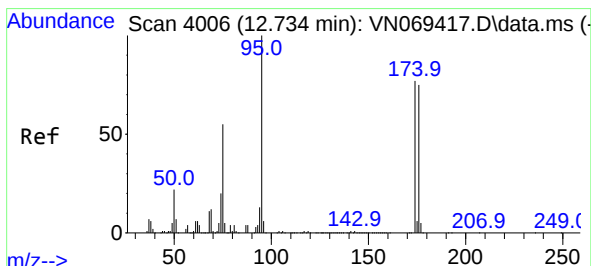
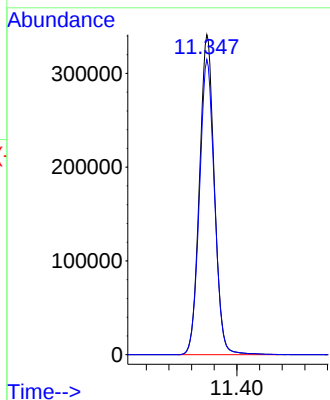
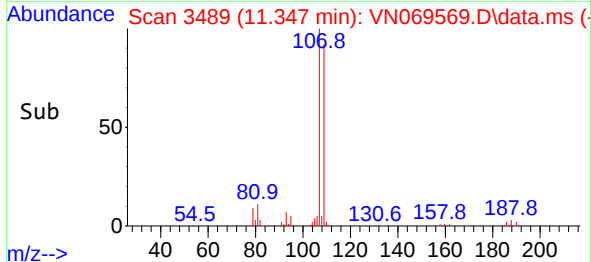
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



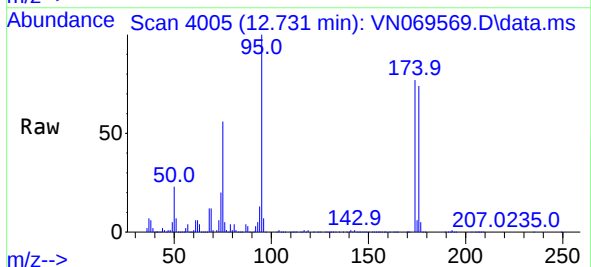
Tgt Ion:107 Resp: 620405
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

Manual Integrations
APPROVED

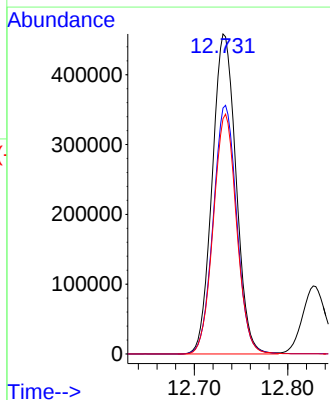
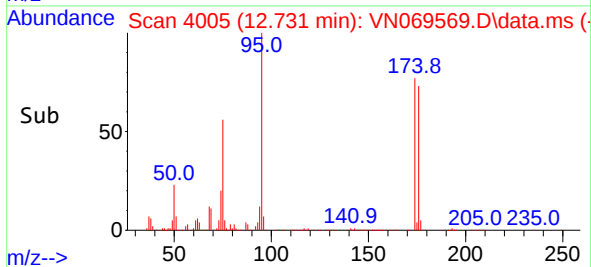
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

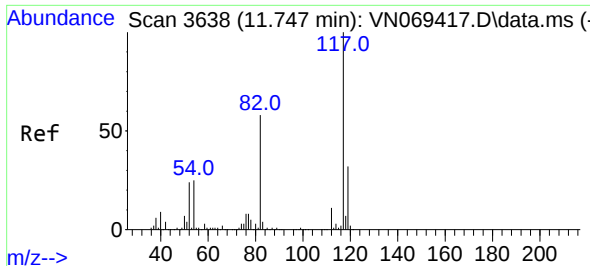


#62
4-Bromofluorobenzene
Concen: 54.436 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



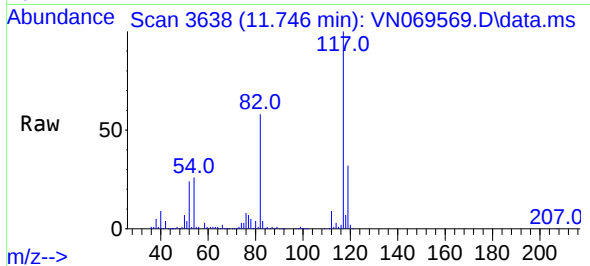
Tgt Ion: 95 Resp: 812272
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

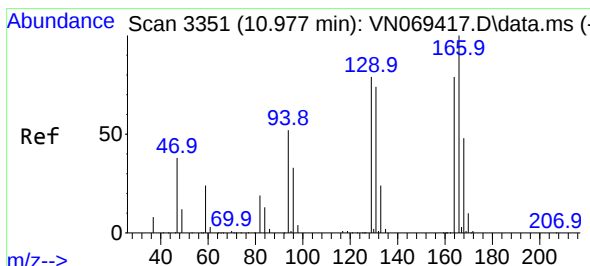
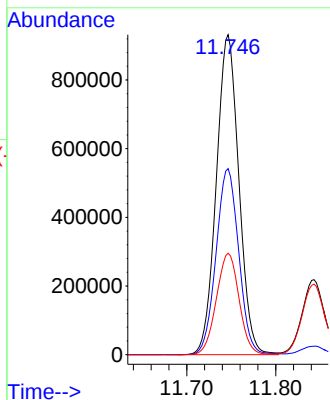
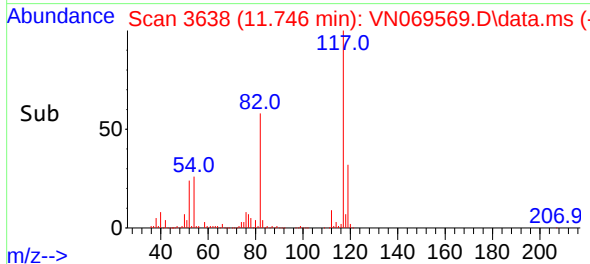
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



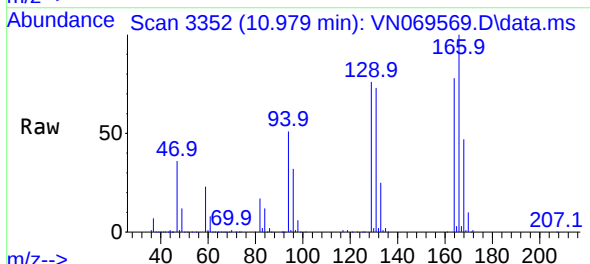
Tgt Ion:117 Resp: 164325
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 31.7 25.4 38.2

Manual Integrations
APPROVED

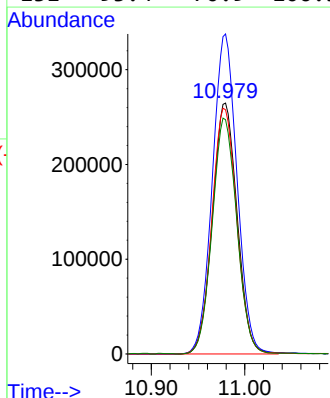
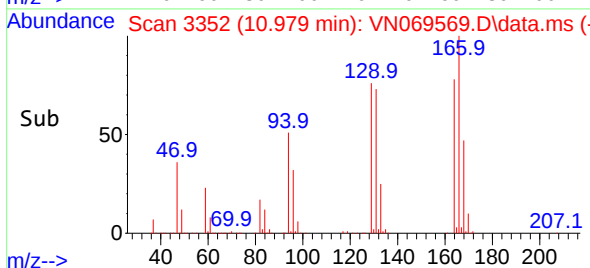
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#64
Tetrachloroethene
Concen: 49.010 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.002 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



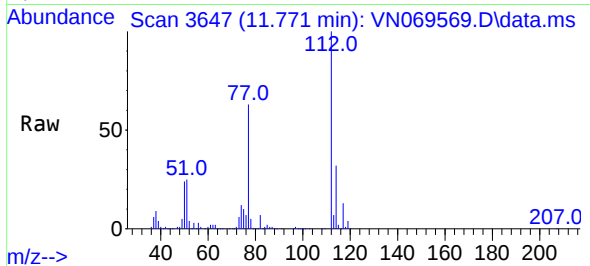
Tgt Ion:164 Resp: 486282
Ion Ratio Lower Upper
164 100
166 127.6 101.9 152.9
129 97.3 72.0 108.0
131 93.4 70.9 106.3





#65
Chlorobenzene
Concen: 50.373 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

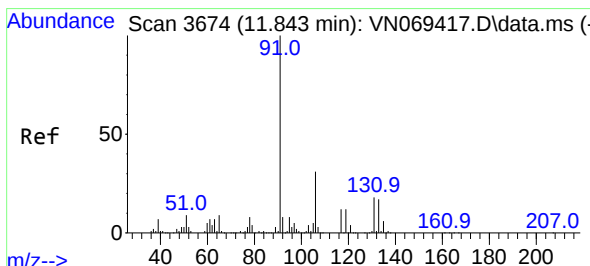
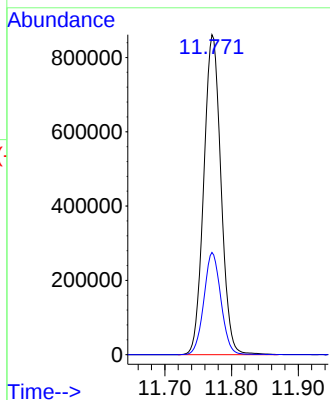
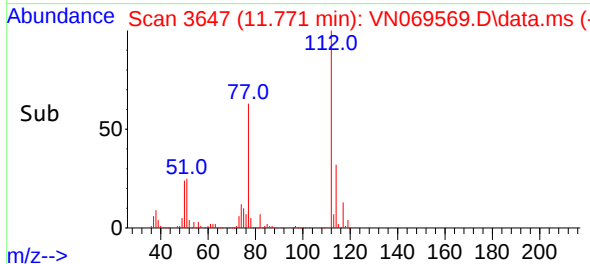
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



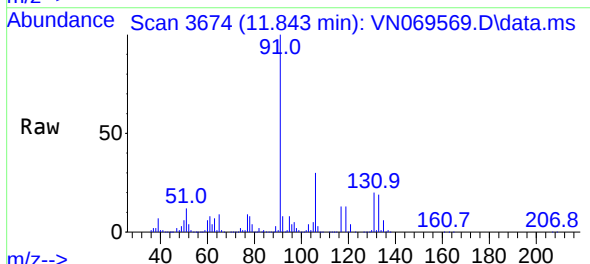
Tgt Ion:112 Resp: 1540740
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

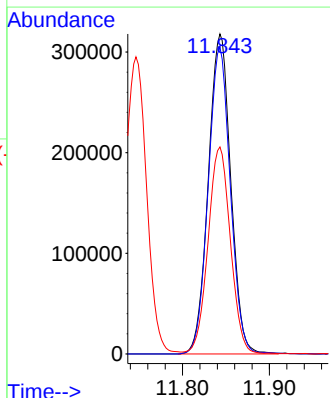
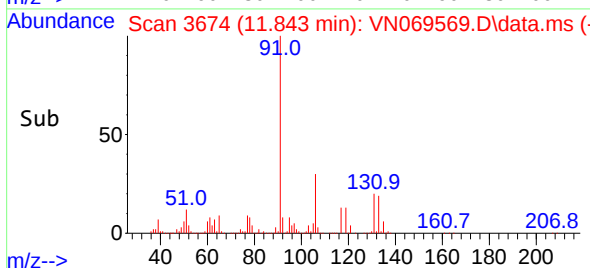
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

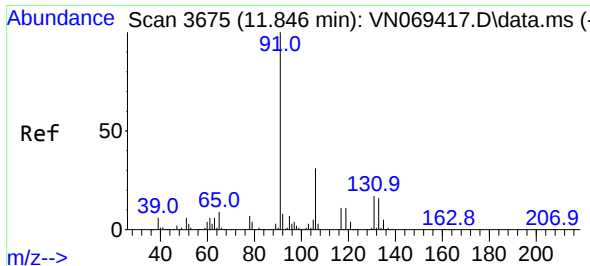


#66
1,1,1,2-Tetrachloroethane
Concen: 53.719 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



Tgt Ion:131 Resp: 569910
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 64.0 32.1 96.5





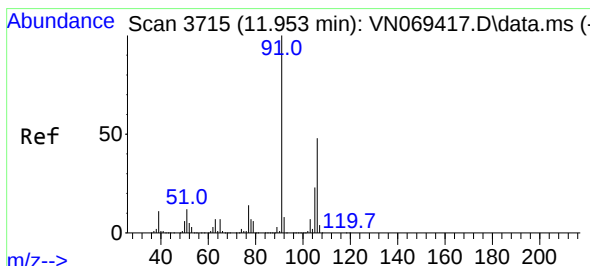
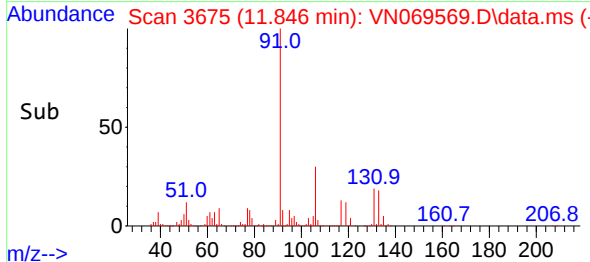
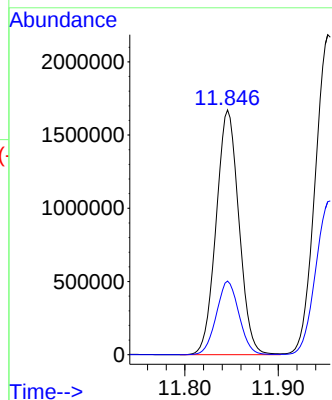
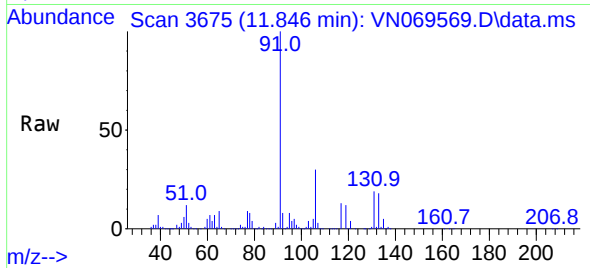
#67
Ethyl Benzene
Concen: 50.193 ug/l
RT: 11.846 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 2831469
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

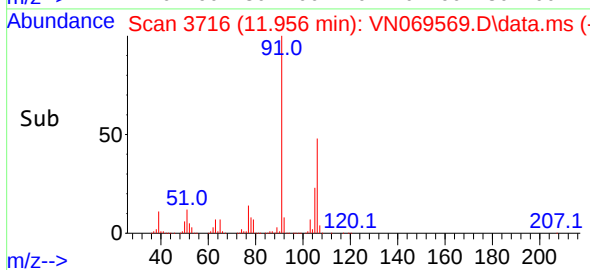
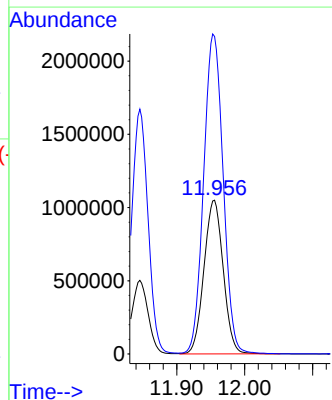
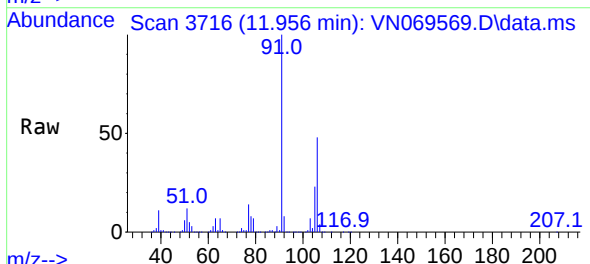
Manual Integrations
APPROVED

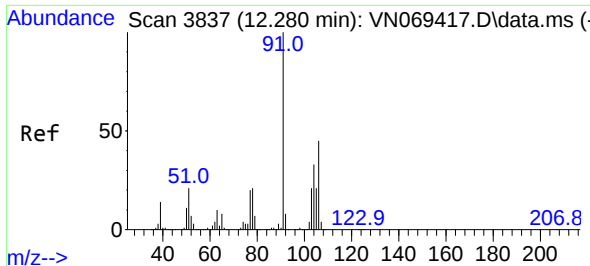
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#68
m/p-Xylenes
Concen: 99.566 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

Tgt Ion:106 Resp: 2065747
Ion Ratio Lower Upper
106 100
91 211.1 160.6 240.8





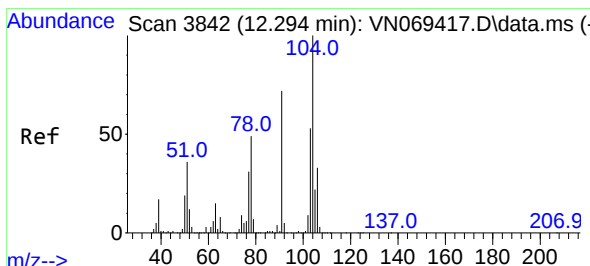
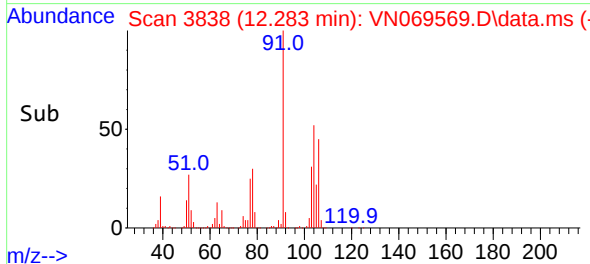
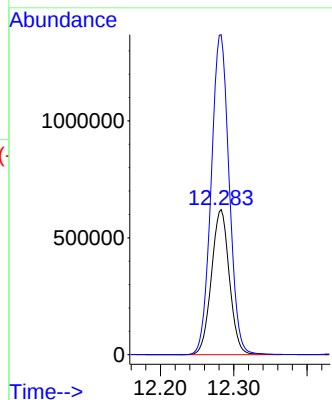
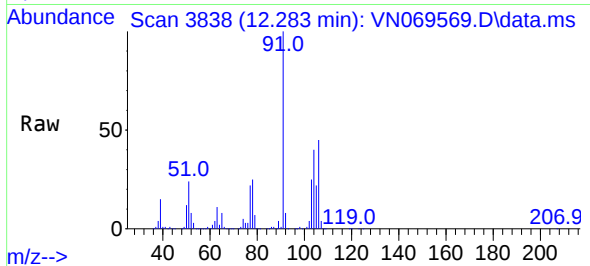
#69
o-Xylene
Concen: 51.038 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 105566
Ion Ratio Lower Upper
106 100
91 221.6 105.8 317.3

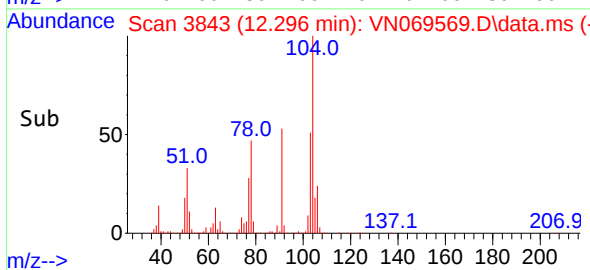
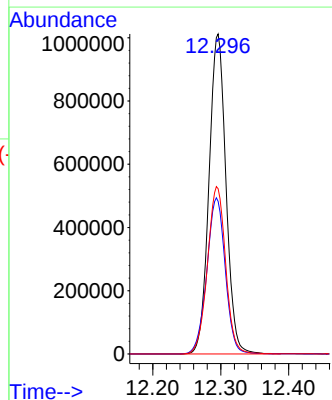
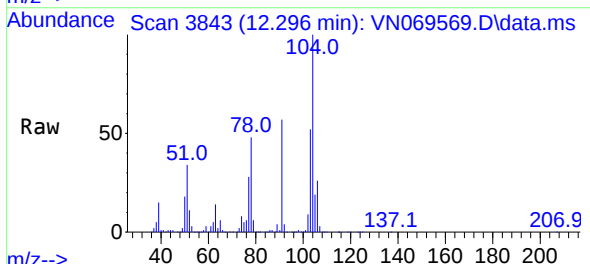
Manual Integrations
APPROVED

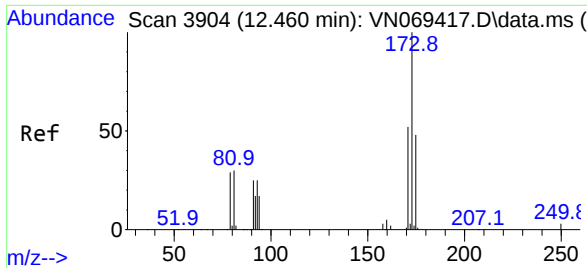
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#70
Styrene
Concen: 47.362 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

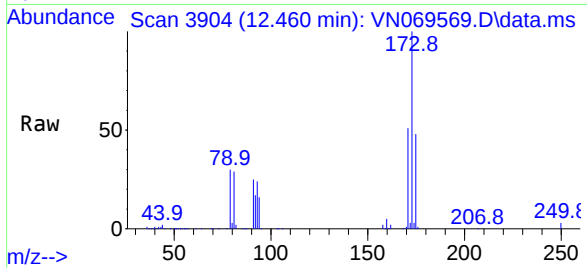
Tgt Ion:104 Resp: 1755823
Ion Ratio Lower Upper
104 100
78 53.1 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 46.506 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

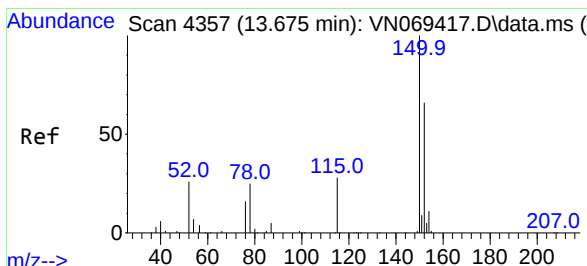
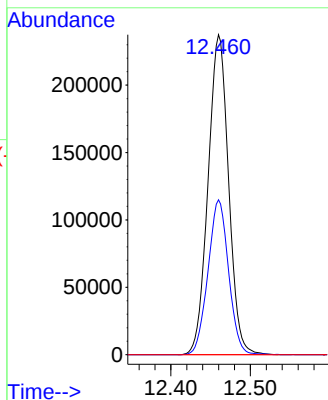
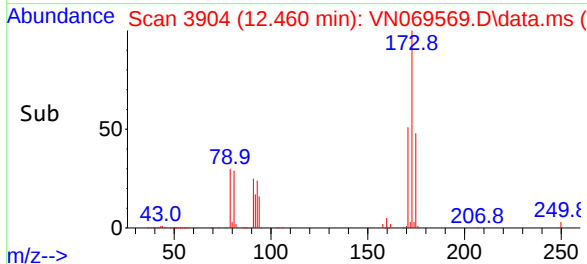
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



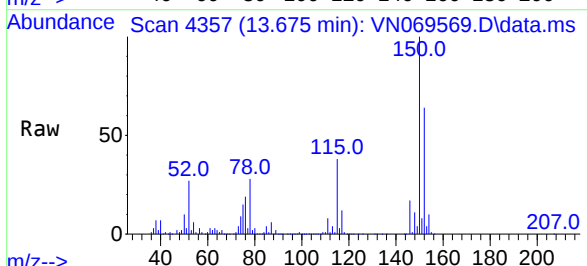
Tgt Ion:173 Resp: 426035
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

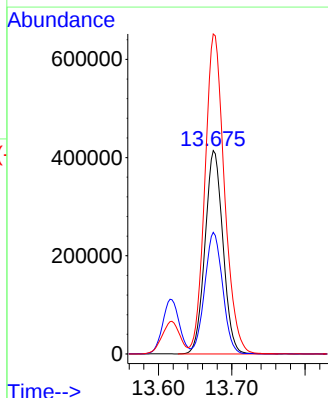
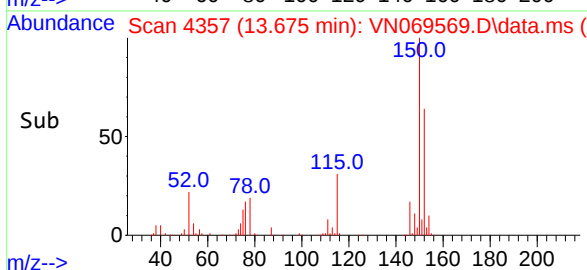
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

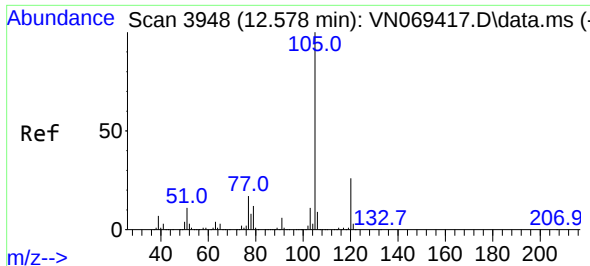


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



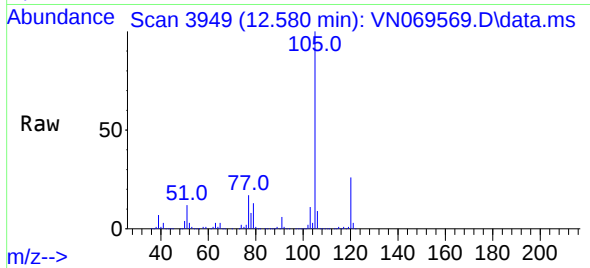
Tgt Ion:152 Resp: 704347
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 171.2 0.0 344.4





#73
Isopropylbenzene
Concen: 49.899 ug/l
RT: 12.580 min Scan# 3948
Delta R.T. 0.002 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

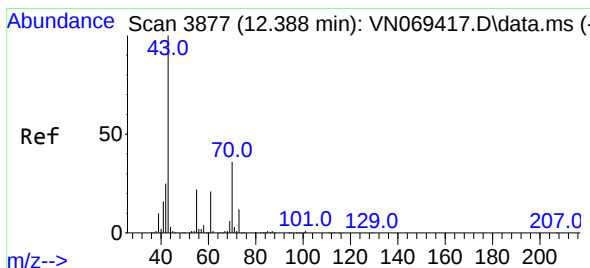
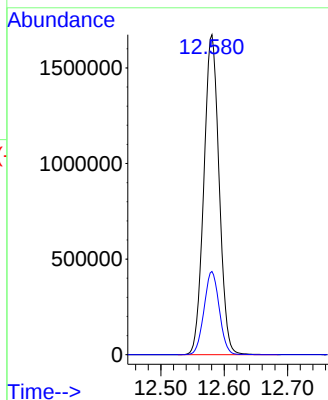
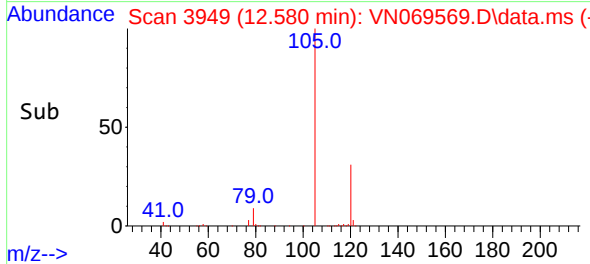
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



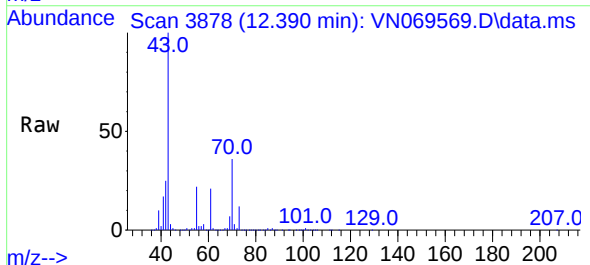
Tgt Ion:105 Resp: 2798372
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

Manual Integrations
APPROVED

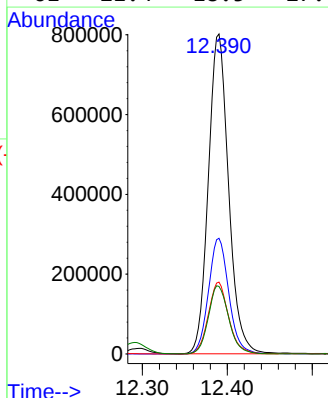
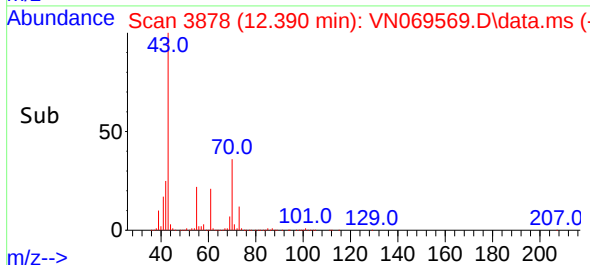
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

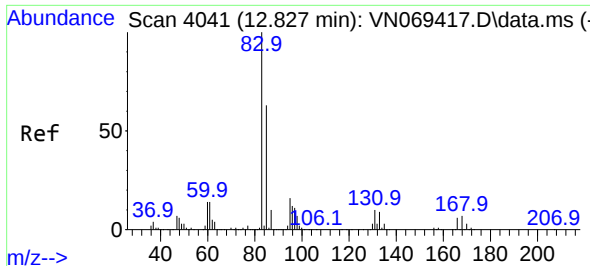


#74
N-ethyl acetate
Concen: 55.802 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



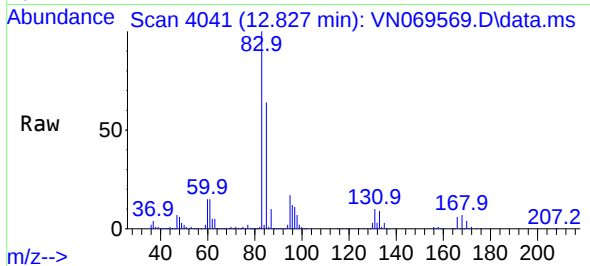
Tgt Ion: 43 Resp: 1326232
Ion Ratio Lower Upper
43 100
70 36.3 33.4 50.0
55 22.7 19.3 28.9
61 21.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 53.108 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

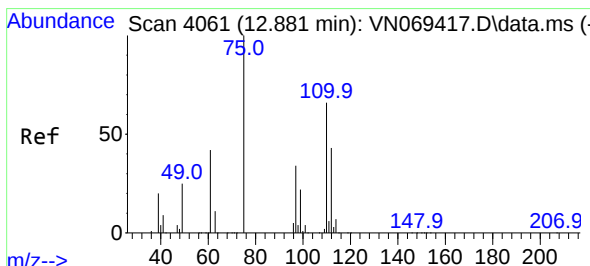
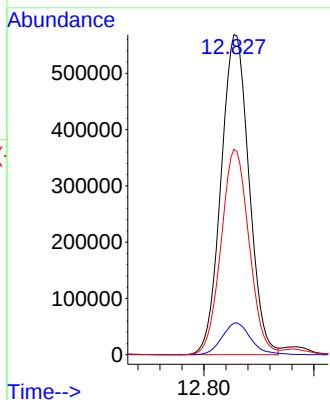
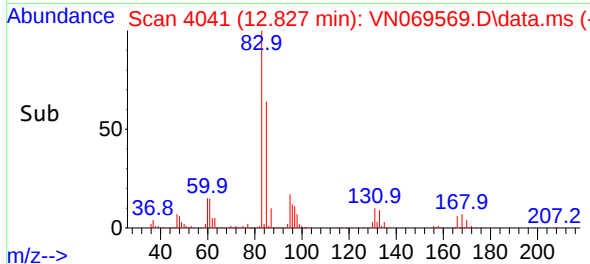
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



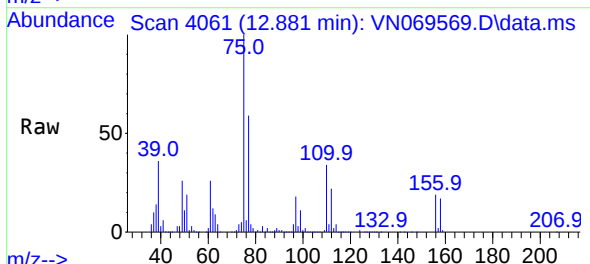
Tgt Ion: 83 Resp: 1004510
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 64.4 32.4 97.2

Manual Integrations
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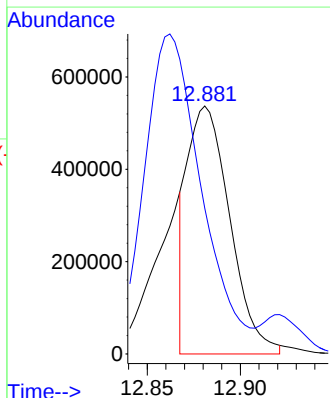
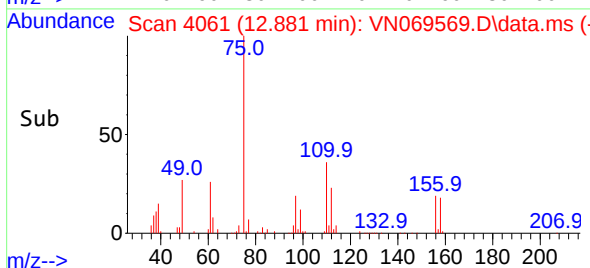
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#76
1,2,3-Trichloropropane
Concen: 52.458 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



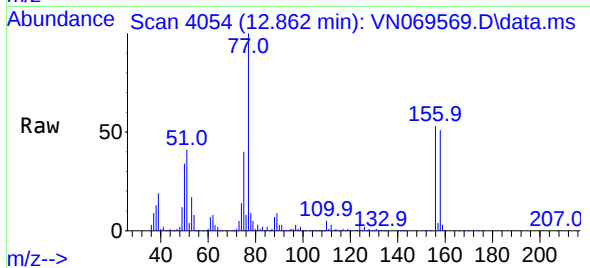
Tgt Ion: 75 Resp: 852692
Ion Ratio Lower Upper
75 100
77 174.1 82.6 247.8





#77
Bromobenzene
Concen: 51.231 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

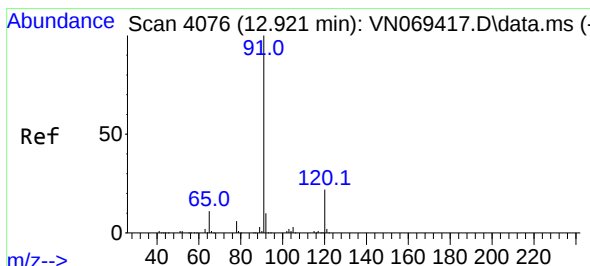
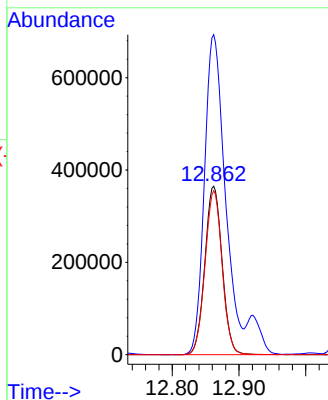
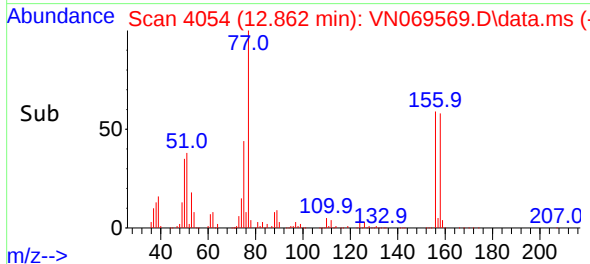
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



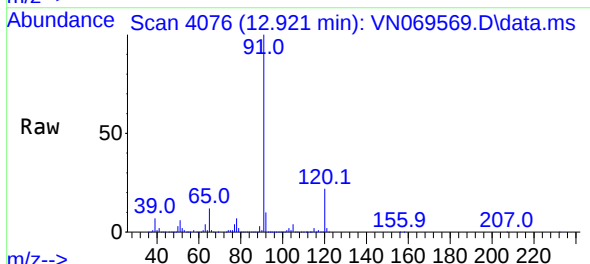
Tgt Ion:156 Resp: 657072
Ion Ratio Lower Upper
156 100
77 226.0 90.6 271.8
158 96.2 48.9 146.7

Manual Integrations
APPROVED

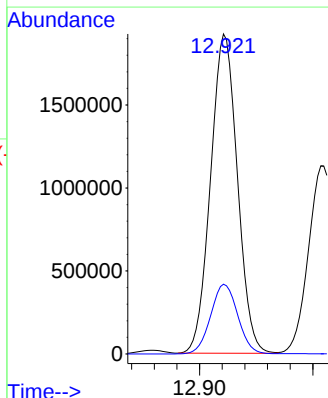
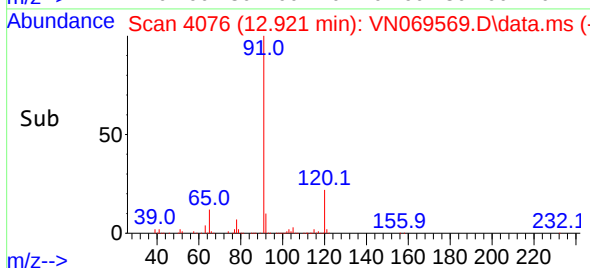
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

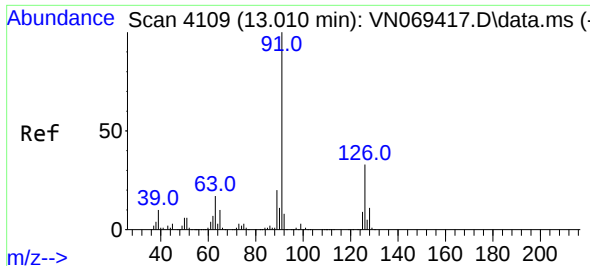


#78
n-propylbenzene
Concen: 50.117 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



Tgt Ion: 91 Resp: 3162521
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





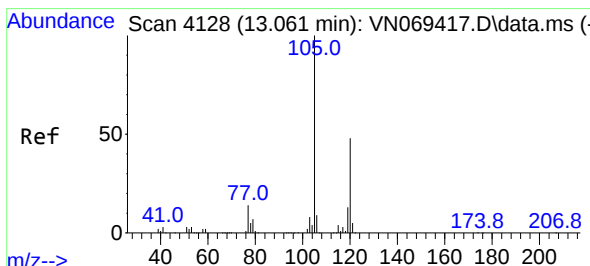
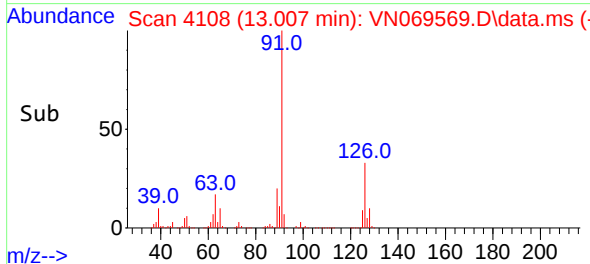
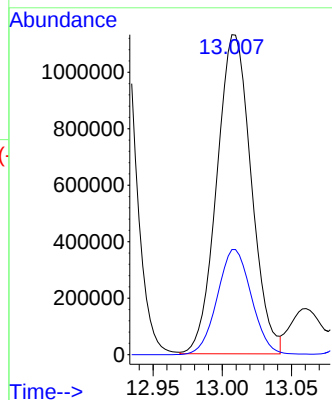
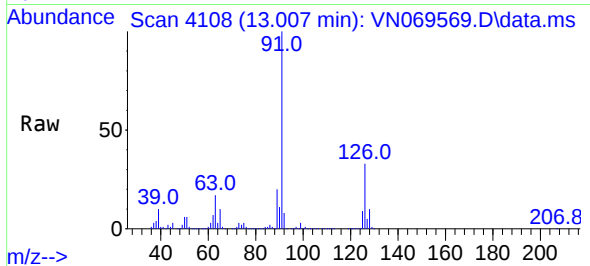
#79
2-Chlorotoluene
Concen: 50.078 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1956618
Ion Ratio Lower Upper
91 100
126 32.8 18.3 54.8

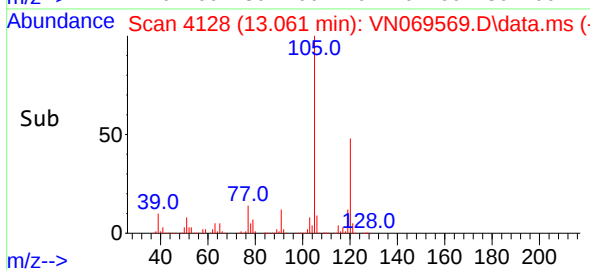
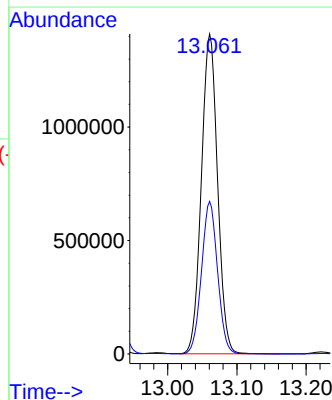
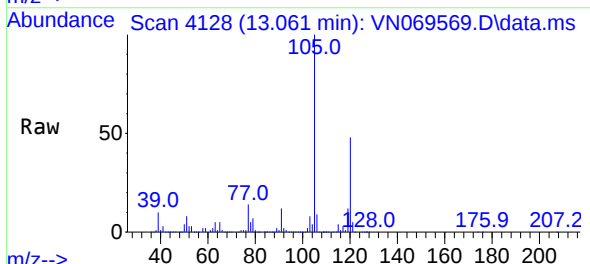
Manual Integrations
APPROVED

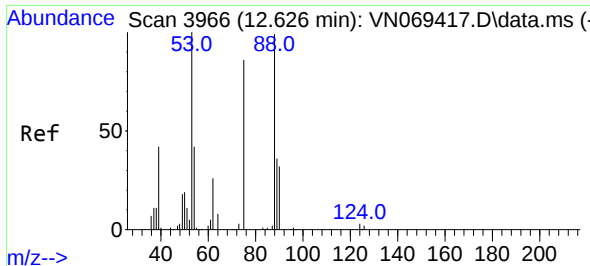
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#80
1,3,5-Trimethylbenzene
Concen: 50.395 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

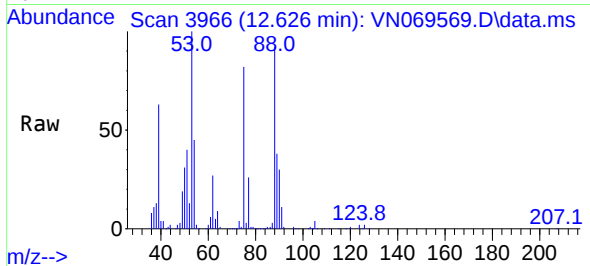
Tgt Ion:105 Resp: 2284765
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 45.621 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

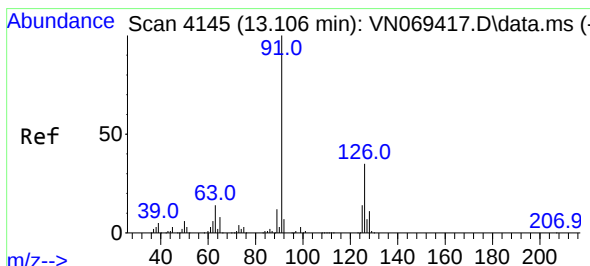
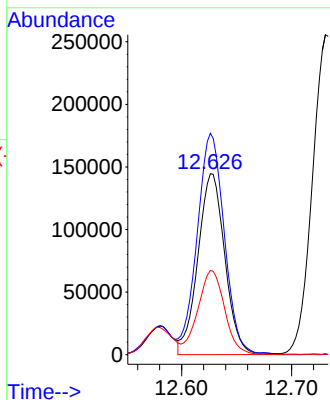
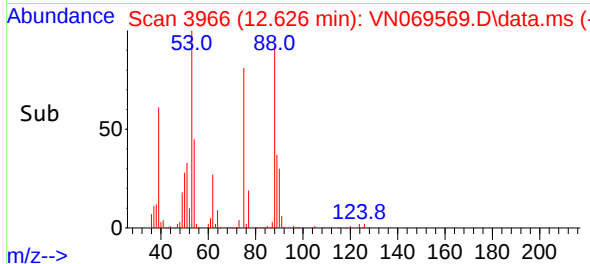
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



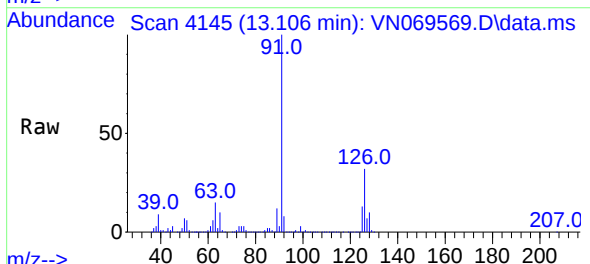
Tgt Ion: 75 Resp: 245994
Ion Ratio Lower Upper
75 100
53 123.8 90.5 135.7
89 46.3 38.2 57.4

Manual Integrations
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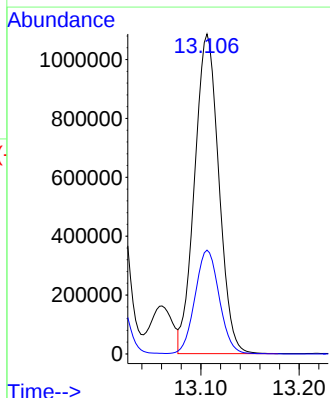
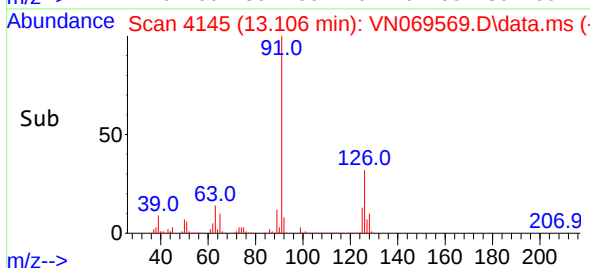
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#82
4-Chlorotoluene
Concen: 49.777 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



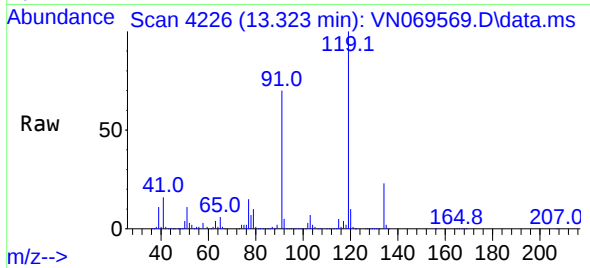
Tgt Ion: 91 Resp: 1854014
Ion Ratio Lower Upper
91 100
126 32.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 51.741 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.001 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

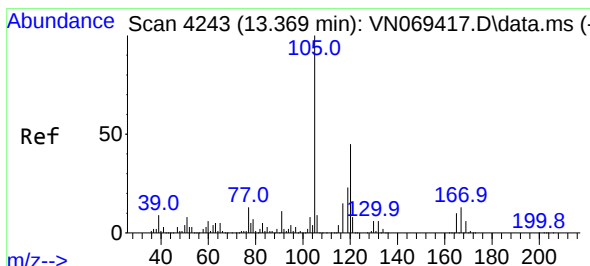
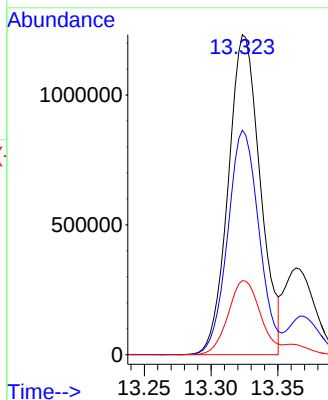
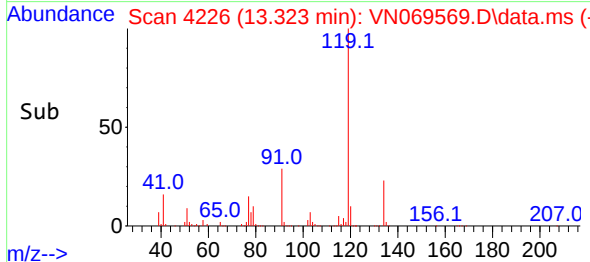
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



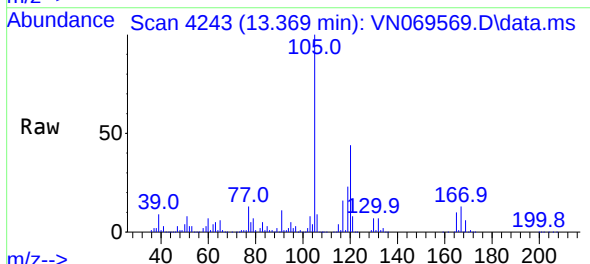
Tgt Ion:119 Resp: 205563
Ion Ratio Lower Upper
119 100
91 69.2 31.5 94.5
134 23.6 12.4 37.4

Manual Integrations
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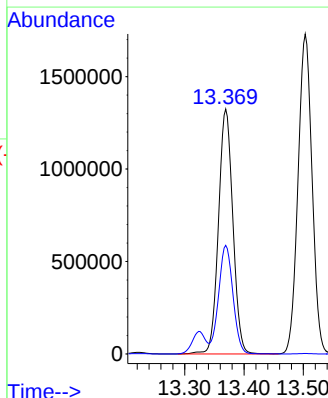
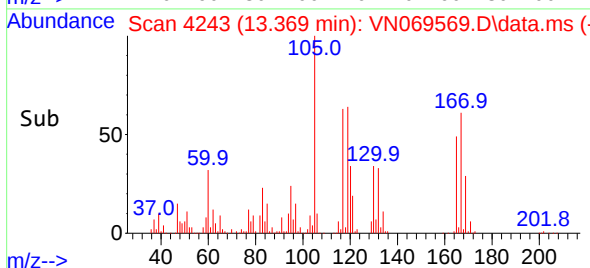
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#84
1,2,4-Trimethylbenzene
Concen: 51.042 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



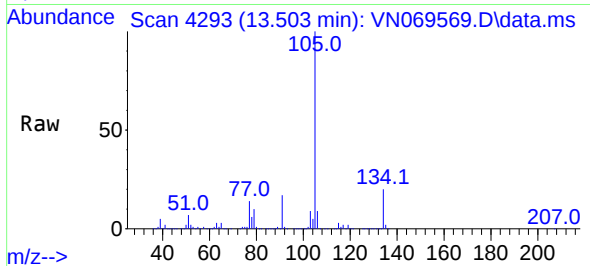
Tgt Ion:105 Resp: 2234002
Ion Ratio Lower Upper
105 100
120 44.5 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 51.023 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069569.D
 Acq: 18 Nov 2021 22:58

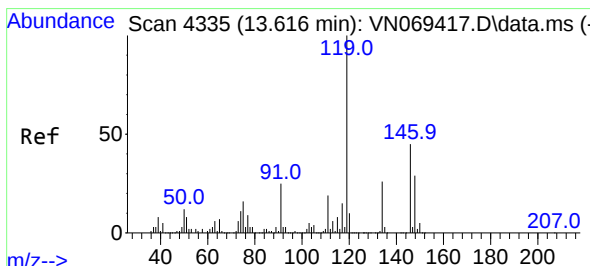
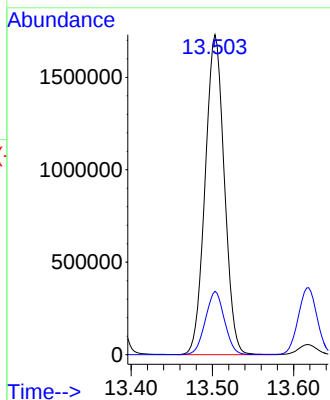
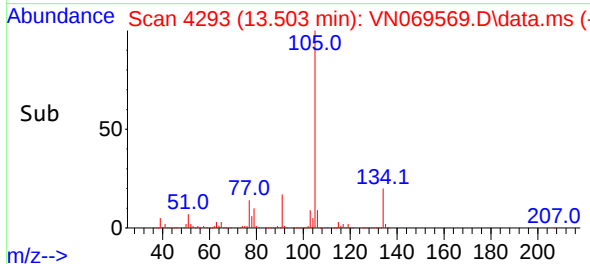
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



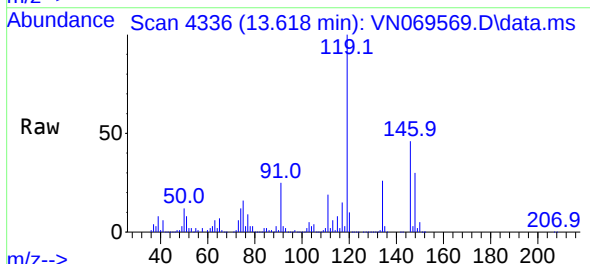
Tgt Ion:105 Resp: 2831729
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

Manual Integrations
 APPROVED

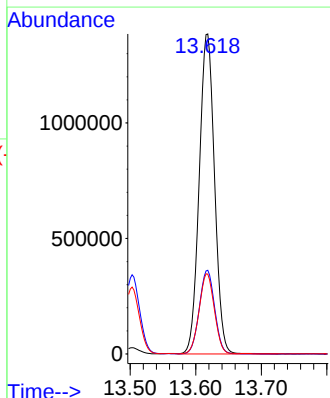
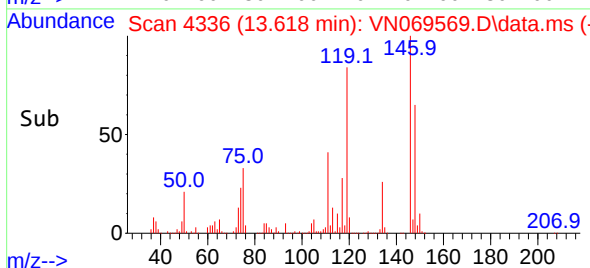
Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021

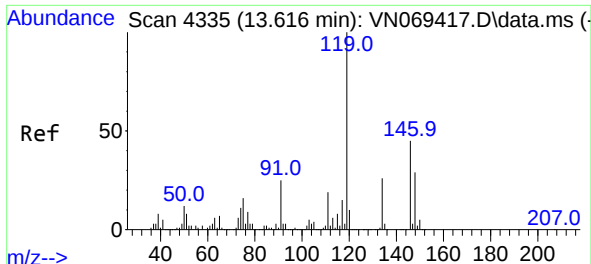


#86
 p-Isopropyltoluene
 Concen: 50.942 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.002 min
 Lab File: VN069569.D
 Acq: 18 Nov 2021 22:58



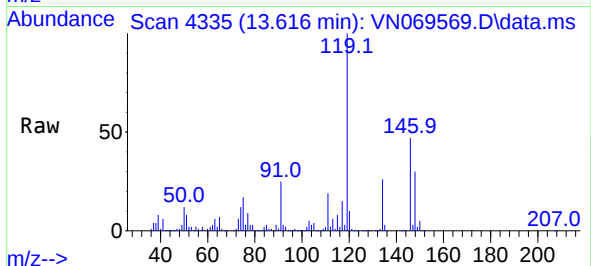
Tgt Ion:119 Resp: 2244346
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 24.8 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 50.094 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

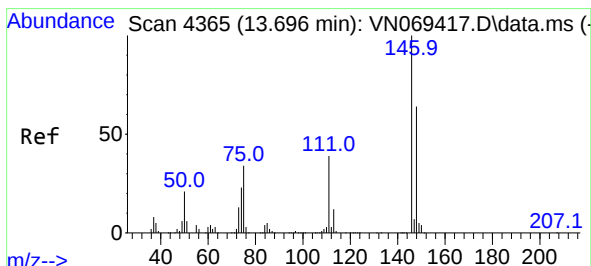
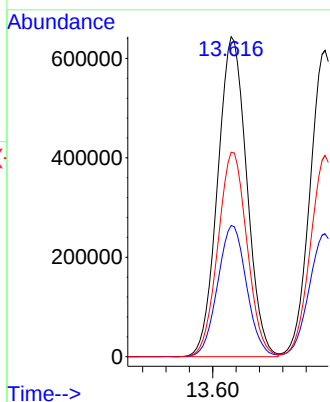
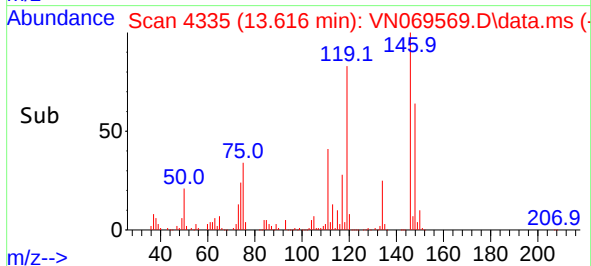
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



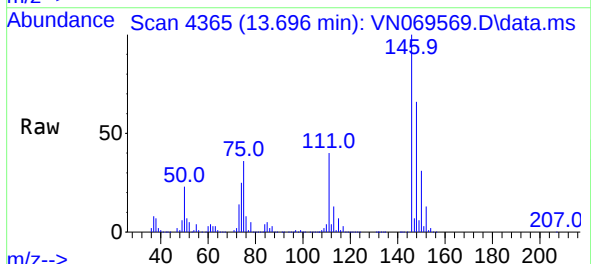
Tgt Ion:146 Resp: 111391
Ion Ratio Lower Upper
146 100
111 40.9 18.6 55.6
148 64.0 31.6 95.0

Manual Integrations
APPROVED

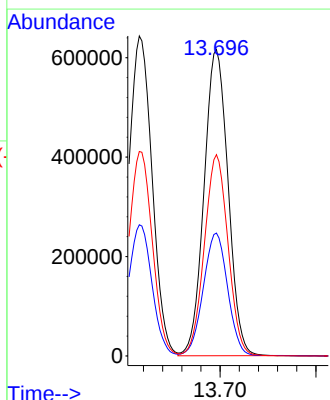
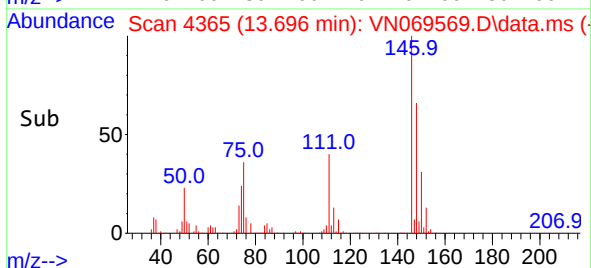
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

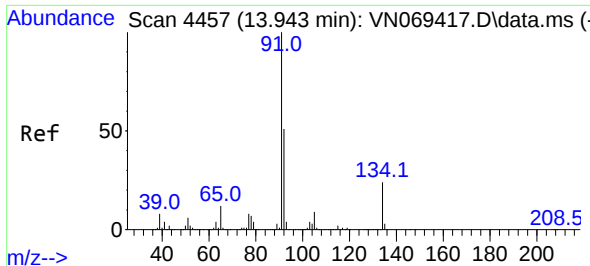


#88
1,4-Dichlorobenzene
Concen: 49.149 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



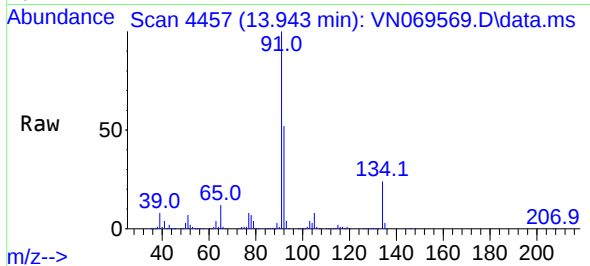
Tgt Ion:146 Resp: 1072164
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 64.9 31.8 95.4





#89
n-Butylbenzene
Concen: 48.976 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

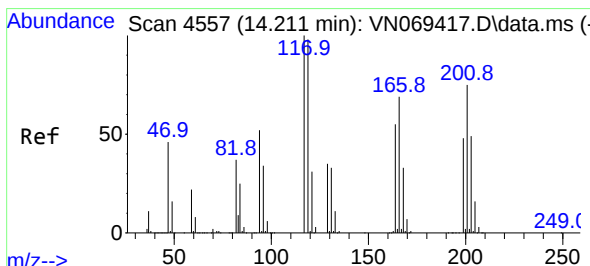
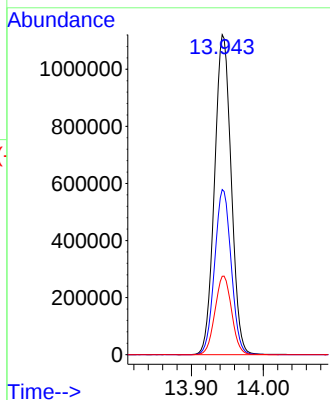
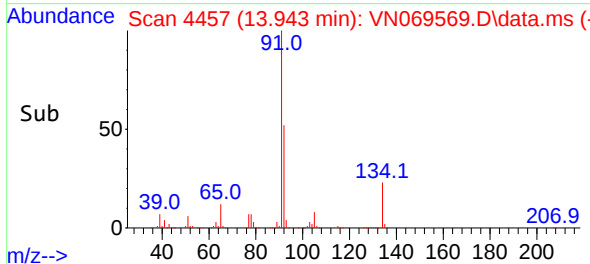
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



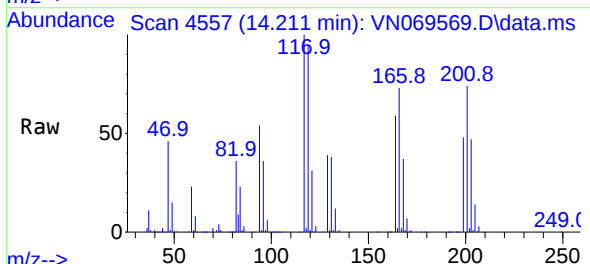
Tgt Ion: 91 Resp: 1799350
Ion Ratio Lower Upper
91 100
92 51.4 25.4 76.0
134 24.6 13.6 40.8

Manual Integrations
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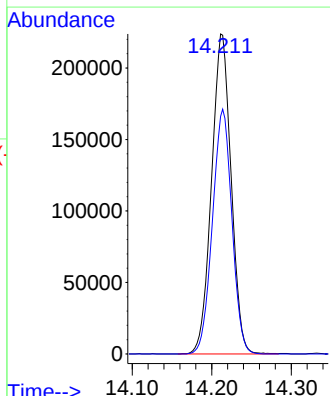
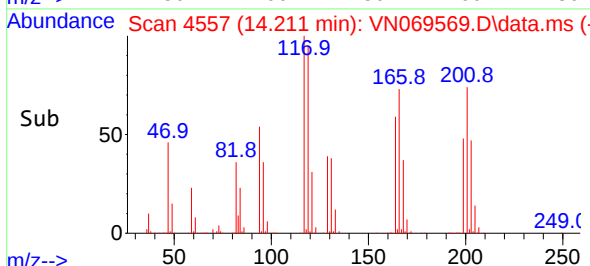
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

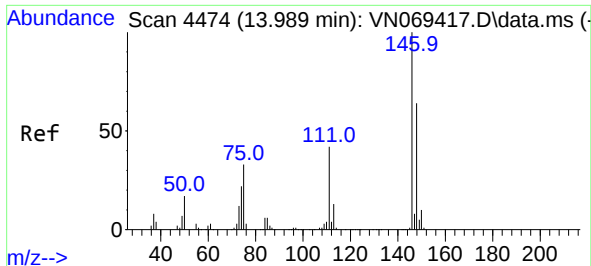


#90
Hexachloroethane
Concen: 47.299 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



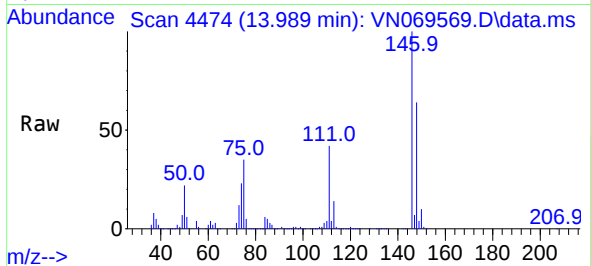
Tgt Ion:117 Resp: 382045
Ion Ratio Lower Upper
117 100
201 76.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 51.893 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

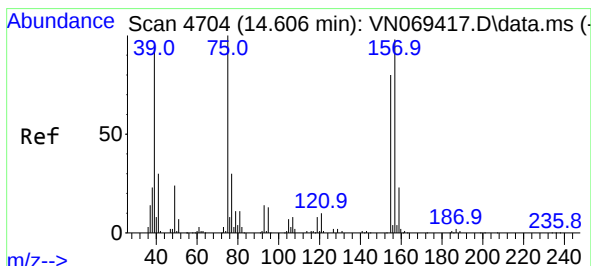
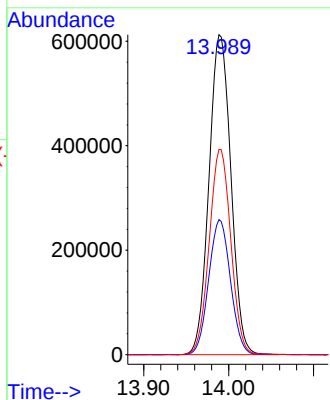
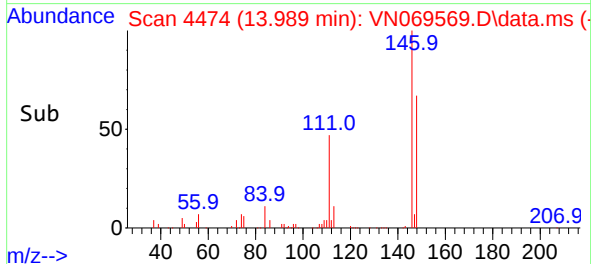
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MSVOA_N
ClientSampleId :
VSTDCCC050



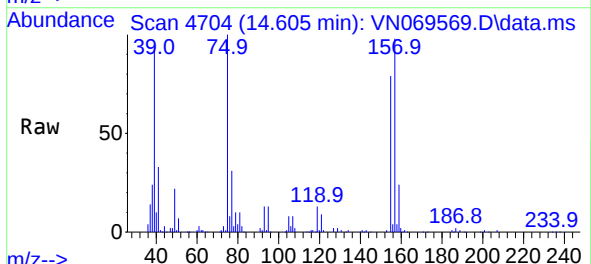
Tgt Ion:146 Resp: 109800
Ion Ratio Lower Upper
146 100
111 42.0 19.1 57.3
148 63.4 32.1 96.3

Manual Integrations
APPROVED

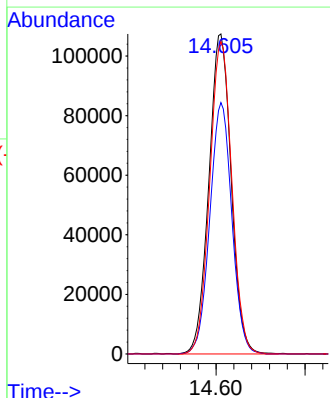
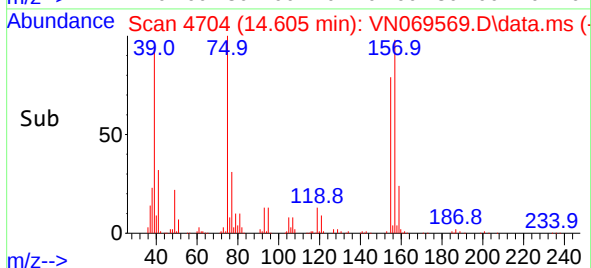
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.100 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.001 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



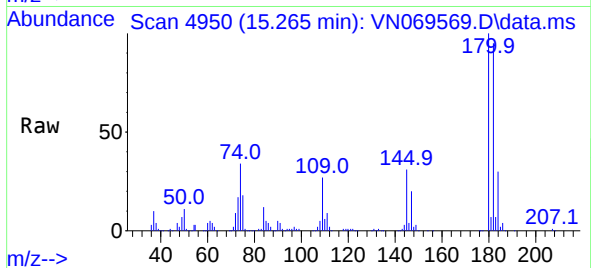
Tgt Ion: 75 Resp: 187137
Ion Ratio Lower Upper
75 100
155 77.5 46.9 140.7
157 96.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 46.465 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

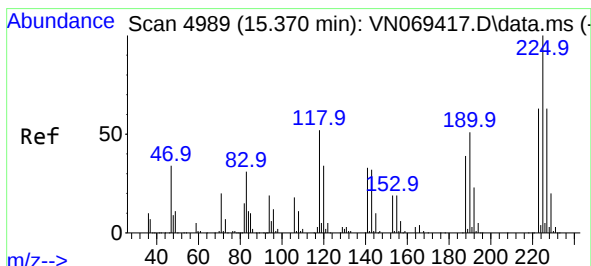
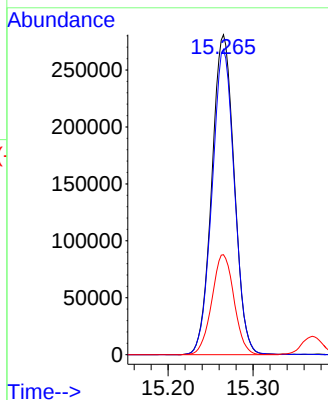
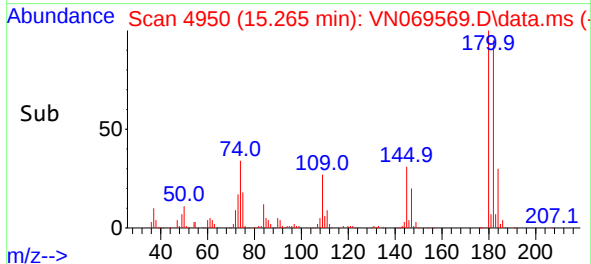
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



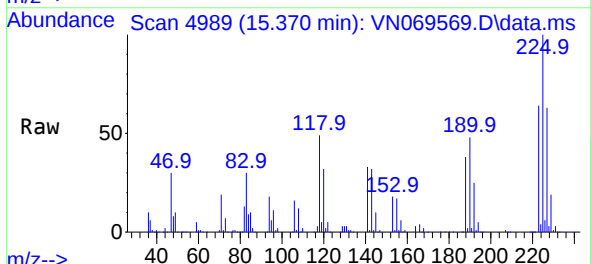
Tgt Ion:180 Resp: 512548
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.9
145 31.2 14.5 43.5

Manual Integrations
APPROVED

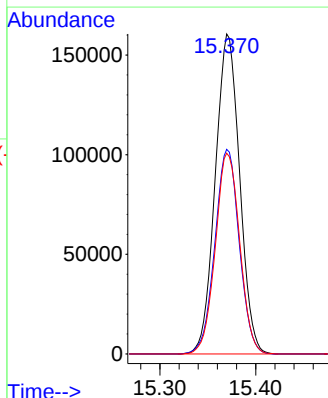
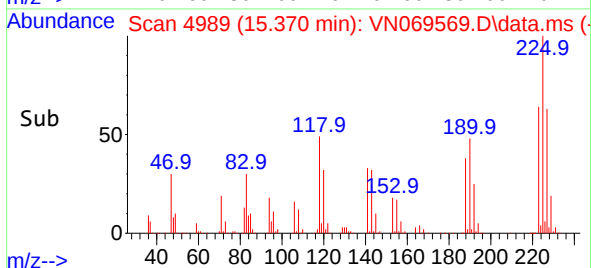
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

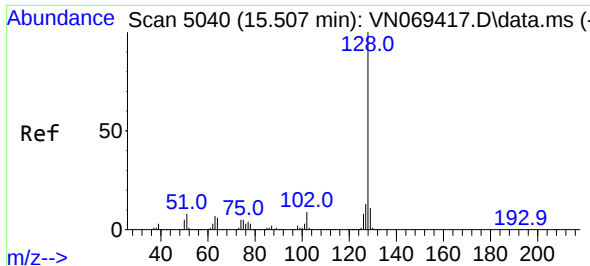


#94
Hexachlorobutadiene
Concen: 51.522 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



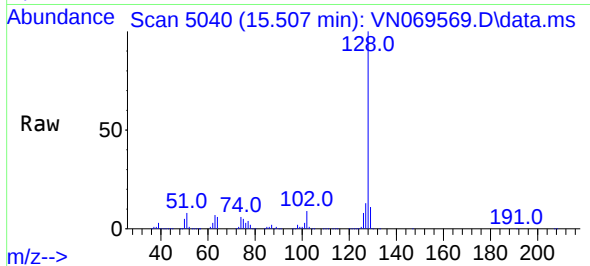
Tgt Ion:225 Resp: 283261
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.7
227 62.7 32.1 96.3





#95
Naphthalene
Concen: 51.437 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58

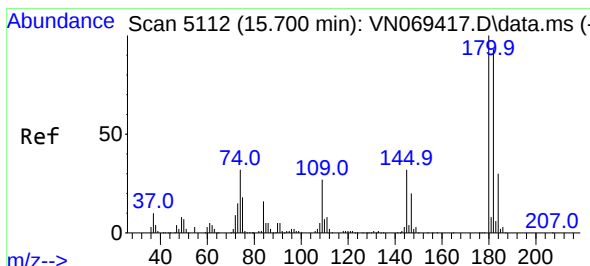
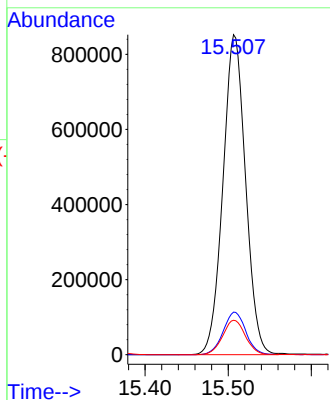
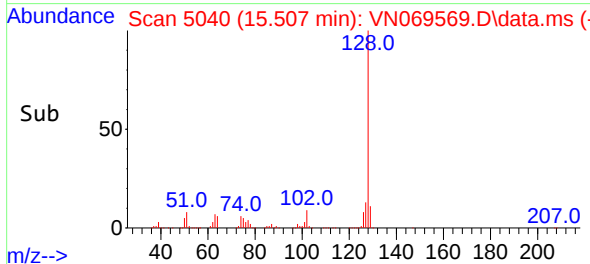
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



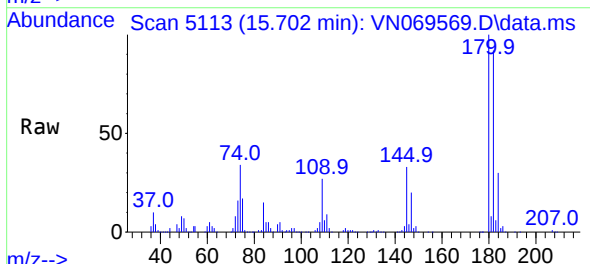
Tgt Ion:128 Resp: 1612670
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#96
1,2,3-Trichlorobenzene
Concen: 49.860 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069569.D
Acq: 18 Nov 2021 22:58



Tgt Ion:180 Resp: 528499
Ion Ratio Lower Upper
180 100
182 94.1 47.4 142.2
145 32.8 15.0 45.1

