

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120221\
 Data File : VN069701.D
 Acq On : 2 Dec 2021 18:04
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 03 07:47:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 07:46:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/06/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1101138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1844416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1683988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	587330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	81307	4.905	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	9.820%#		
35) Dibromofluoromethane	8.024	113	52642	4.619	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.240%#		
50) Toluene-d8	10.440	98	215173	4.806	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.620%#		
62) 4-Bromofluorobenzene	12.734	95	70195	4.286	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	8.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	54452	4.485	ug/l	97
3) Chloromethane	2.303	50	74232	5.196	ug/l	99
4) Vinyl Chloride	2.446	62	72710	5.183	ug/l	95
5) Bromomethane	2.837	94	44638	4.982	ug/l	98
6) Chloroethane	3.006	64	44965	4.823	ug/l	94
7) Trichlorofluoromethane	3.371	101	96415	4.584	ug/l	98
8) Diethyl Ether	3.824	74	37084	5.244	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.200	101	53916	5.268	ug/l	96
10) Methyl Iodide	4.414	142	64644	4.930	ug/l	98
11) Tert butyl alcohol	5.388	59	73719	24.465	ug/l #	93
12) 1,1-Dichloroethene	4.167	96	50034m	5.382	ug/l	
13) Acrolein	4.039	56	71806	77.509	ug/l	98
14) Allyl chloride	4.835	41	112126	5.426	ug/l	90
15) Acrylonitrile	5.559	53	215512	27.961	ug/l	100
16) Acetone	4.293	43	243778	26.987	ug/l	99
17) Carbon Disulfide	4.524	76	118556	5.266	ug/l	99
18) Methyl Acetate	4.862	43	152553	5.280	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	194653	5.019	ug/l	98
20) Methylene Chloride	5.090	84	68258	5.415	ug/l #	87
21) trans-1,2-Dichloroethene	5.594	96	55623	5.370	ug/l #	83
22) Diisopropyl ether	6.501	45	214739	4.902	ug/l	98
23) Vinyl Acetate	6.436	43	886167	25.850	ug/l	95
24) 1,1-Dichloroethane	6.388	63	116559	5.211	ug/l	97
25) 2-Butanone	7.343	43	336758	27.512	ug/l	90
26) 2,2-Dichloropropane	7.327	77	85992	4.966	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	68596	5.374	ug/l	89
28) Bromochloromethane	7.659	49	56250	4.884	ug/l #	79
29) Tetrahydrofuran	7.691	42	201471	26.919	ug/l	91
30) Chloroform	7.817	83	120207	5.269	ug/l	99
31) Cyclohexane	8.094	56	135293	5.964	ug/l #	86
32) 1,1,1-Trichloroethane	8.013	97	95526	4.997	ug/l	94
36) 1,1-Dichloropropene	8.222	75	82925	5.180	ug/l	97
37) Ethyl Acetate	7.413	43	135317m	6.152	ug/l	
38) Carbon Tetrachloride	8.206	117	81615	5.269	ug/l	96
39) Methylcyclohexane	9.459	83	99335	5.032	ug/l	90
40) Benzene	8.461	78	265089	5.368	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	56433	4.969	ug/l	91
42) 1,2-Dichloroethane	8.531	62	107973	5.557	ug/l	97
43) Isopropyl Acetate	8.566	43	184959	5.304	ug/l #	93
44) Trichloroethene	9.215	130	63322	5.354	ug/l	99
45) 1,2-Dichloropropane	9.491	63	72253	5.489	ug/l	100
46) Dibromomethane	9.580	93	47683	5.416	ug/l	90
47) Bromodichloromethane	9.765	83	82388	5.015	ug/l	96
48) Methyl methacrylate	9.561	41	84108	5.168	ug/l	90
49) 1,4-Dioxane	9.574	88	32059	109.562	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	622310	27.556	ug/l	95
52) Toluene	10.505	92	163105	5.334	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	78700	4.565	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	87204	4.635	ug/l #	86
55) 1,1,2-Trichloroethane	10.899	97	66126	5.373	ug/l	96
56) Ethyl methacrylate	10.762	69	100830	4.909	ug/l #	83
57) 1,3-Dichloropropane	11.047	76	113882	5.244	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	114160	23.426	ug/l	93
59) 2-Hexanone	11.087	43	450434	26.725	ug/l	91
60) Dibromochloromethane	11.240	129	53646	4.636	ug/l	98
61) 1,2-Dibromoethane	11.347	107	66057	5.280	ug/l	98
64) Tetrachloroethene	10.980	164	56431	5.374	ug/l	97
65) Chlorobenzene	11.771	112	172341	5.359	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	57261	5.121	ug/l	98
67) Ethyl Benzene	11.846	91	299478	5.044	ug/l	99
68) m/p-Xylenes	11.956	106	219634	10.097	ug/l	95
69) o-Xylene	12.283	106	109835	5.060	ug/l	93
70) Styrene	12.296	104	164407	4.713	ug/l	96
71) Bromoform	12.460	173	36470	4.530	ug/l #	98
73) Isopropylbenzene	12.581	105	274147	5.703	ug/l	99
74) N-amyl acetate	12.388	43	107210	5.213	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	97837	6.006	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	90697m	5.968	ug/l	
77) Bromobenzene	12.862	156	64468	5.839	ug/l	81
78) n-propylbenzene	12.921	91	286395	5.293	ug/l	95
79) 2-Chlorotoluene	13.007	91	189528	5.644	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	214156	5.505	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	18357	4.298	ug/l #	73
82) 4-Chlorotoluene	13.106	91	173564	5.428	ug/l	93
83) tert-Butylbenzene	13.326	119	190306	5.586	ug/l	92
84) 1,2,4-Trimethylbenzene	13.372	105	205167	5.469	ug/l	97
85) sec-Butylbenzene	13.503	105	250216	5.275	ug/l	96
86) p-Isopropyltoluene	13.619	119	194485	5.179	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	99738	5.260	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	96651	5.207	ug/l	90
89) n-Butylbenzene	13.943	91	143576	4.608	ug/l	98
90) Hexachloroethane	14.211	117	31639	5.075	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	98993	5.476	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	14745	5.513	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	34220	4.320	ug/l	93
94) Hexachlorobutadiene	15.370	225	27030	5.738	ug/l	97
95) Naphthalene	15.509	128	89532	4.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	36105	4.723	ug/l	99

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

Manual Integrations APPROVED

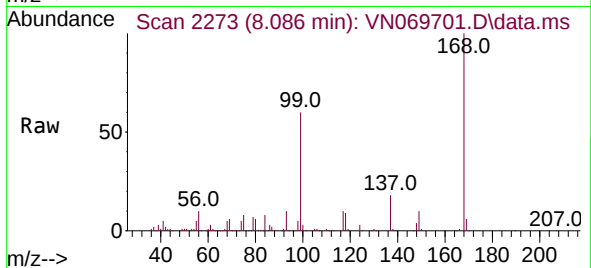
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069701.D
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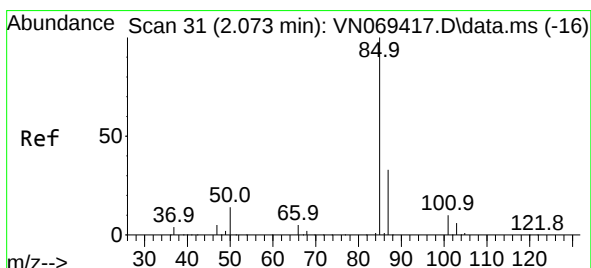
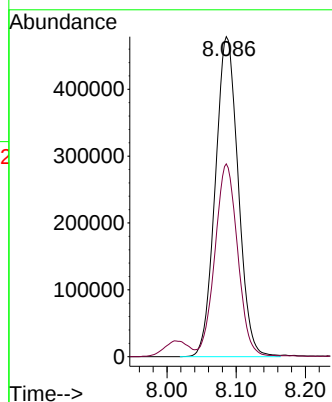
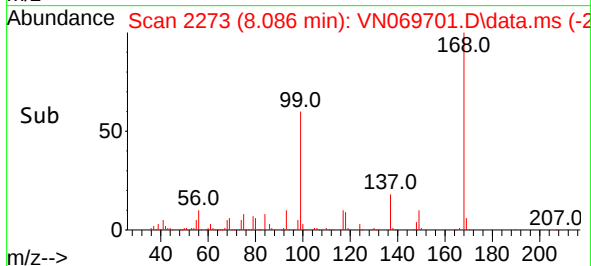
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 1101138
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9

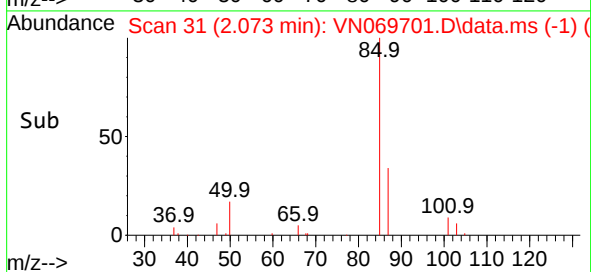
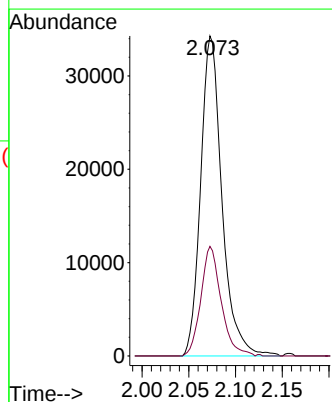
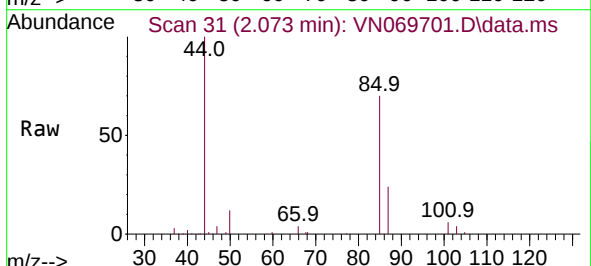
Manual Integrations
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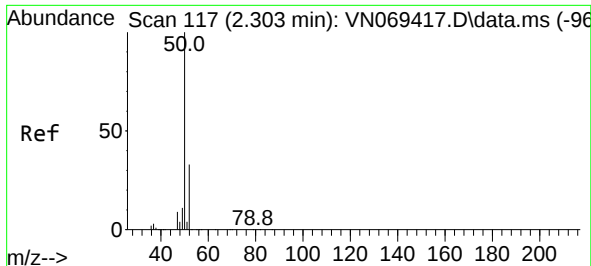
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#2
Dichlorodifluoromethane
Concen: 4.485 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Tgt Ion: 85 Resp: 54452
Ion Ratio Lower Upper
85 100
87 34.3 16.3 48.9





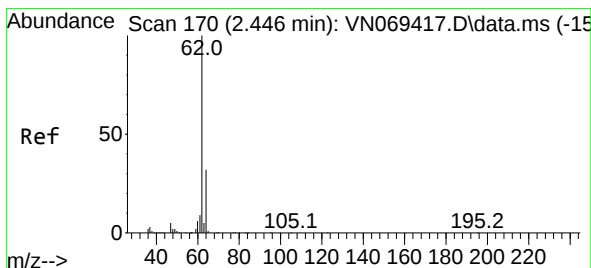
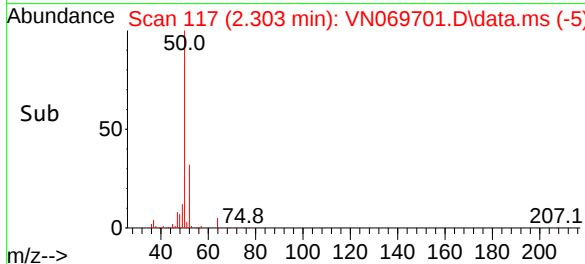
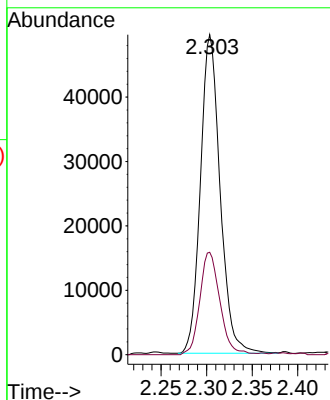
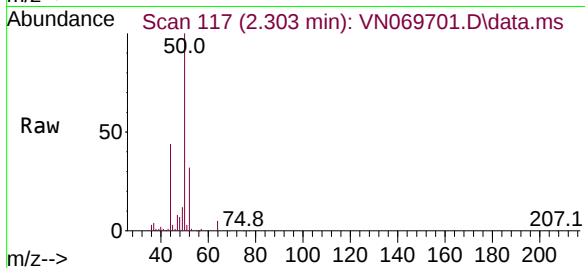
#3
Chloromethane
Concen: 5.196 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 7423
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0

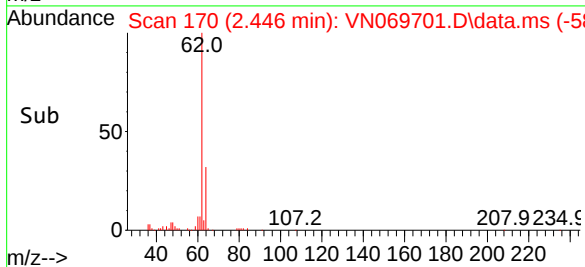
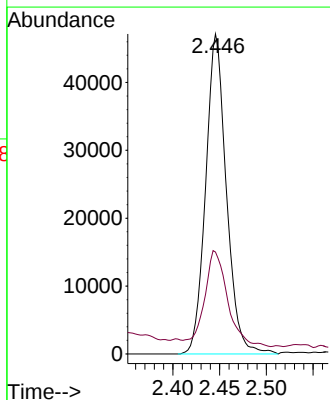
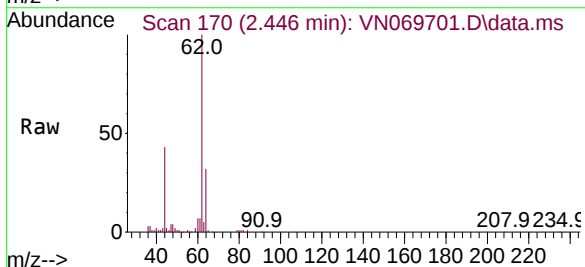
Manual Integrations
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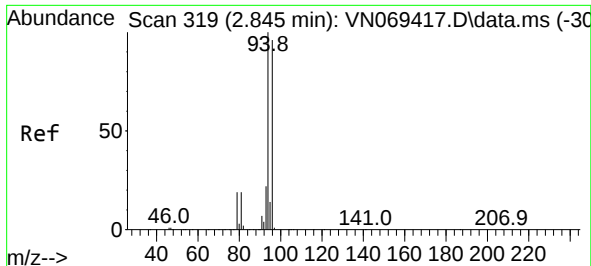
Reviewed By :John Carlone 12/03/2021
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#4
Vinyl Chloride
Concen: 5.183 ug/l
RT: 2.446 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

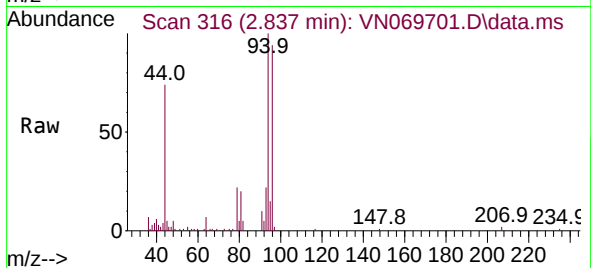
Tgt Ion: 62 Resp: 72710
Ion Ratio Lower Upper
62 100
64 29.3 25.8 38.6





#5
Bromomethane
Concen: 4.982 ug/l
RT: 2.837 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

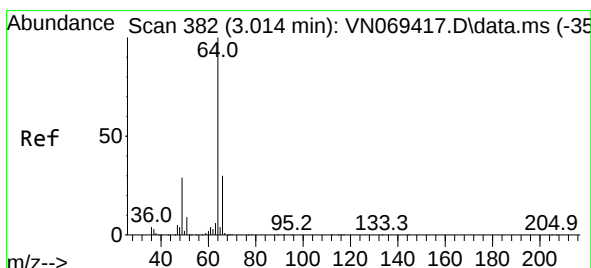
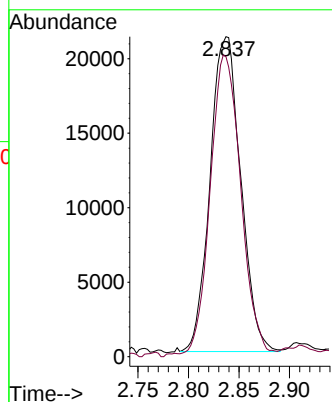
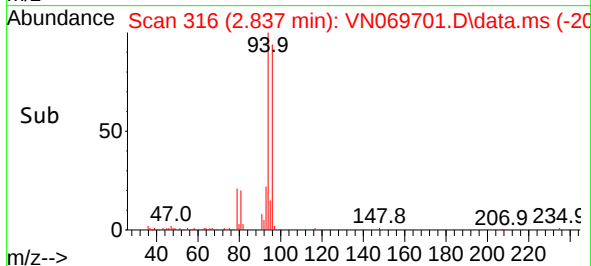
Instrument :
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Tgt Ion: 94 Resp: 44638
Ion Ratio Lower Upper
94 100
96 94.4 73.8 110.8

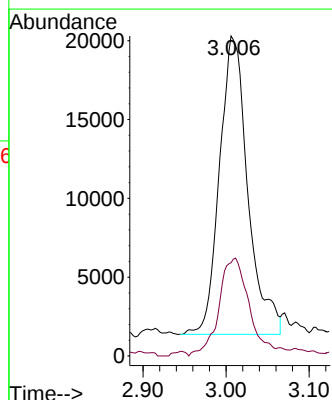
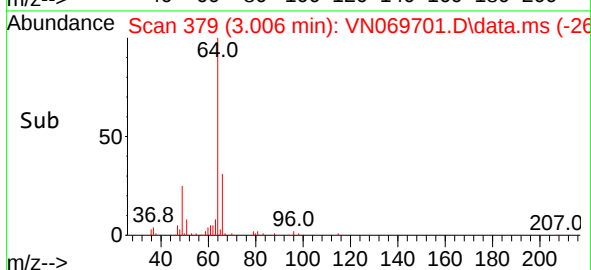
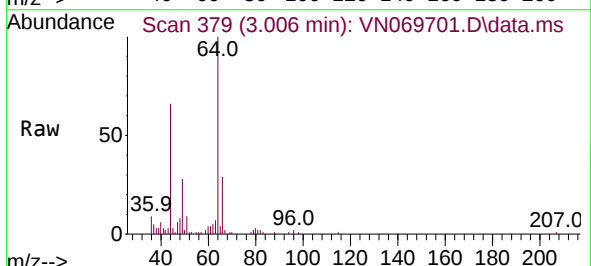
Manual Integrations
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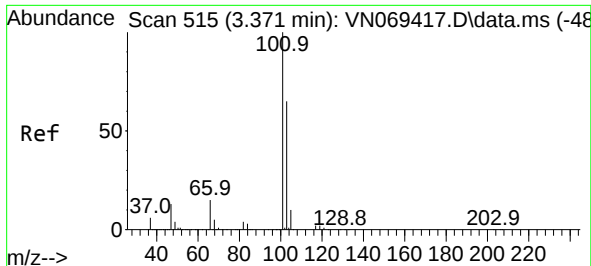
Reviewed By :John Carlone 12/03/2021
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#6
Chloroethane
Concen: 4.823 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.002 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

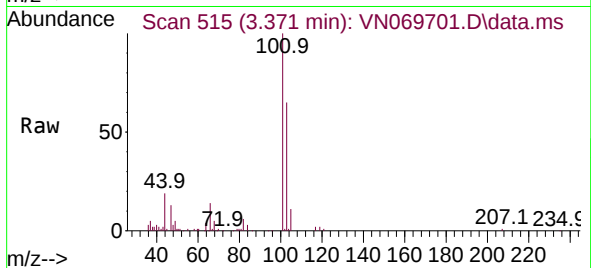
Tgt Ion: 64 Resp: 44965
Ion Ratio Lower Upper
64 100
66 29.8 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 4.584 ug/l
 RT: 3.371 min Scan# 515
 Delta R.T. 0.003 min
 Lab File: VN069701.D
 Acq: 2 Dec 2021 18:04

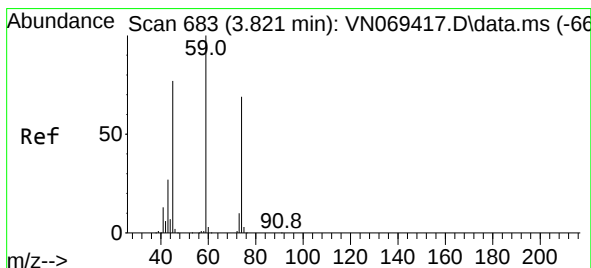
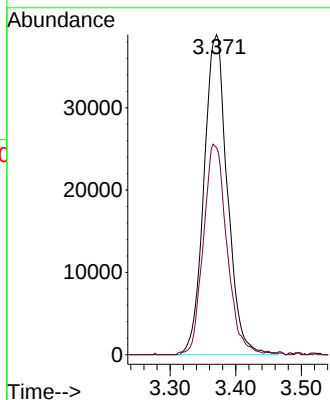
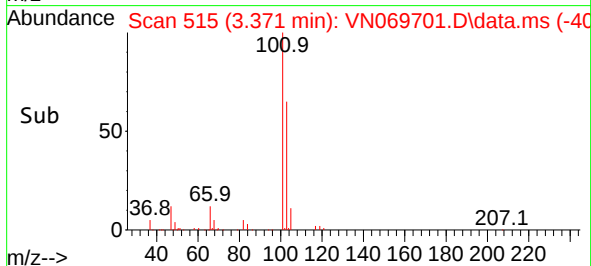
Instrument :
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 ClientSampleId :
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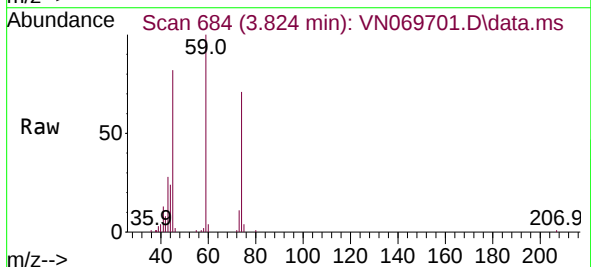
Tgt Ion:101 Resp: 96415
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.1 75.1

Manual Integrations
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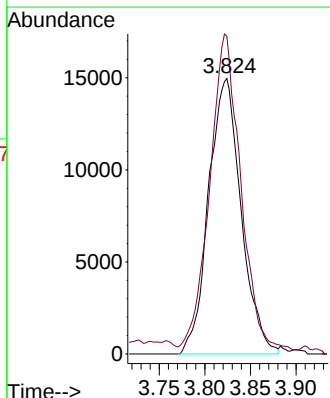
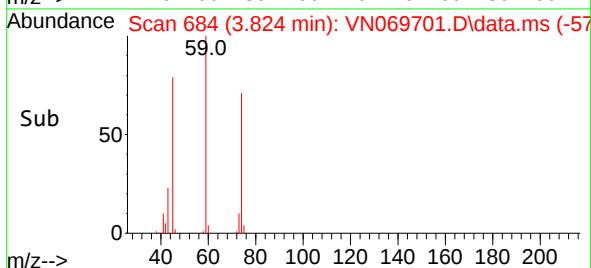
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#8
 Diethyl Ether
 Concen: 5.244 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
 Lab File: VN069701.D
 Acq: 2 Dec 2021 18:04



Tgt Ion: 74 Resp: 37084
 Ion Ratio Lower Upper
 74 100
 45 109.3 47.0 141.2





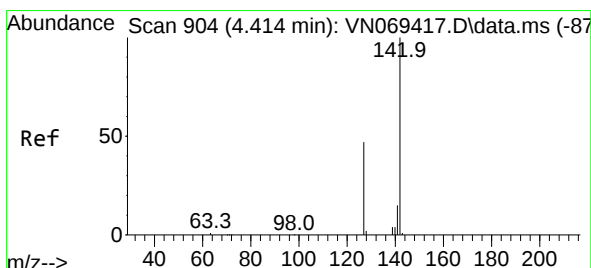
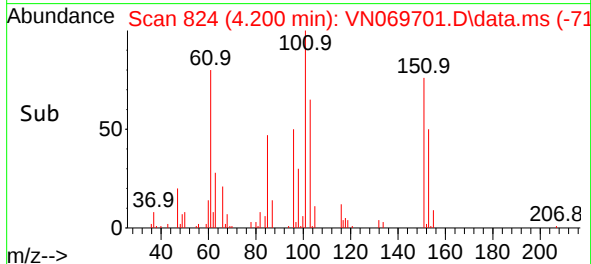
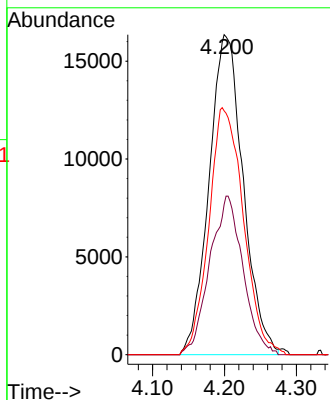
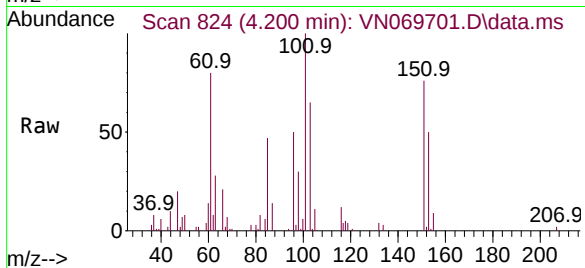
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.268 ug/l
RT: 4.200 min Scan# 825
Delta R.T. -0.002 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 53910
Ion Ratio Lower Upper
101 100
85 48.2 37.2 55.8
151 78.1 65.9 98.9

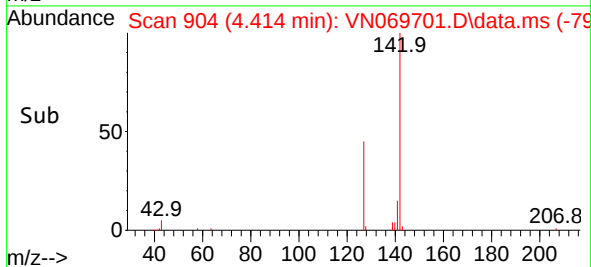
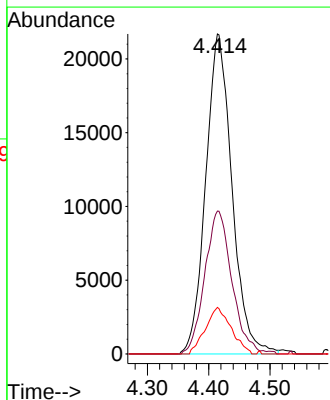
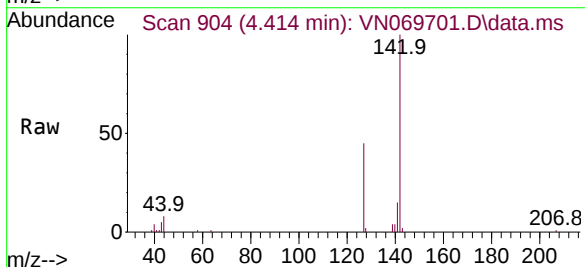
Manual Integrations
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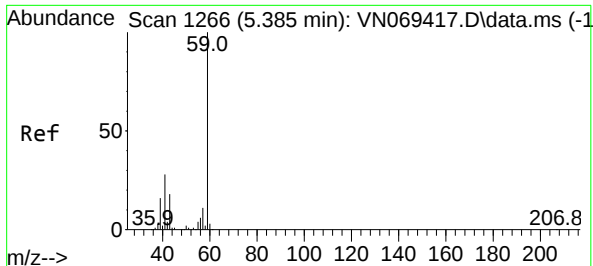
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 4.930 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Tgt Ion:142 Resp: 64644
Ion Ratio Lower Upper
142 100
127 46.0 35.4 53.0
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 24.465 ug/l

RT: 5.388 min Scan# 1

Delta R.T. -0.002 min

Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 73719

Ion Ratio Lower Upper

59 100

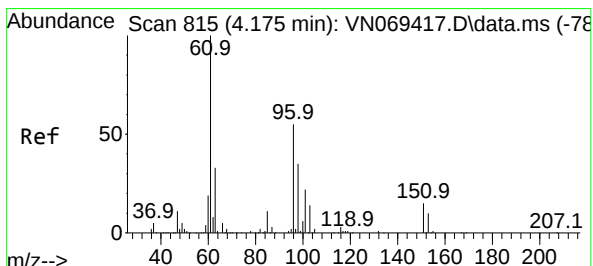
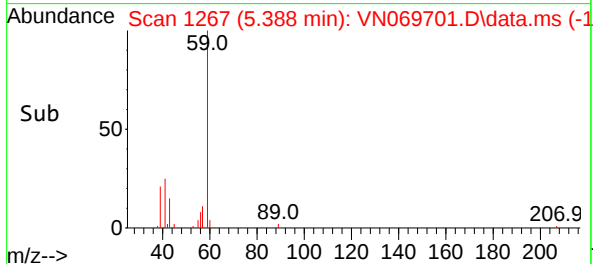
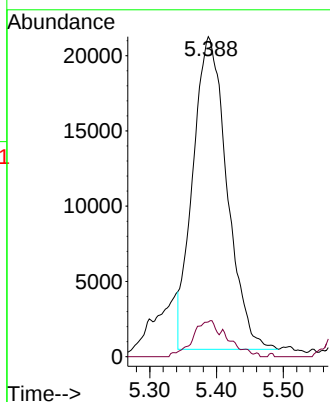
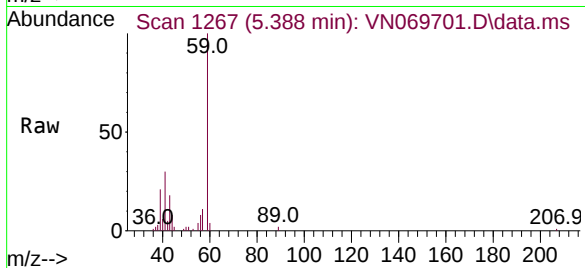
57 8.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#12

1,1-Dichloroethene

Concen: 5.382 ug/l m

RT: 4.167 min Scan# 812

Delta R.T. -0.008 min

Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

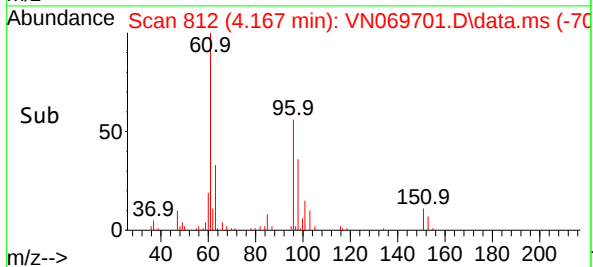
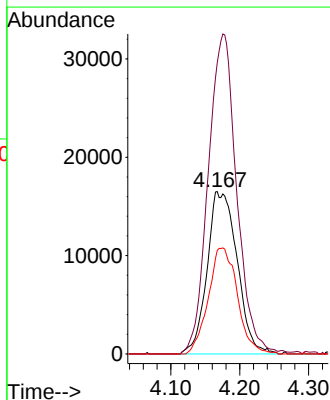
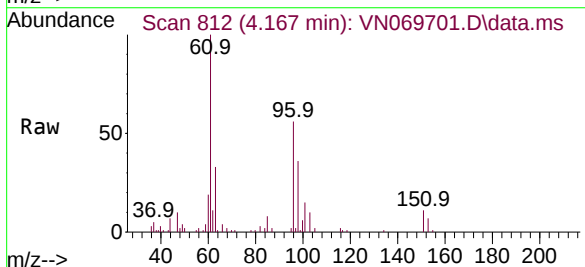
Tgt Ion: 96 Resp: 50034

Ion Ratio Lower Upper

96 100

61 179.2 131.0 196.6

98 63.8 52.4 78.6





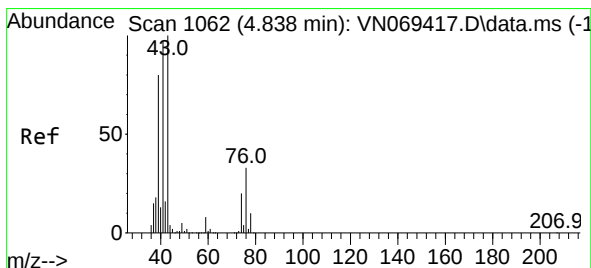
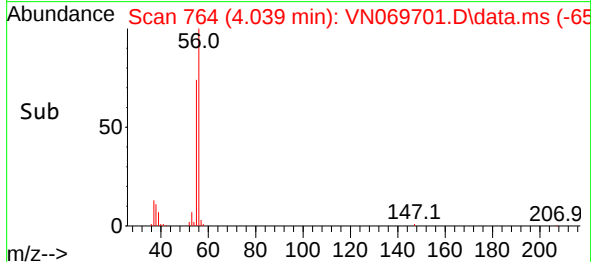
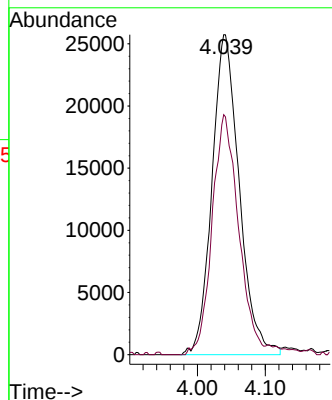
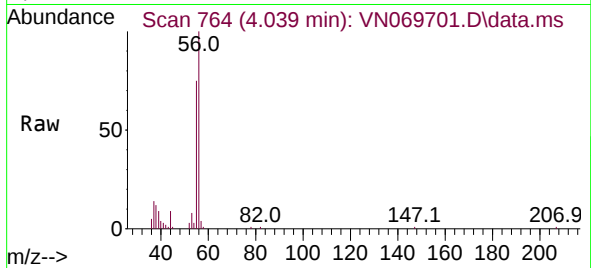
#13
Acrolein
Concen: 77.509 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 71800
Ion Ratio Lower Upper
56 100
55 72.3 56.6 85.0

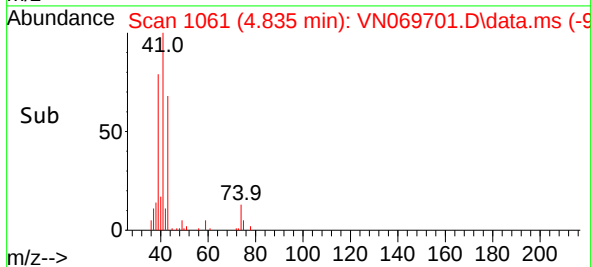
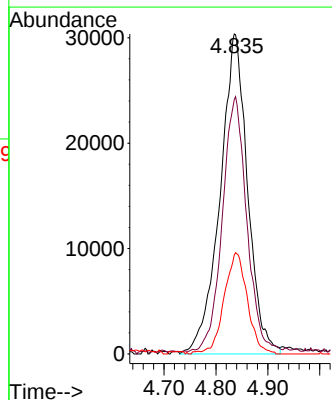
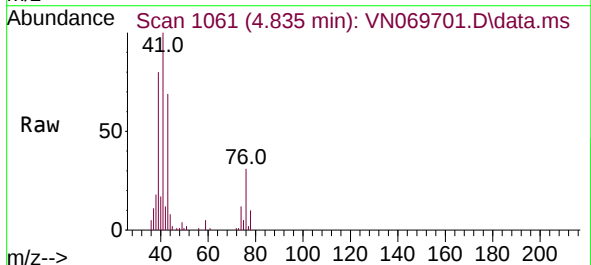
Manual Integrations
APPROVED

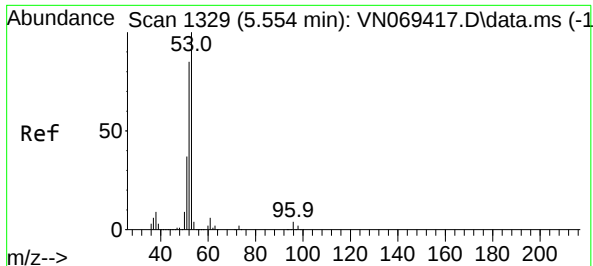
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#14
Allyl chloride
Concen: 5.426 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

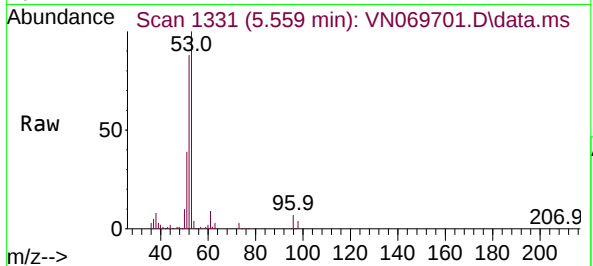
Tgt Ion: 41 Resp: 112126
Ion Ratio Lower Upper
41 100
39 68.6 61.2 91.8
76 26.5 26.0 39.0





#15
Acrylonitrile
Concen: 27.961 ug/l
RT: 5.559 min Scan# 1329
Delta R.T. 0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

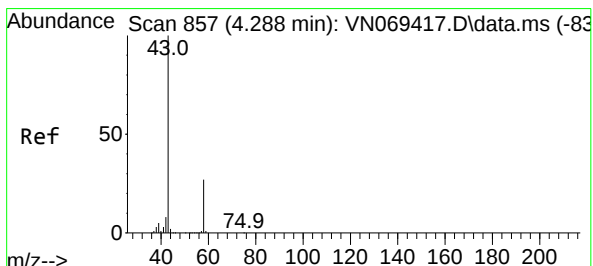
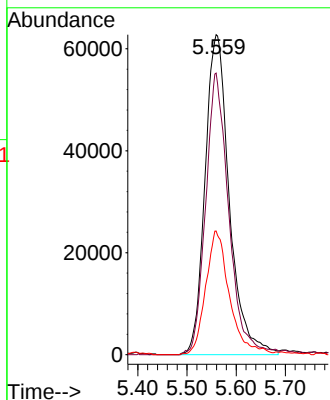
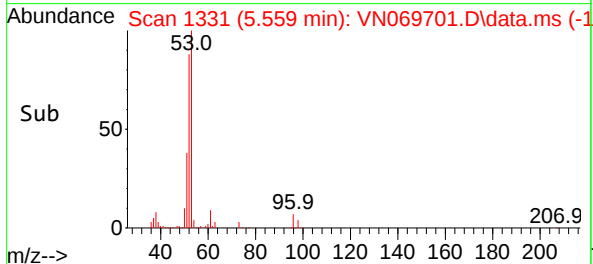
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



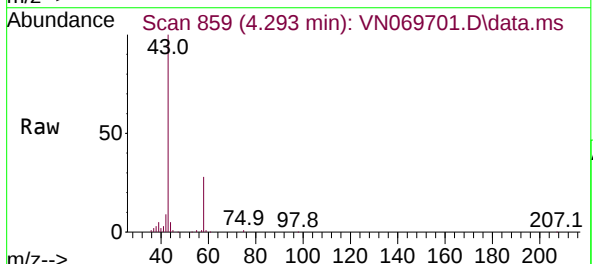
Tgt Ion: 53 Resp: 21551
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 37.3 29.6 44.4

Manual Integrations
APPROVED

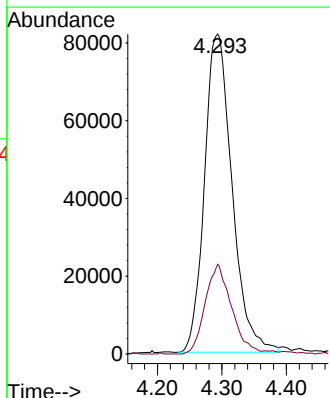
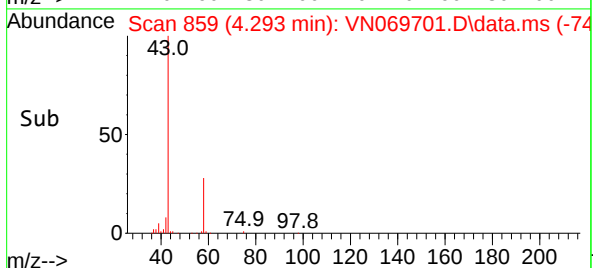
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

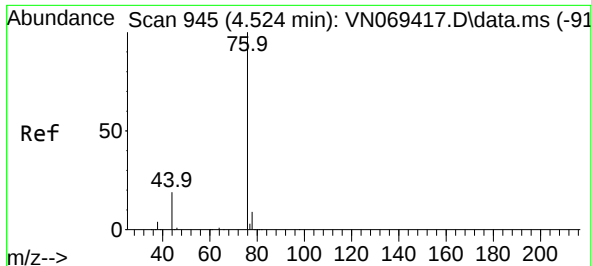


#16
Acetone
Concen: 26.987 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04



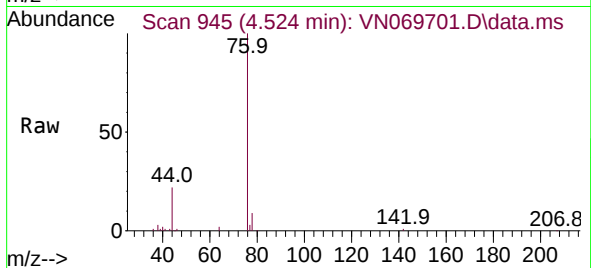
Tgt Ion: 43 Resp: 243778
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7





#17
Carbon Disulfide
Concen: 5.266 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

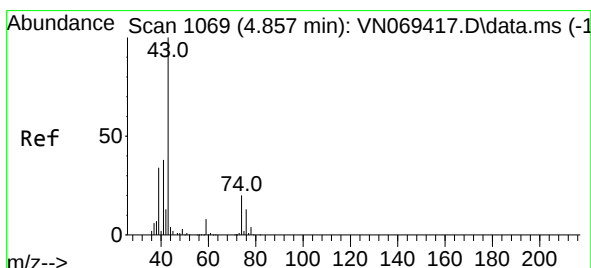
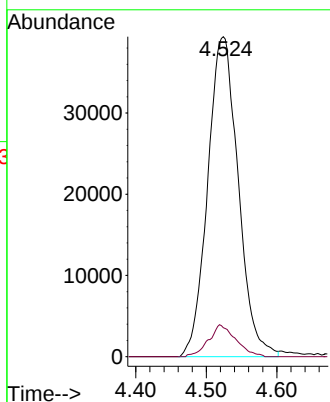
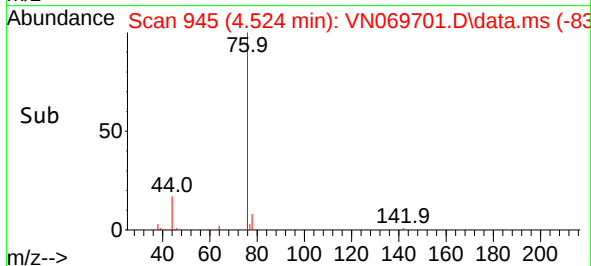
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



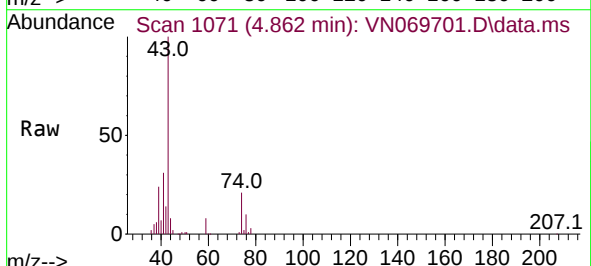
Tgt Ion: 76 Resp: 118550
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
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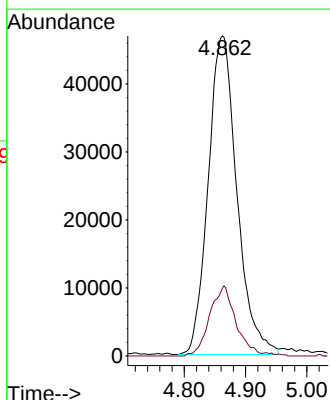
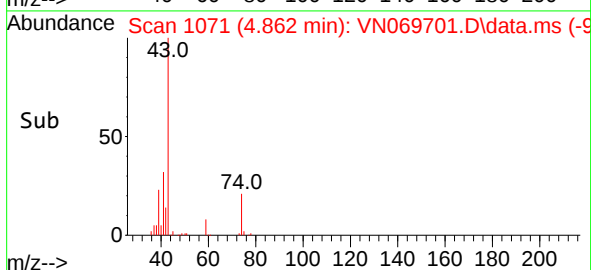
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

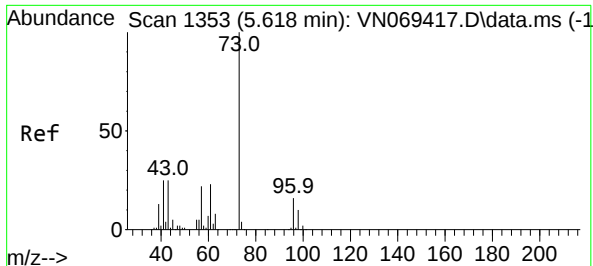


#18
Methyl Acetate
Concen: 5.280 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04



Tgt Ion: 43 Resp: 152553
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





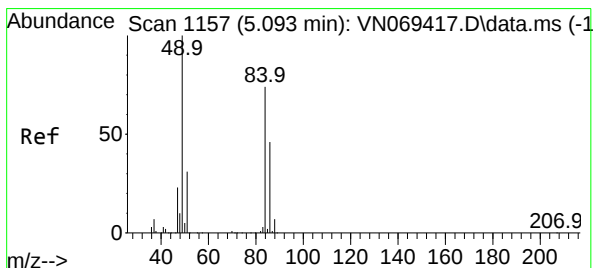
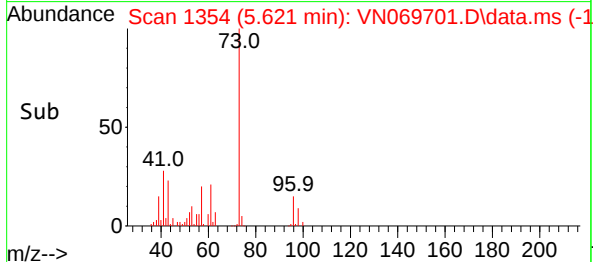
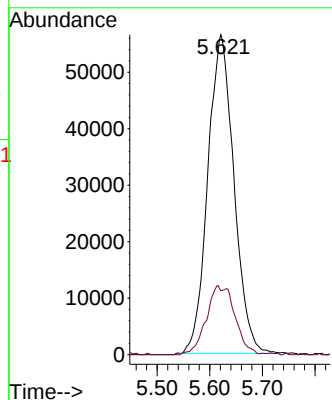
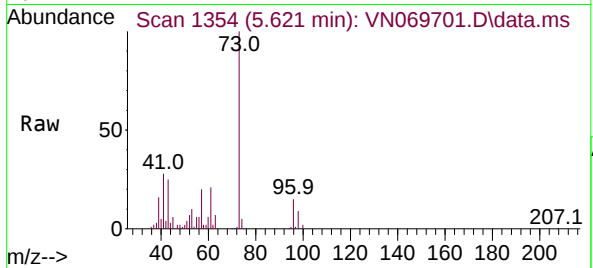
#19
Methyl tert-butyl Ether
Concen: 5.019 ug/l
RT: 5.621 min Scan# 1155
Delta R.T. 0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 19465
Ion Ratio Lower Upper
73 100
57 20.1 16.8 25.2

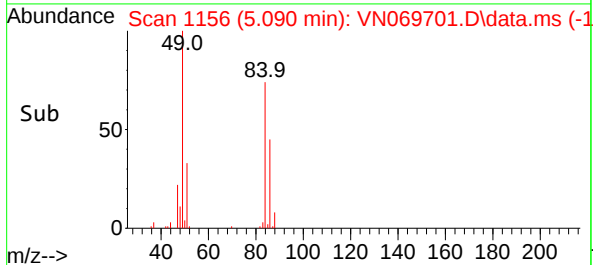
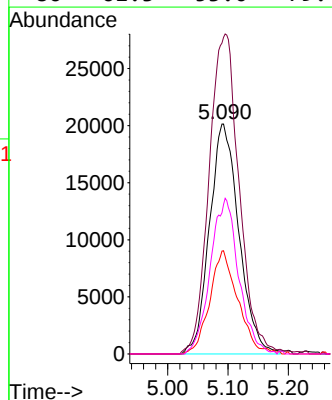
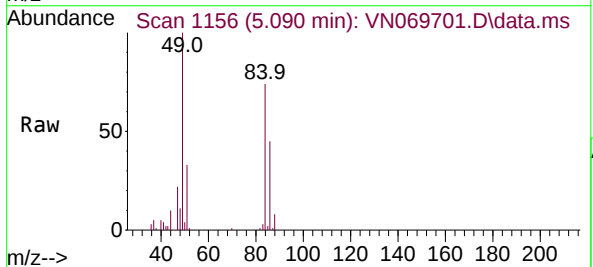
Manual Integrations
APPROVED

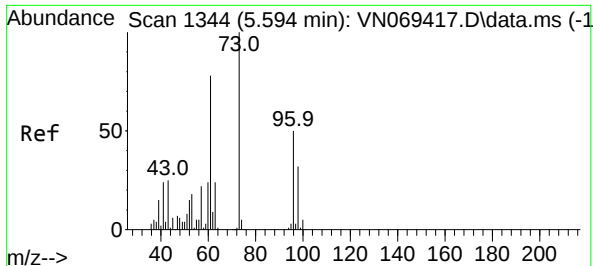
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#20
Methylene Chloride
Concen: 5.415 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.002 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

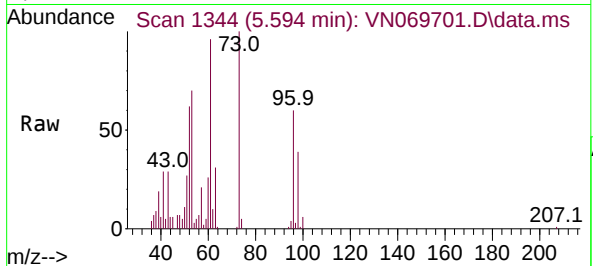
Tgt Ion: 84 Resp: 68258
Ion Ratio Lower Upper
84 100
49 135.2 93.5 140.3
51 44.7 29.4 44.2#
86 61.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 5.370 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

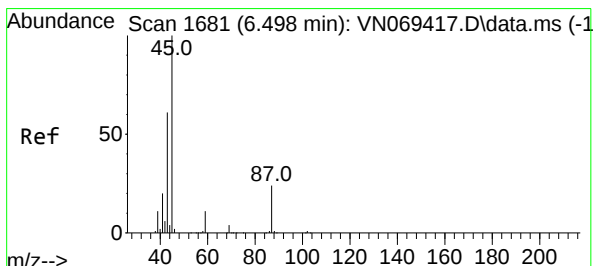
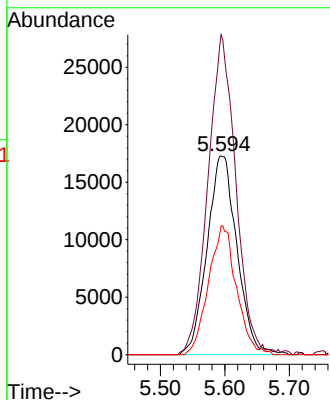
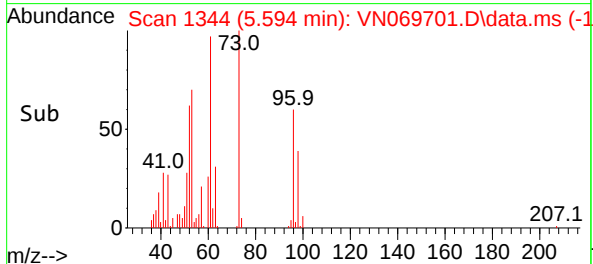
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



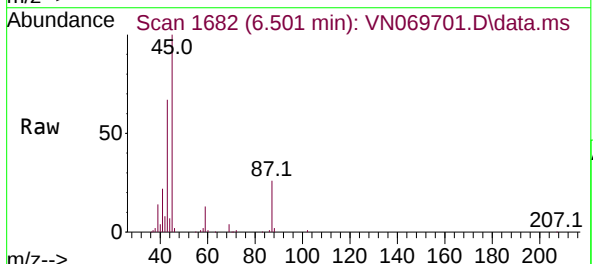
Tgt Ion: 96 Resp: 5562
Ion Ratio Lower Upper
96 100
61 161.1 105.8 158.6
98 64.8 52.0 78.0

Manual Integrations
APPROVED

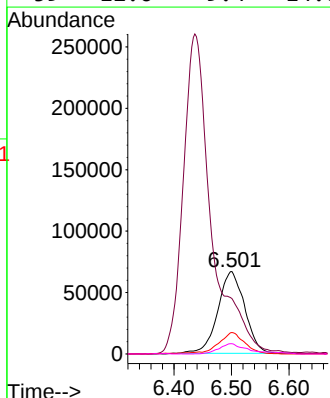
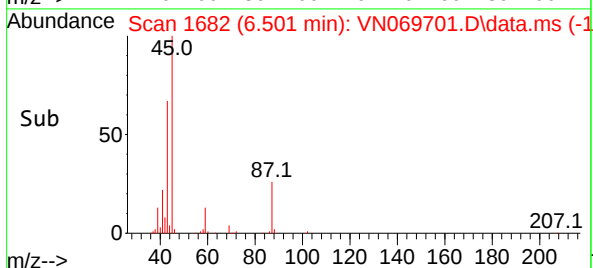
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

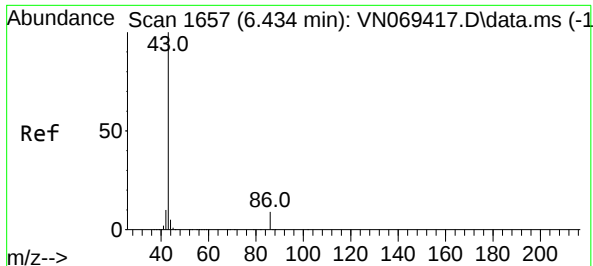


#22
Diisopropyl ether
Concen: 4.902 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04



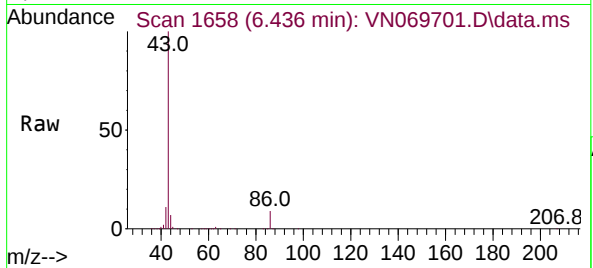
Tgt Ion: 45 Resp: 214739
Ion Ratio Lower Upper
45 100
43 63.8 51.7 77.5
87 26.0 23.2 34.8
59 12.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 25.850 ug/l
 RT: 6.436 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: VN069701.D
 Acq: 2 Dec 2021 18:04

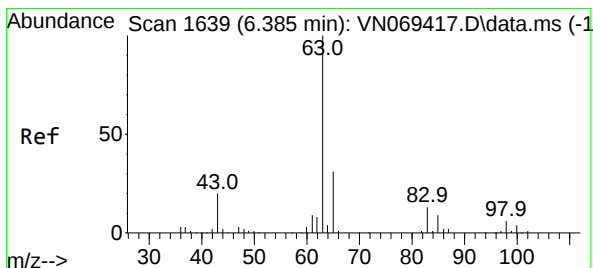
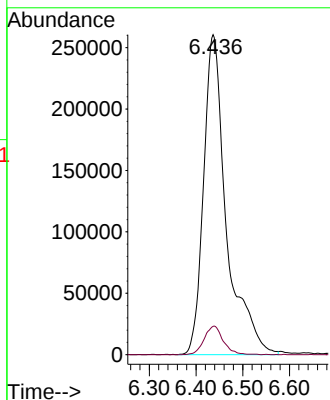
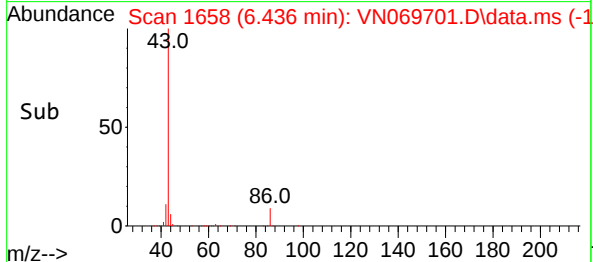
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



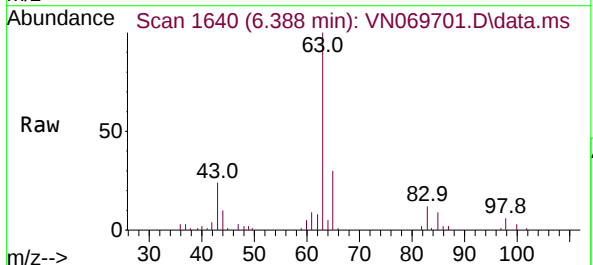
Tgt Ion: 43 Resp: 88616
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

Manual Integrations
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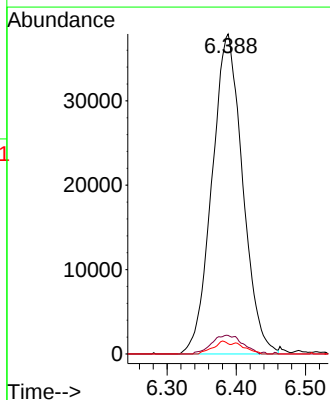
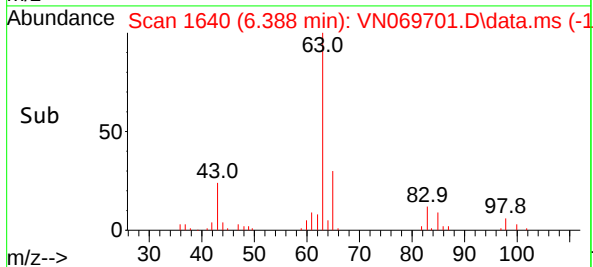
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021

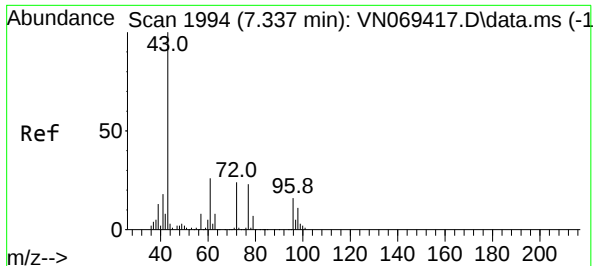


#24
 1,1-Dichloroethane
 Concen: 5.211 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069701.D
 Acq: 2 Dec 2021 18:04



Tgt Ion: 63 Resp: 116559
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.2 2.1 6.5





#25

2-Butanone

Concen: 27.512 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 336758

Ion Ratio Lower Upper

43 100

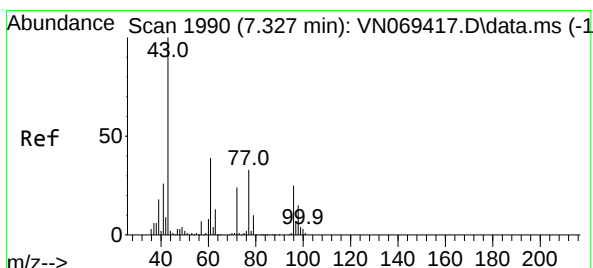
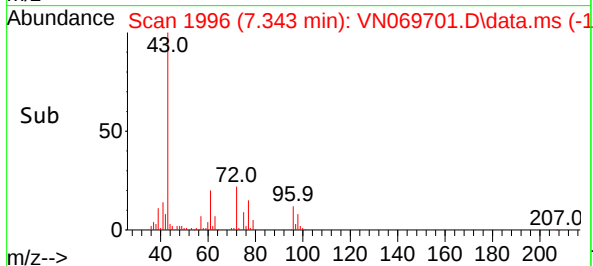
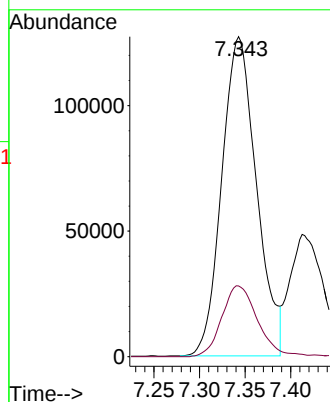
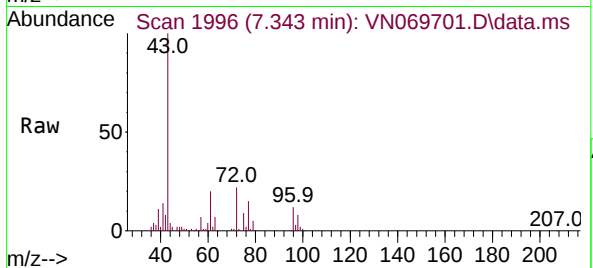
72 22.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 4.966 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069701.D

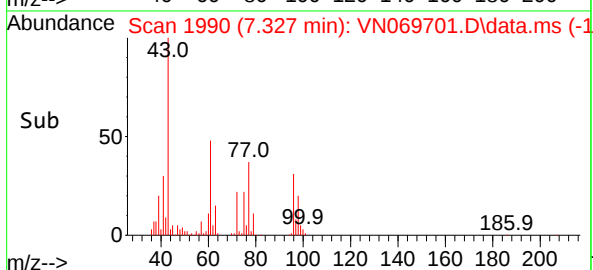
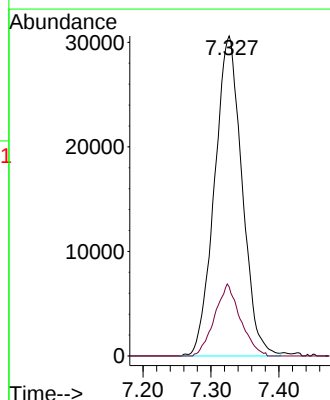
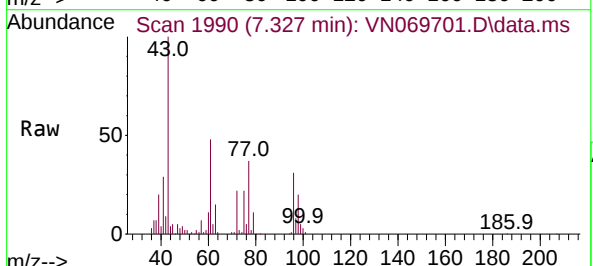
Acq: 2 Dec 2021 18:04

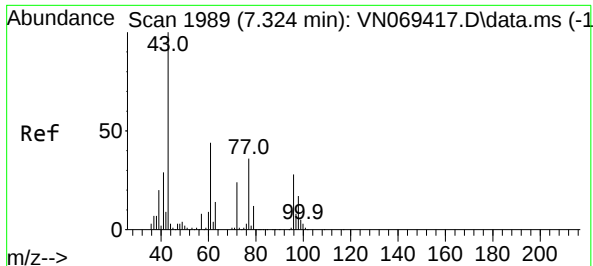
Tgt Ion: 77 Resp: 85992

Ion Ratio Lower Upper

77 100

97 21.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 5.374 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

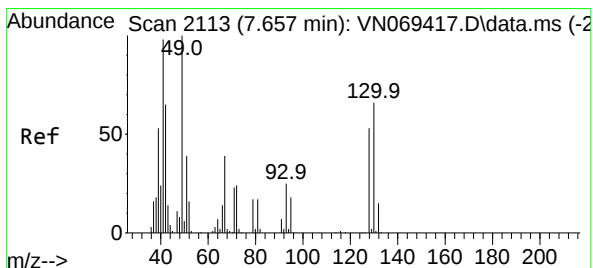
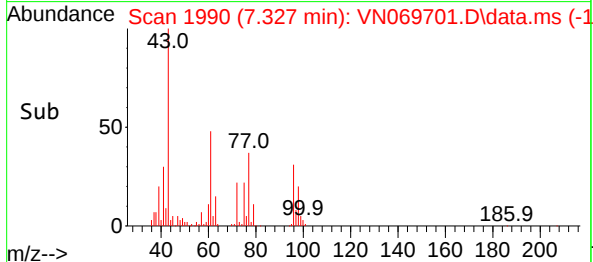
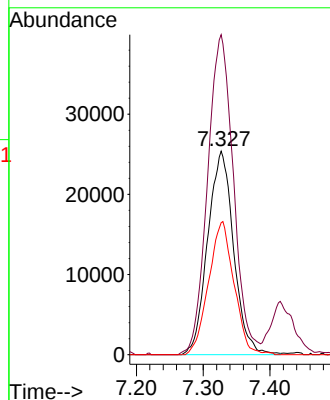
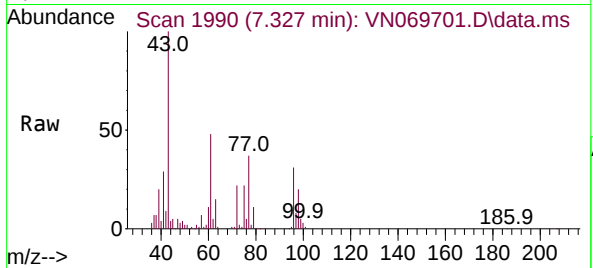
Tgt Ion:	96	Resp:	68590
Ion Ratio	Lower	Upper	
96	100		
61	156.7	0.0	275.0
98	63.7	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#28

Bromochloromethane

Concen: 4.884 ug/l

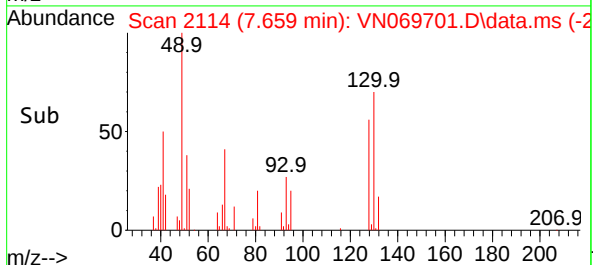
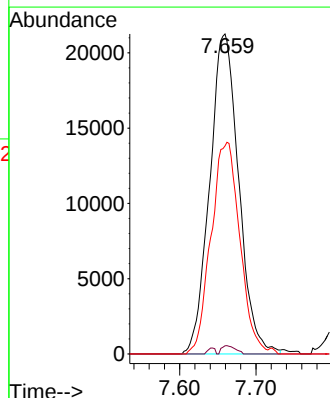
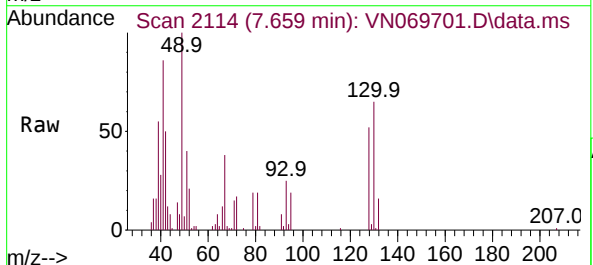
RT: 7.659 min Scan# 2114

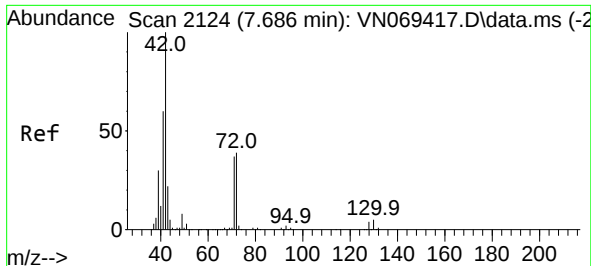
Delta R.T. 0.003 min

Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

Tgt Ion:	49	Resp:	56250
Ion Ratio	Lower	Upper	
49	100		
129	1.2	0.0	4.0
130	65.4	67.8	101.8





#29

Tetrahydrofuran

Concen: 26.919 ug/l

RT: 7.691 min Scan# 2124

Delta R.T. 0.006 min

Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 20147

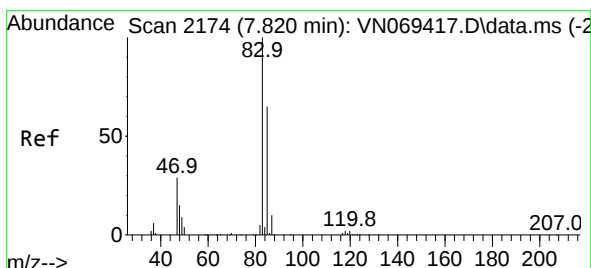
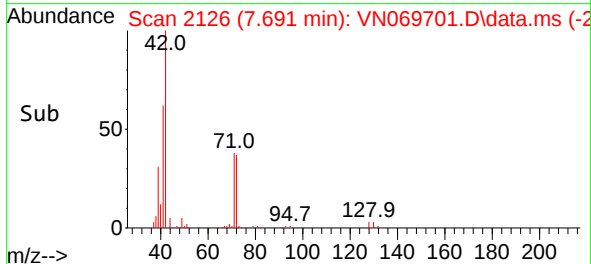
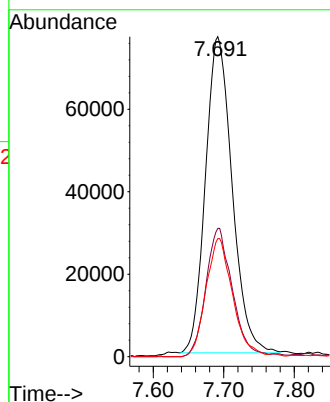
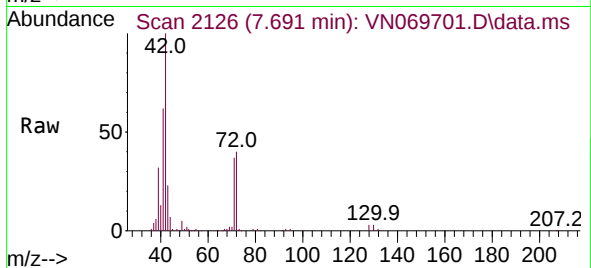
Ion	Ratio	Lower	Upper
42	100		
72	39.9	36.3	54.5
71	37.2	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#30

Chloroform

Concen: 5.269 ug/l

RT: 7.817 min Scan# 2173

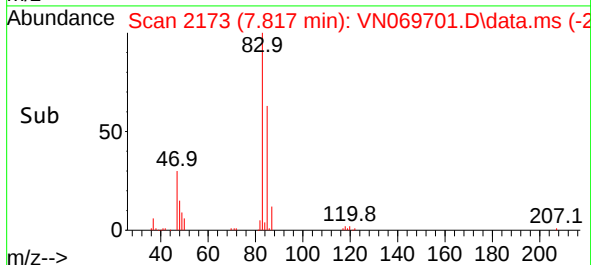
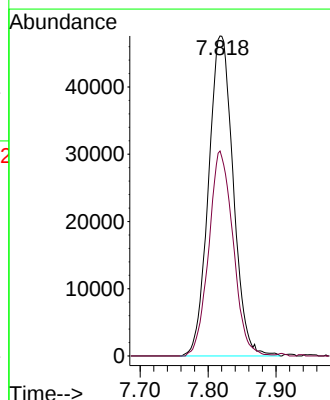
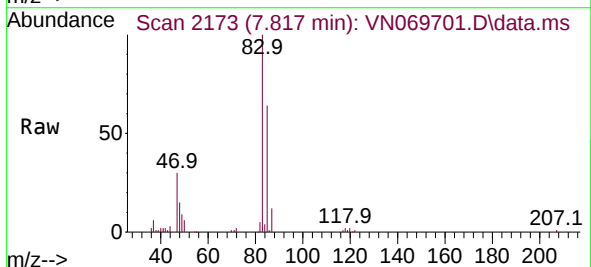
Delta R.T. -0.003 min

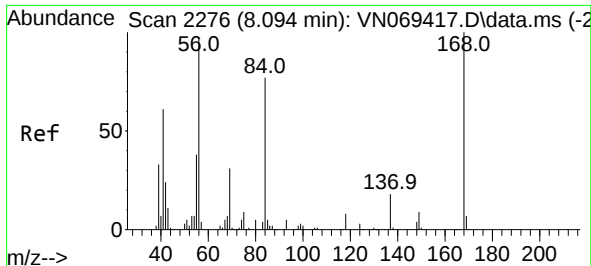
Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

Tgt Ion: 83 Resp: 120207

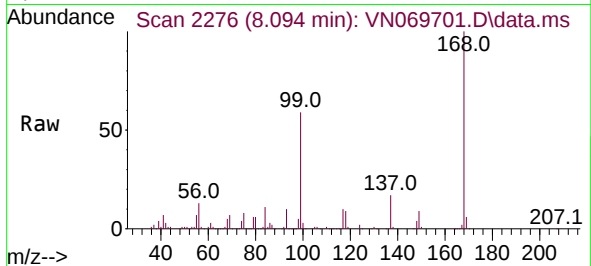
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.9	77.9





#31
Cyclohexane
Concen: 5.964 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

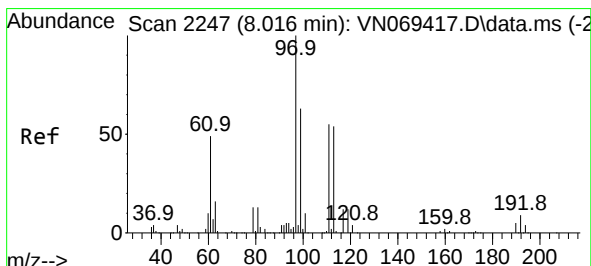
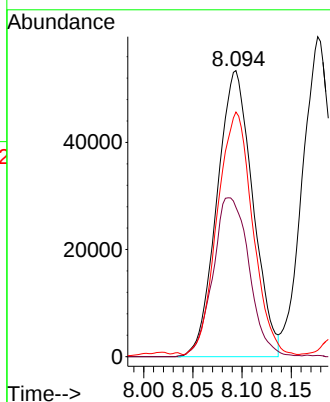
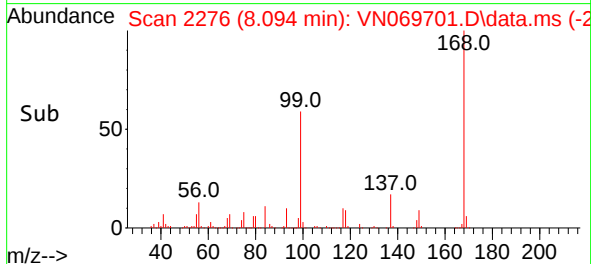
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 13529
Ion Ratio Lower Upper
56 100
69 51.9 27.1 40.7
84 84.1 73.4 110.0

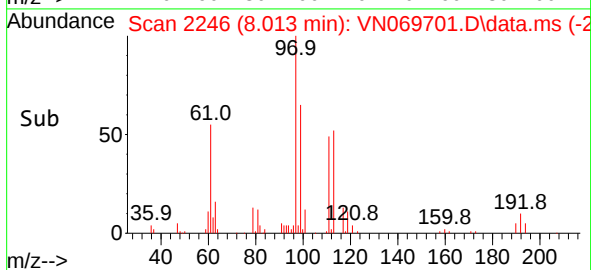
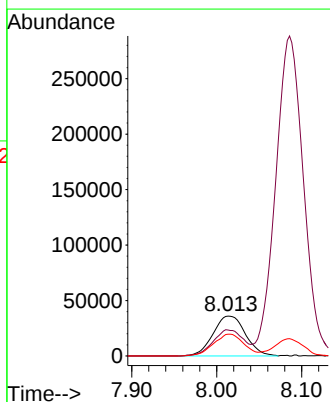
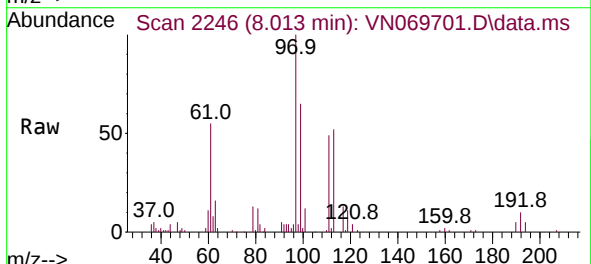
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#32
1,1,1-Trichloroethane
Concen: 4.997 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Tgt Ion: 97 Resp: 95526
Ion Ratio Lower Upper
97 100
99 61.1 50.1 75.1
61 51.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 4.905 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 8130

Ion Ratio Lower Upper

65 100

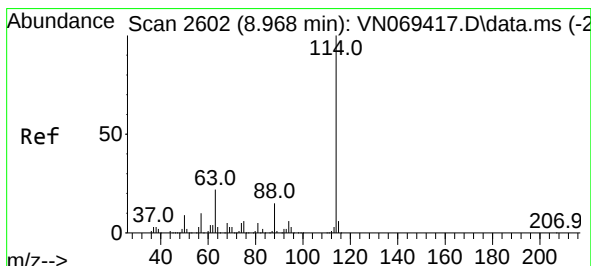
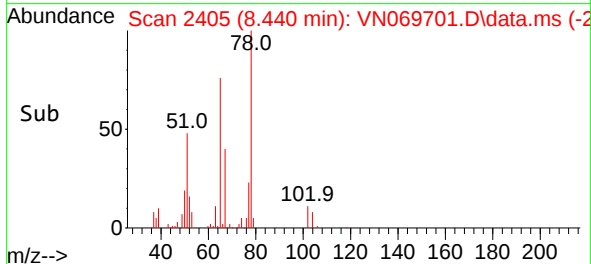
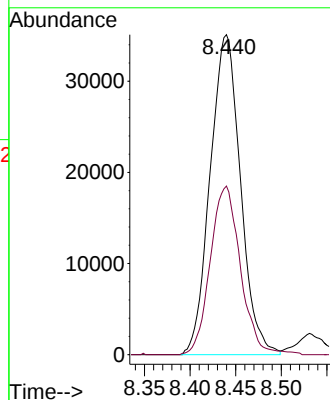
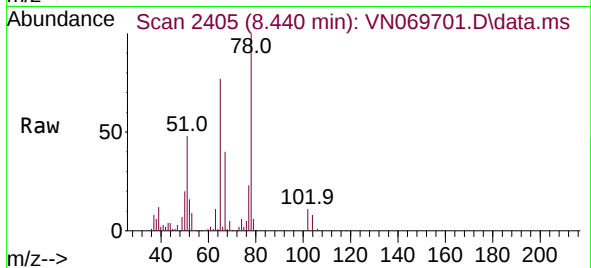
67 52.6 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

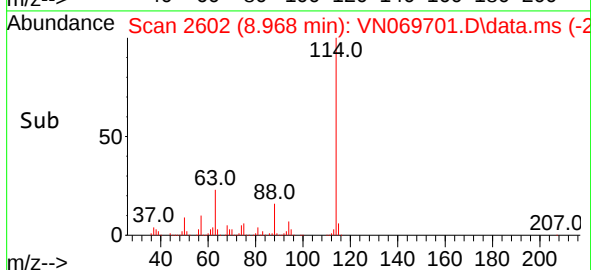
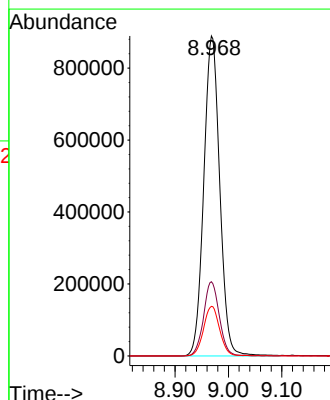
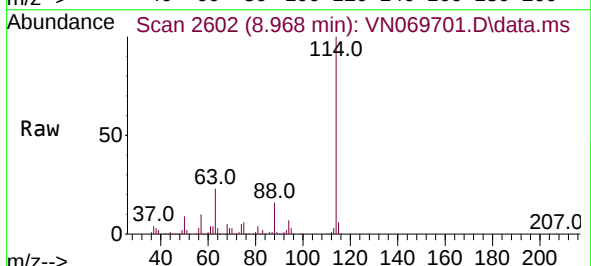
Tgt Ion:114 Resp: 1844416

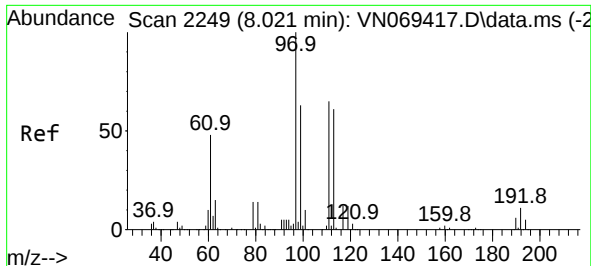
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

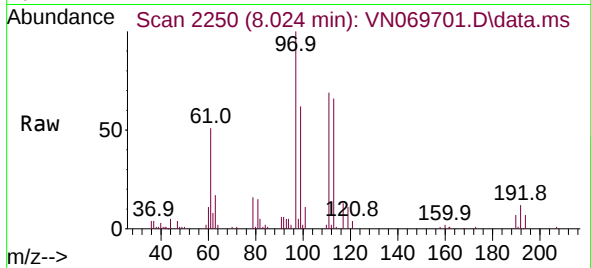
88 15.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 4.619 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

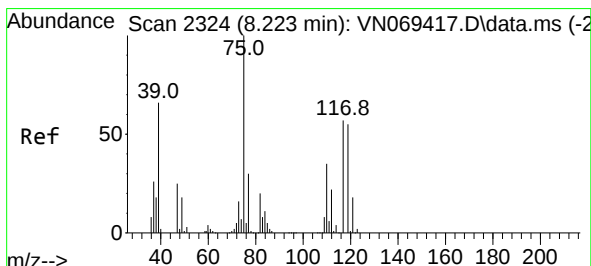
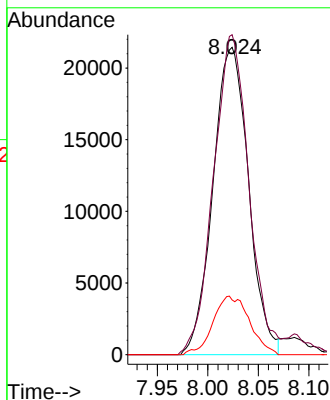
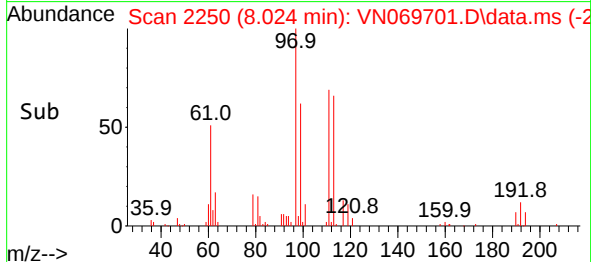
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 5264
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.5 16.9 25.3

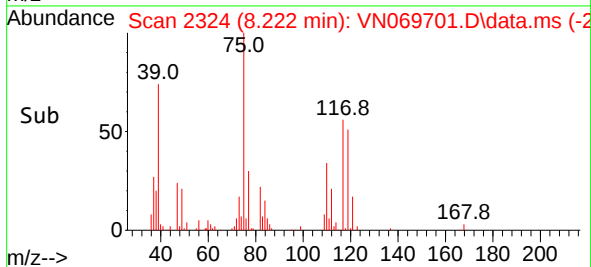
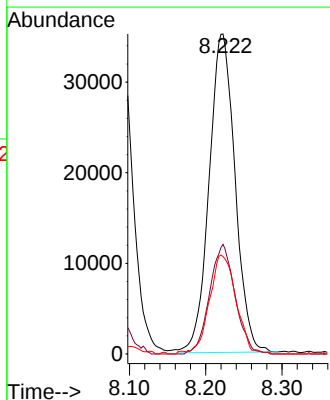
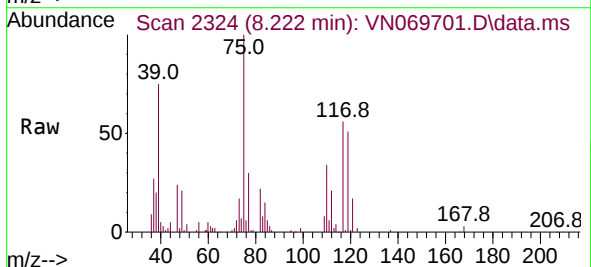
Manual Integrations
APPROVED

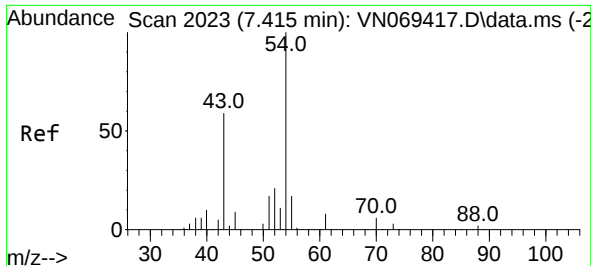
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#36
1,1-Dichloropropene
Concen: 5.180 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Tgt Ion: 75 Resp: 82925
Ion Ratio Lower Upper
75 100
110 33.8 18.4 55.2
77 29.8 24.4 36.6





#37

Ethyl Acetate

Concen: 6.152 ug/l m

RT: 7.413 min Scan# 2023

Delta R.T. -0.002 min

Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 13531

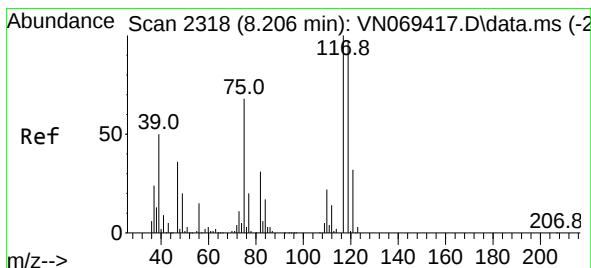
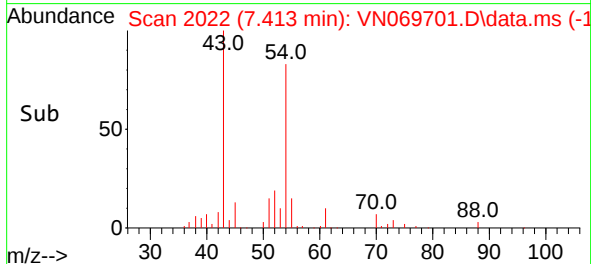
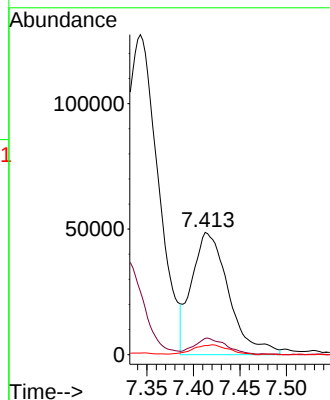
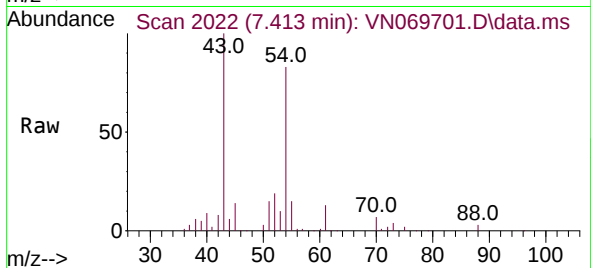
Ion	Ratio	Lower	Upper
43	100		
61	10.9	11.5	17.3
70	7.7	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#38

Carbon Tetrachloride

Concen: 5.269 ug/l

RT: 8.206 min Scan# 2318

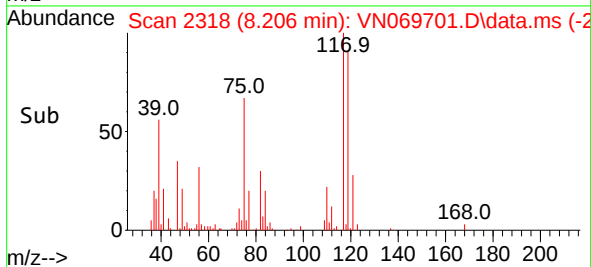
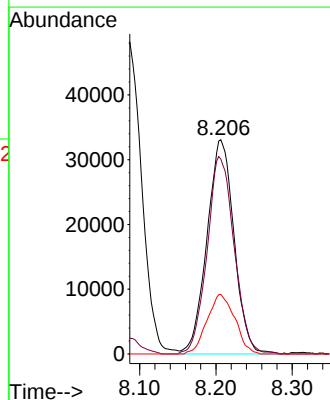
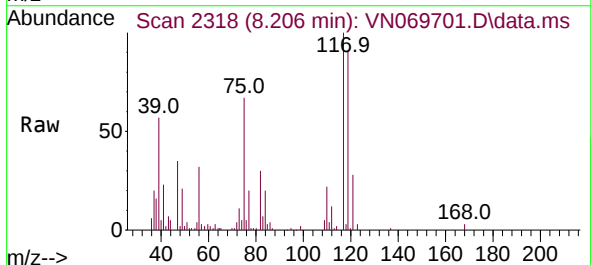
Delta R.T. 0.000 min

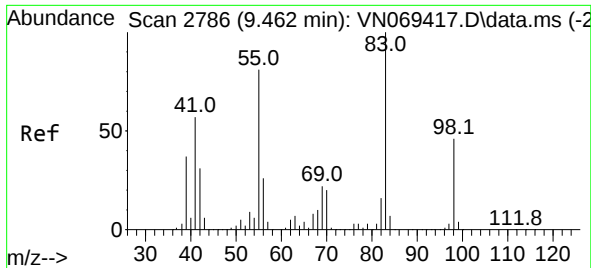
Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

Tgt Ion:117 Resp: 81615

Ion	Ratio	Lower	Upper
117	100		
119	91.0	76.1	114.1
121	27.8	24.2	36.2





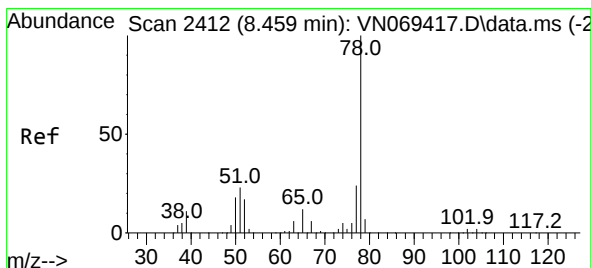
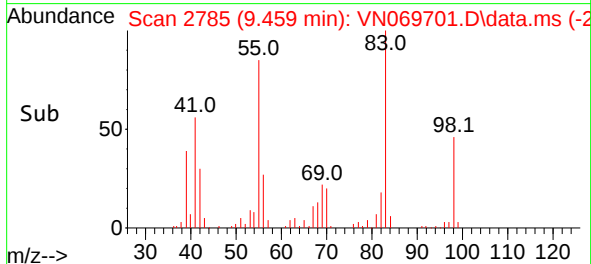
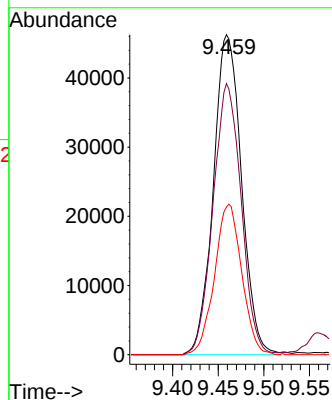
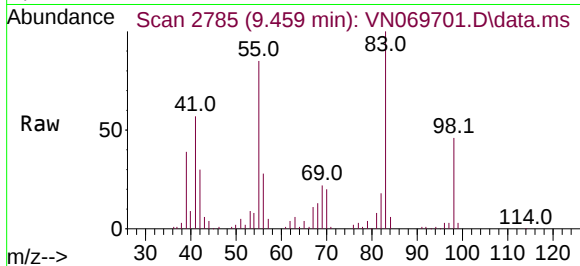
#39
Methylcyclohexane
Concen: 5.032 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 9933
Ion Ratio Lower Upper
83 100
55 84.7 58.1 87.1
98 46.1 38.4 57.6

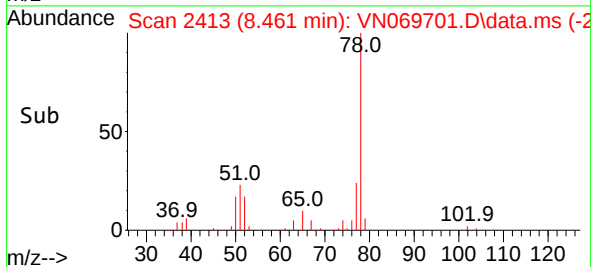
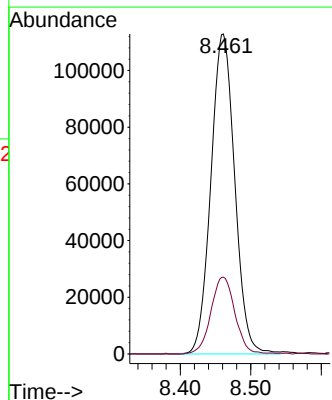
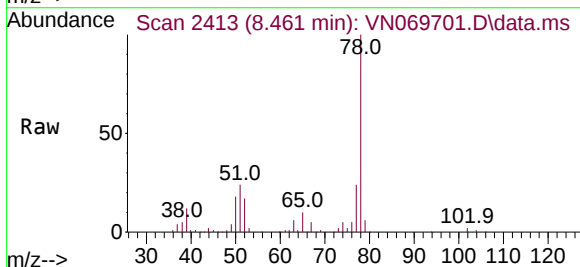
Manual Integrations
APPROVED

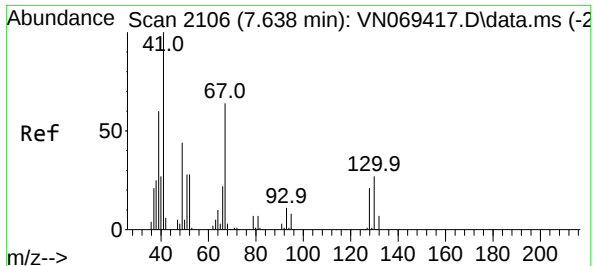
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#40
Benzene
Concen: 5.368 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

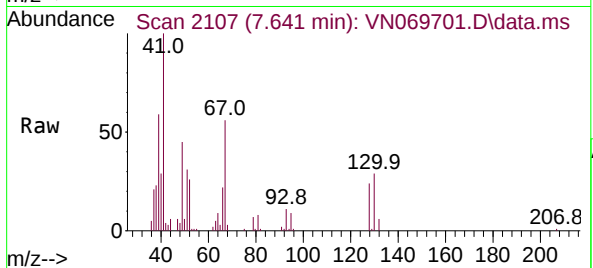
Tgt Ion: 78 Resp: 265089
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8





#41
Methacrylonitrile
Concen: 4.969 ug/l
RT: 7.641 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

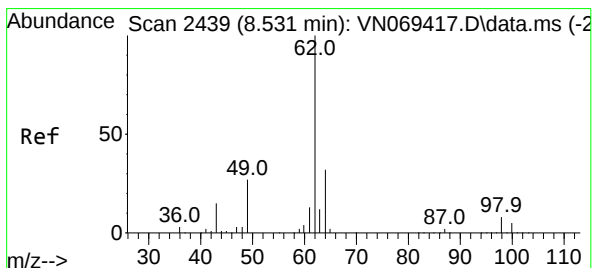
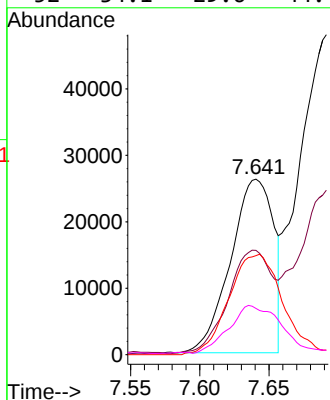
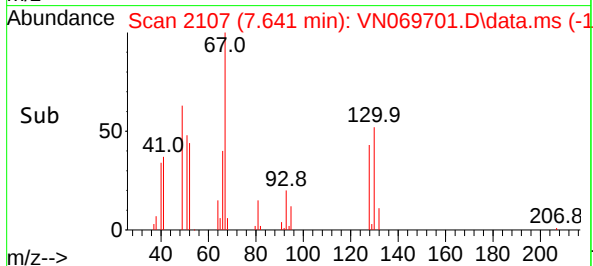
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 5643
Ion Ratio Lower Upper
41 100
39 61.9 48.1 72.1
67 72.1 68.3 102.5
52 34.1 29.6 44.4

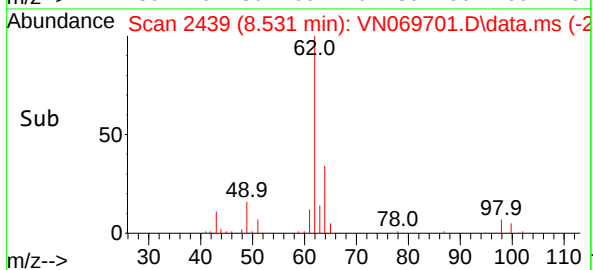
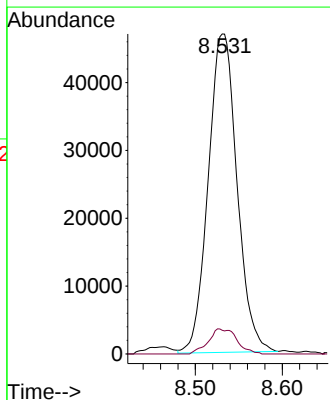
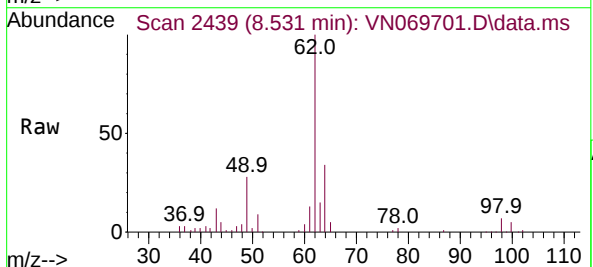
Manual Integrations
APPROVED

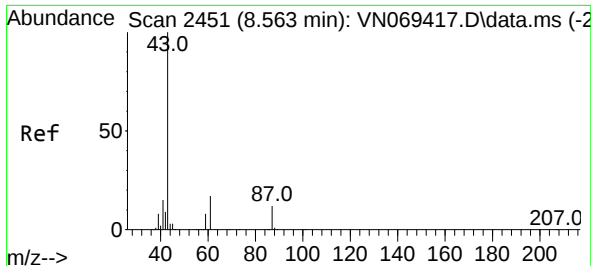
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 5.557 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

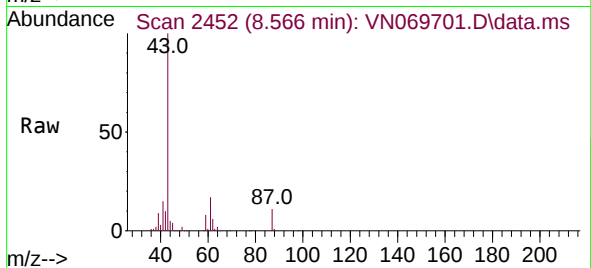
Tgt Ion: 62 Resp: 107973
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 5.304 ug/l
RT: 8.566 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

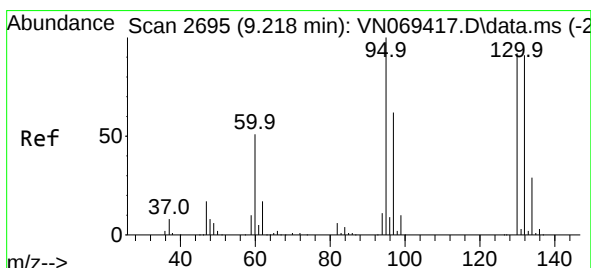
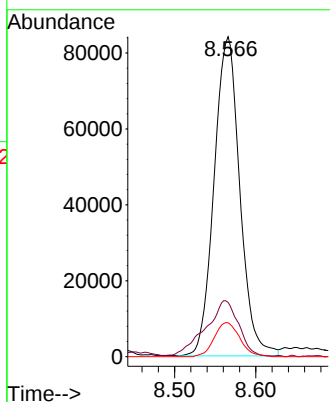
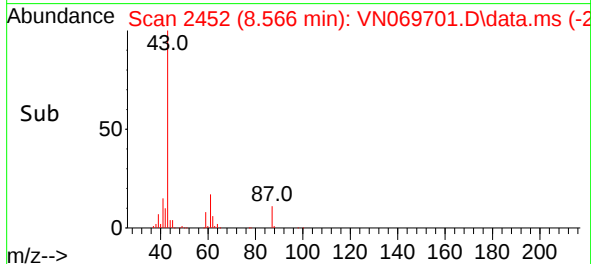
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 18495
Ion Ratio Lower Upper
43 100
61 22.2 20.4 30.6
87 10.6 11.2 16.8

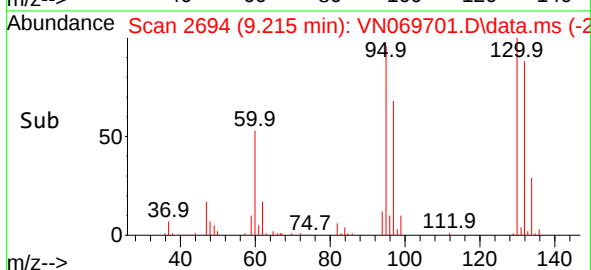
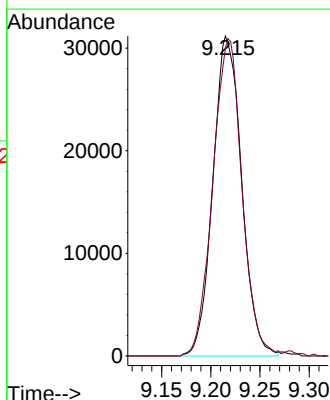
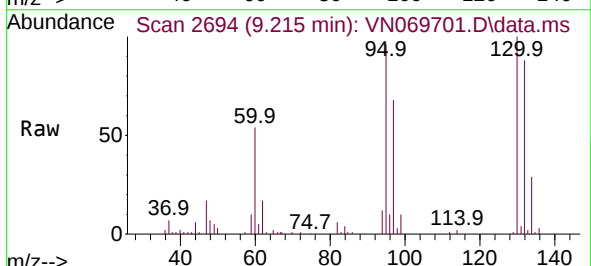
Manual Integrations
APPROVED

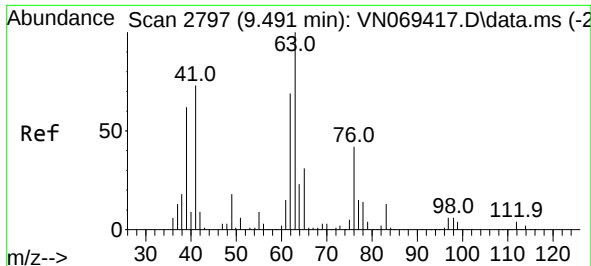
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 5.354 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Tgt Ion:130 Resp: 63322
Ion Ratio Lower Upper
130 100
95 96.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 5.489 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 7225

Ion Ratio Lower Upper

63 100

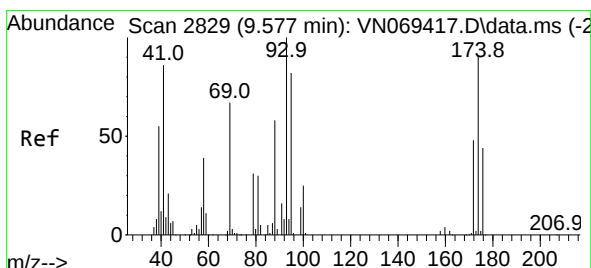
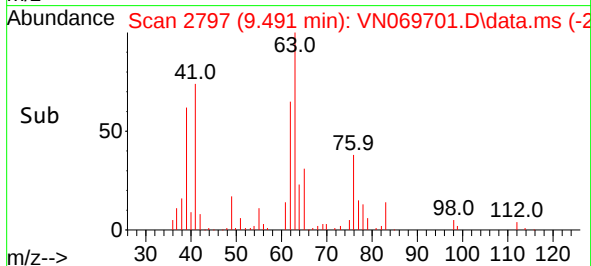
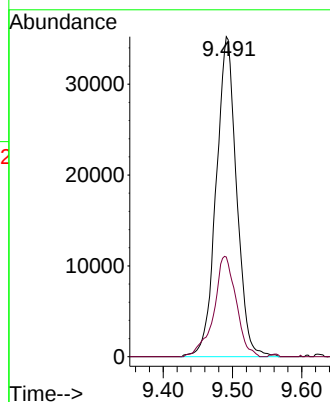
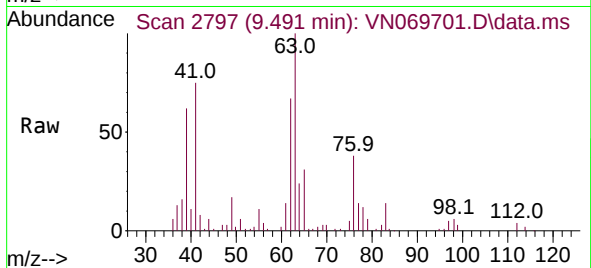
65 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#46

Dibromomethane

Concen: 5.416 ug/l

RT: 9.580 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

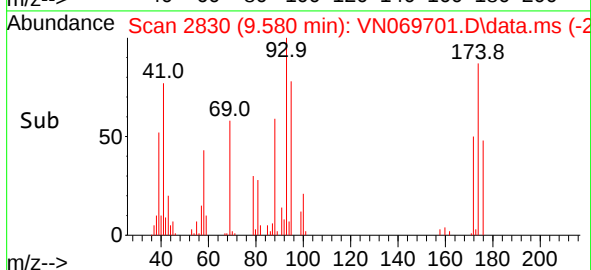
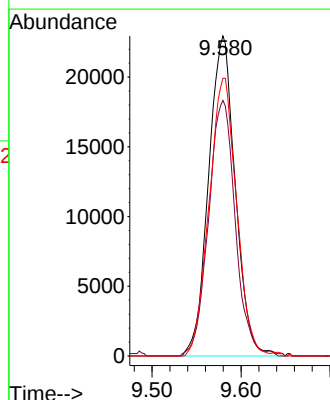
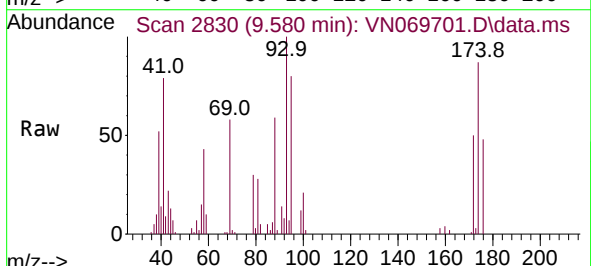
Tgt Ion: 93 Resp: 47683

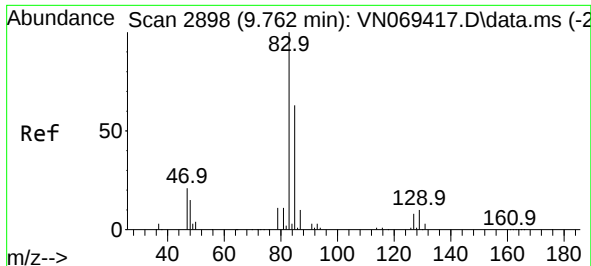
Ion Ratio Lower Upper

93 100

95 79.8 65.9 98.9

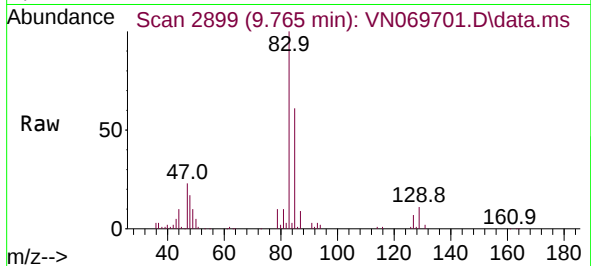
174 89.3 84.6 127.0





#47
Bromodichloromethane
Concen: 5.015 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

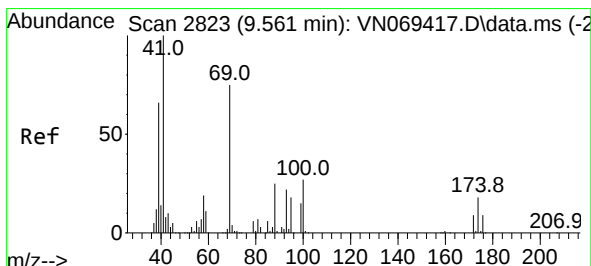
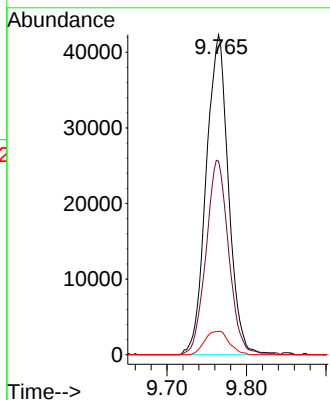
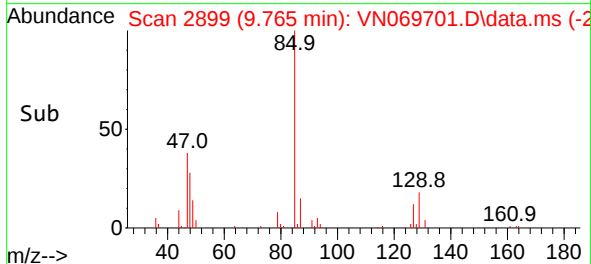
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 8238
Ion Ratio Lower Upper
83 100
85 60.5 50.9 76.3
127 7.2 7.1 10.7

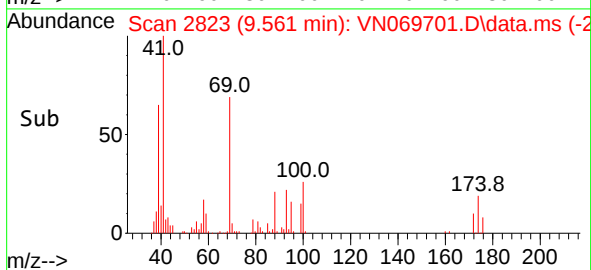
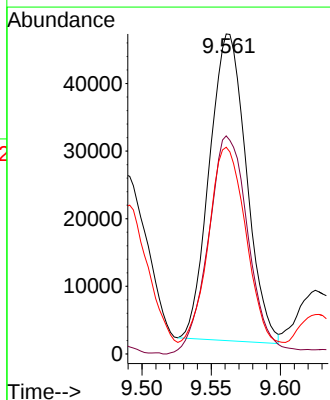
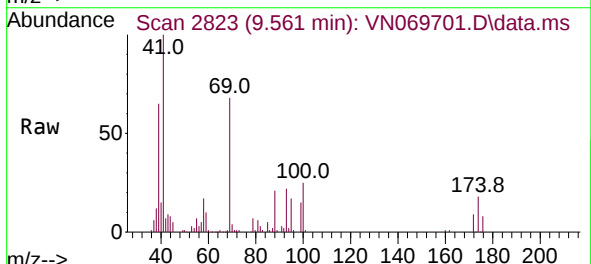
Manual Integrations
APPROVED

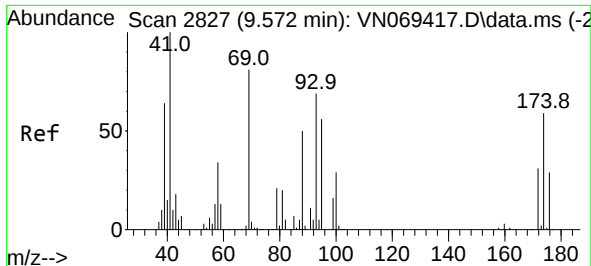
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 5.168 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Tgt Ion: 41 Resp: 84108
Ion Ratio Lower Upper
41 100
69 76.7 72.4 108.6
39 69.9 58.4 87.6





#49

1,4-Dioxane

Concen: 109.562 ug/l

RT: 9.574 min Scan# 2827

Delta R.T. 0.003 min

Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 3205

Ion Ratio Lower Upper

88 100

43 34.0 23.4 35.2

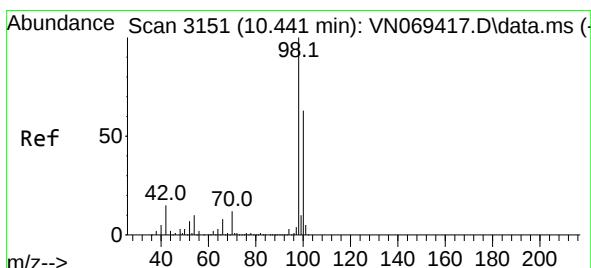
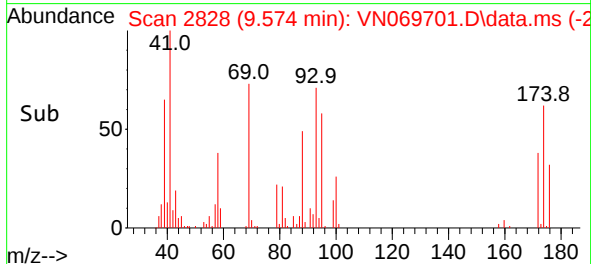
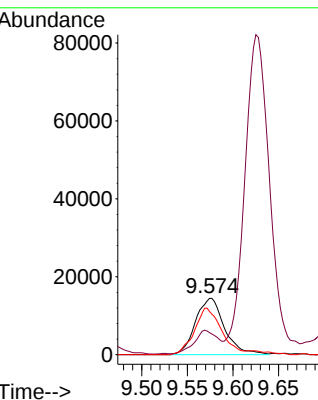
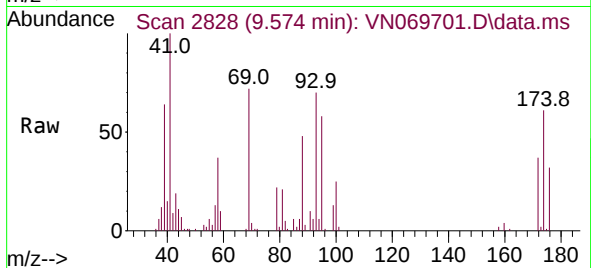
58 76.6 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#50

Toluene-d8

Concen: 4.806 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.002 min

Lab File: VN069701.D

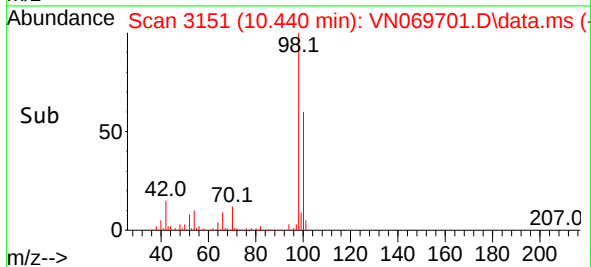
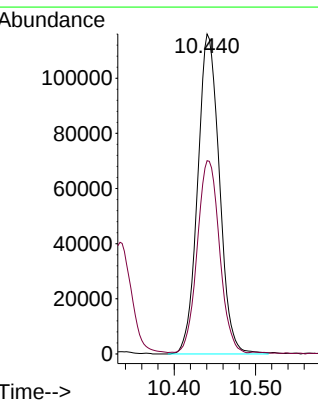
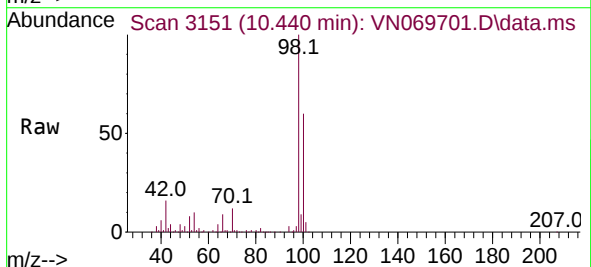
Acq: 2 Dec 2021 18:04

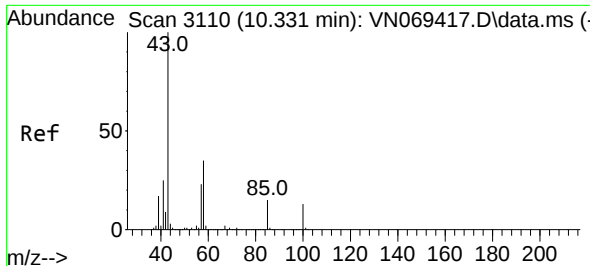
Tgt Ion: 98 Resp: 215173

Ion Ratio Lower Upper

98 100

100 61.6 50.4 75.6





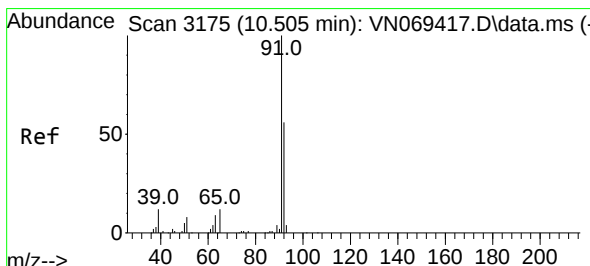
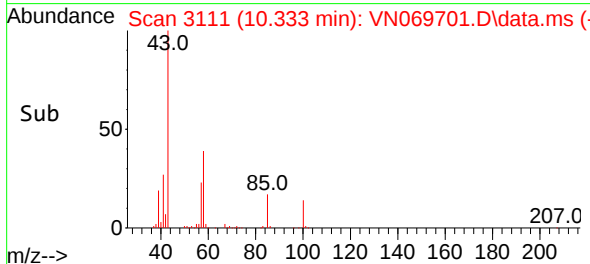
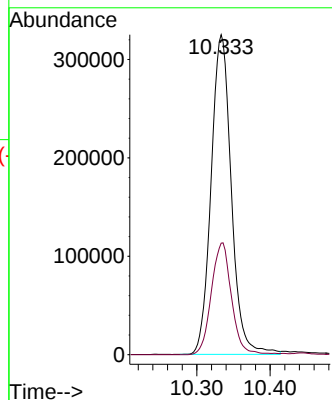
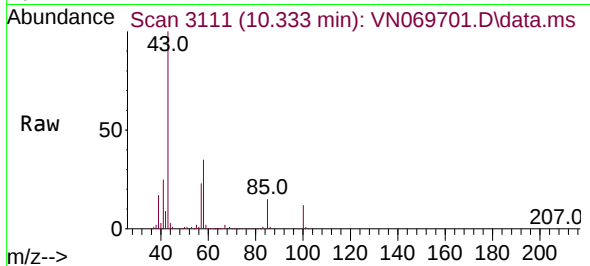
#51
4-Methyl-2-Pentanone
Concen: 27.556 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 622310
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

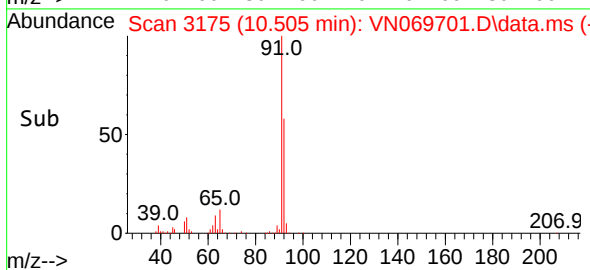
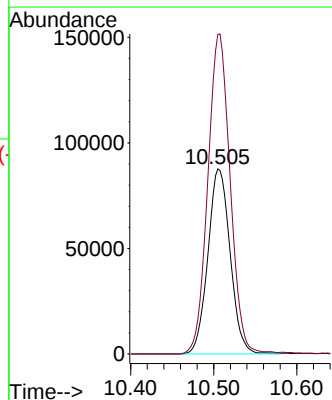
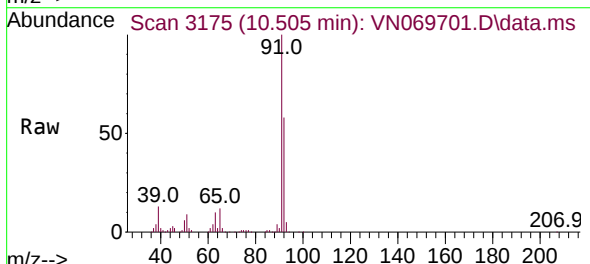
Manual Integrations
APPROVED

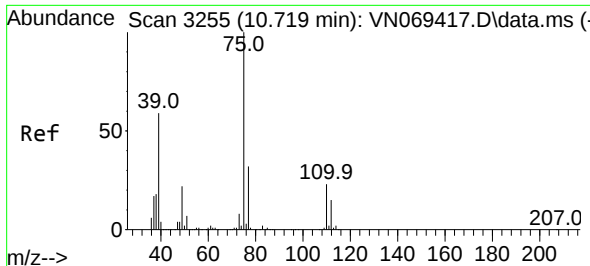
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 5.334 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

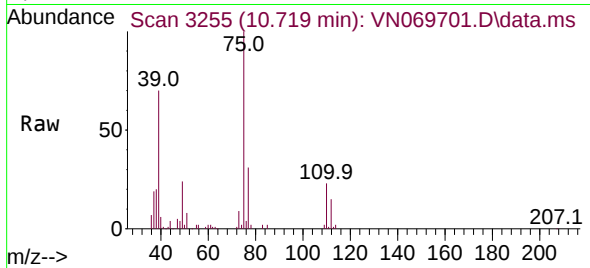
Tgt Ion: 92 Resp: 163105
Ion Ratio Lower Upper
92 100
91 173.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 4.565 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

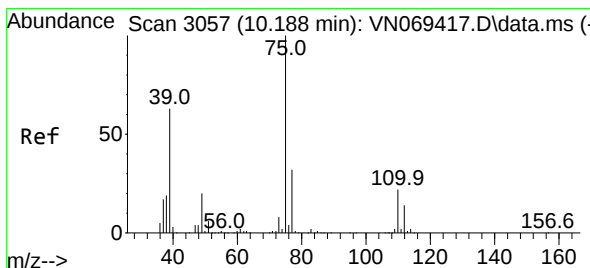
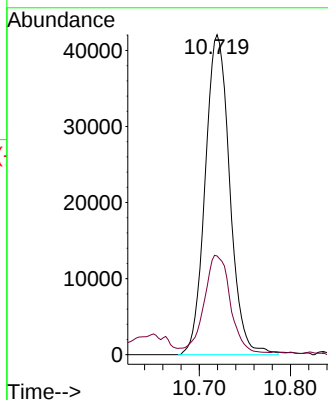
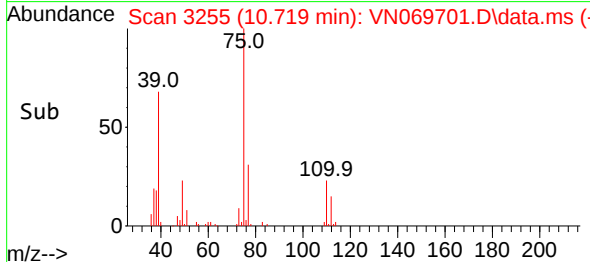
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



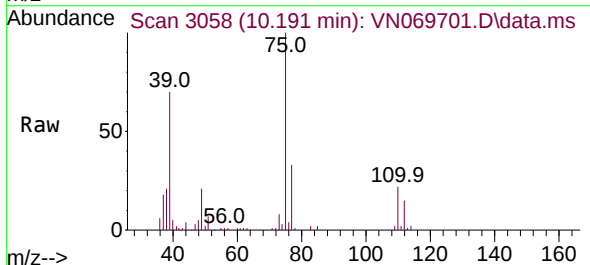
Tgt Ion: 75 Resp: 78700
Ion Ratio Lower Upper
75 100
77 30.0 25.6 38.4

Manual Integrations
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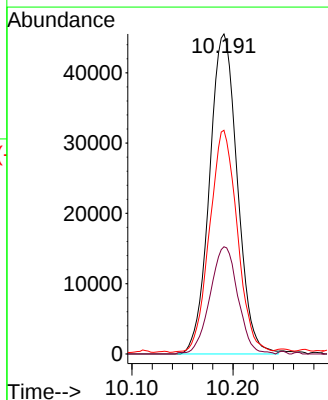
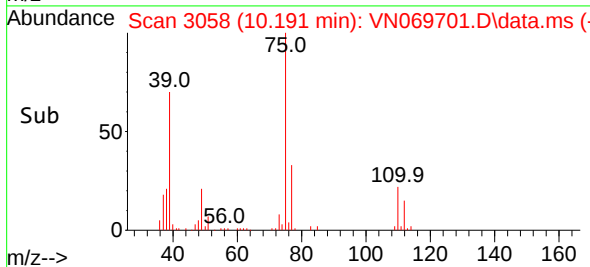
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

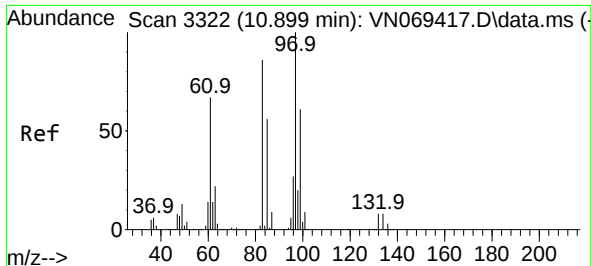


#54
cis-1,3-Dichloropropene
Concen: 4.635 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04



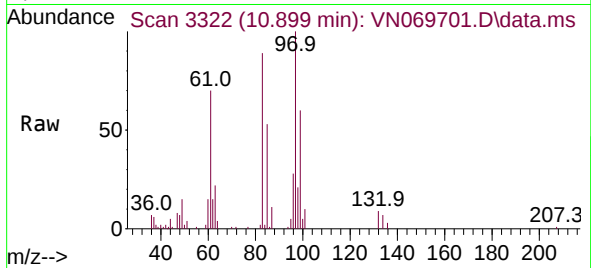
Tgt Ion: 75 Resp: 87204
Ion Ratio Lower Upper
75 100
77 33.1 26.4 39.6
39 69.1 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 5.373 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

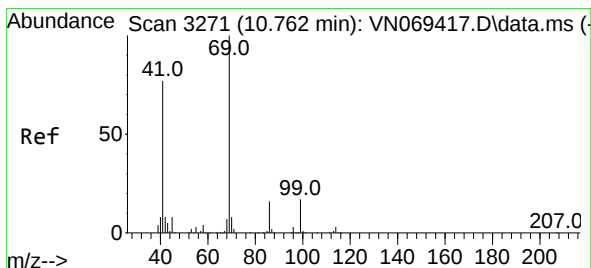
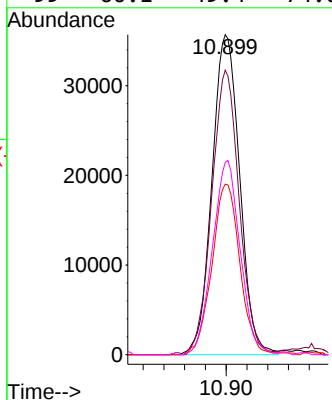
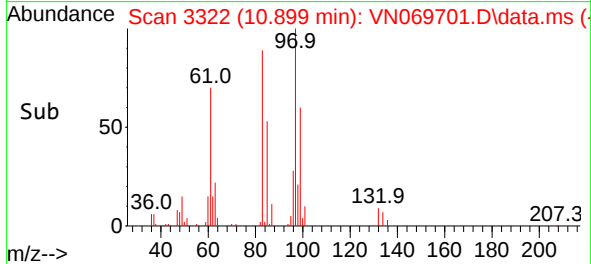
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



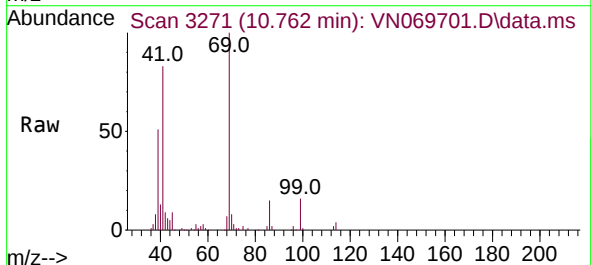
Tgt Ion:	97	Resp:	66120
Ion Ratio	100	Lower	Upper
97	100		
83	88.3	67.8	101.6
85	53.3	45.4	68.2
99	60.1	49.4	74.0

Manual Integrations
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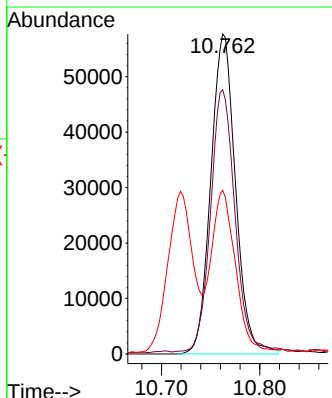
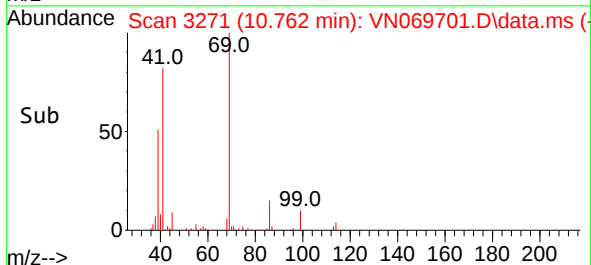
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

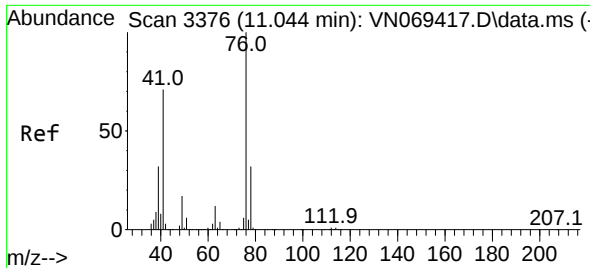


#56
Ethyl methacrylate
Concen: 4.909 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04



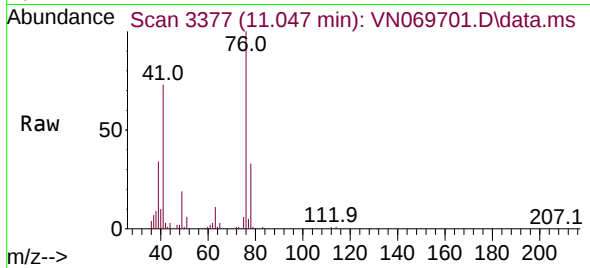
Tgt Ion:	69	Resp:	100830
Ion Ratio	100	Lower	Upper
69	100		
41	81.4	51.4	77.0
39	49.0	34.6	52.0





#57
1,3-Dichloropropane
Concen: 5.244 ug/l
RT: 11.047 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

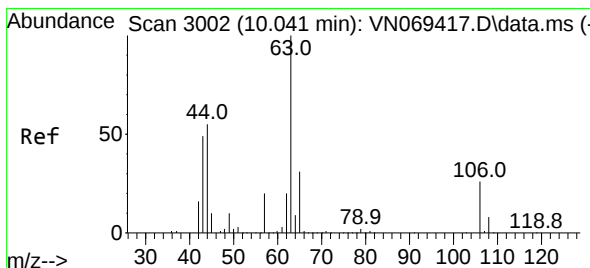
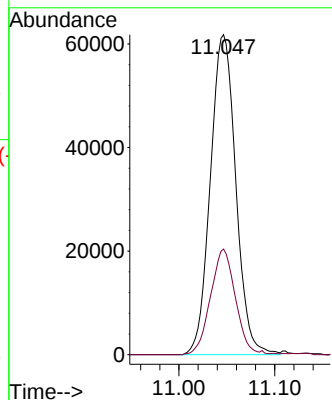
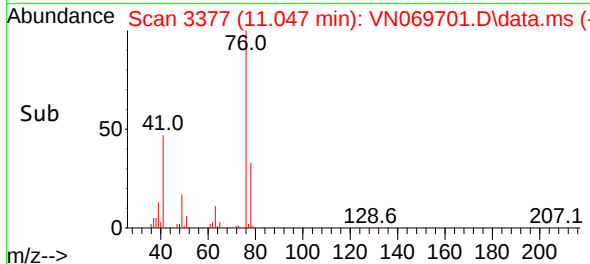
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



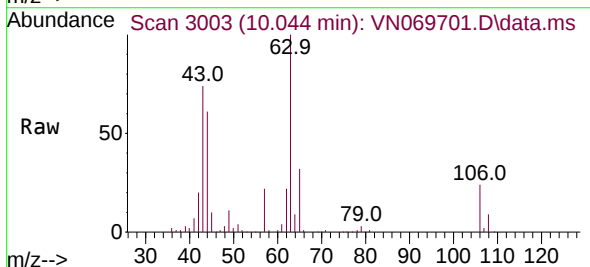
Tgt Ion: 76 Resp: 11388
Ion Ratio Lower Upper
76 100
78 32.3 25.7 38.5

Manual Integrations
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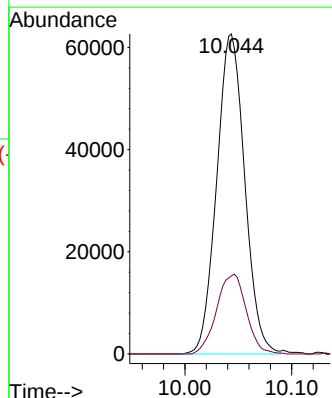
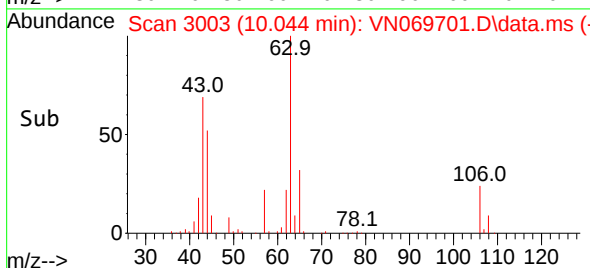
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

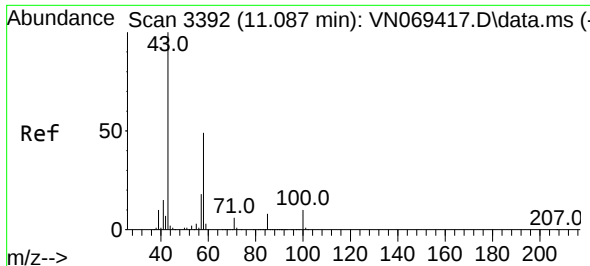


#58
2-Chloroethyl Vinyl ether
Concen: 23.426 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04



Tgt Ion: 63 Resp: 114160
Ion Ratio Lower Upper
63 100
106 26.4 23.9 35.9





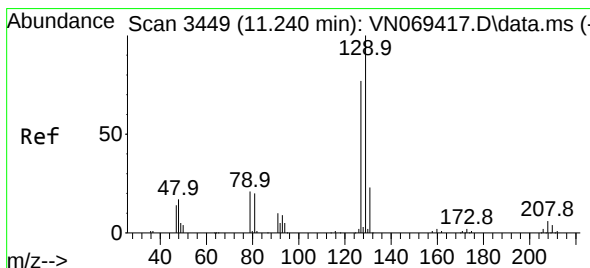
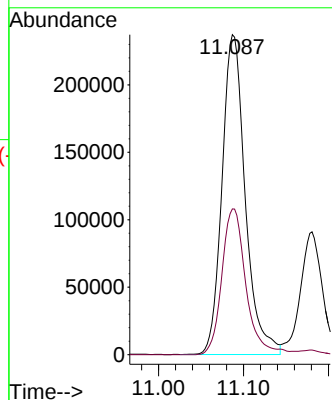
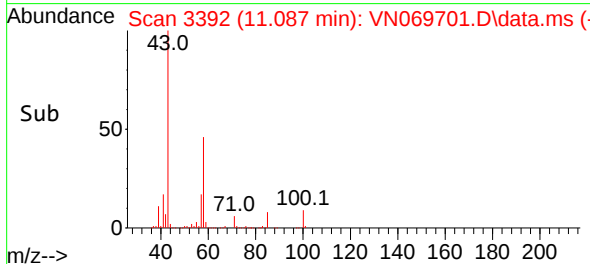
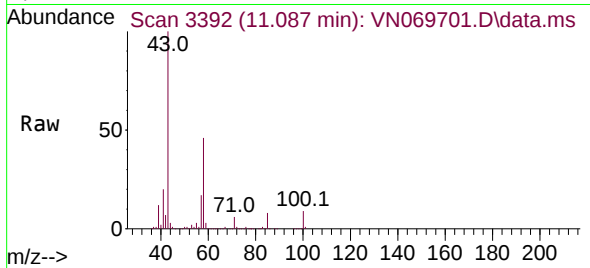
#59
2-Hexanone
Concen: 26.725 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 450434
Ion Ratio Lower Upper
43 100
58 47.3 26.9 80.7

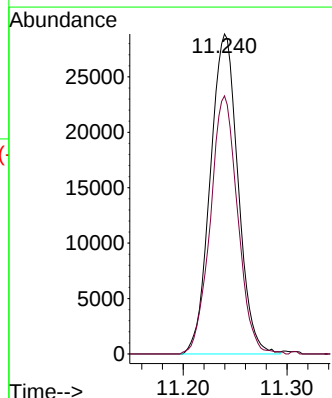
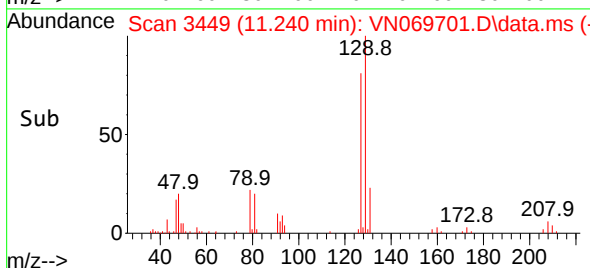
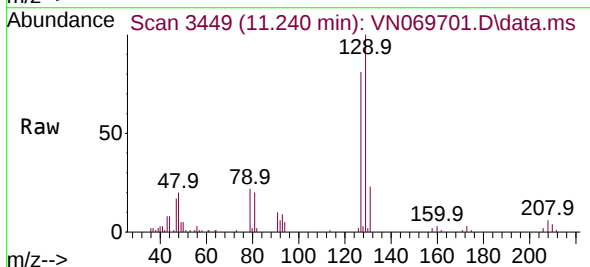
Manual Integrations
APPROVED

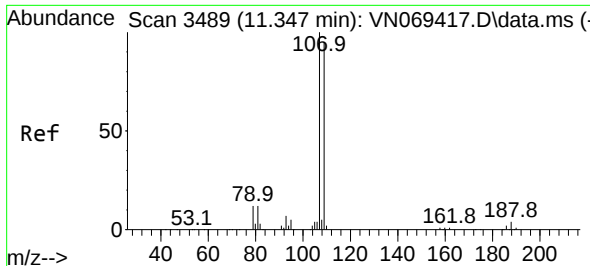
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 4.636 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

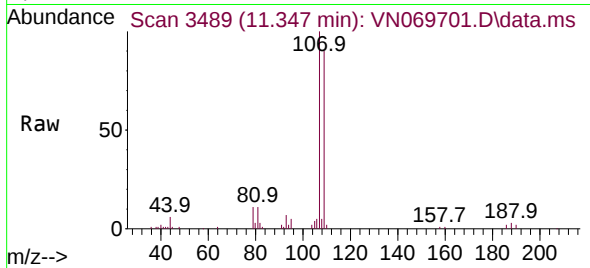
Tgt Ion:129 Resp: 53646
Ion Ratio Lower Upper
129 100
127 79.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 5.280 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

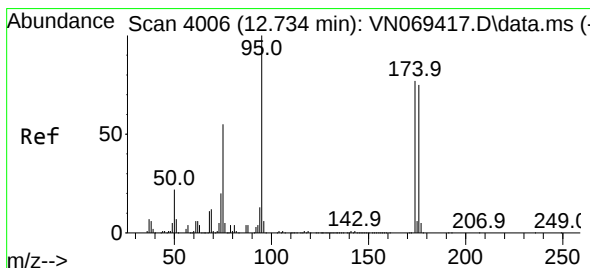
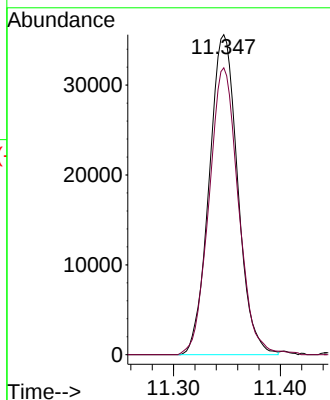
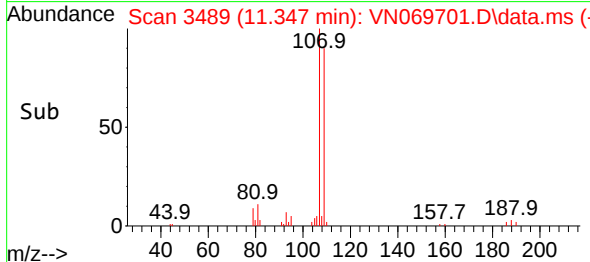
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



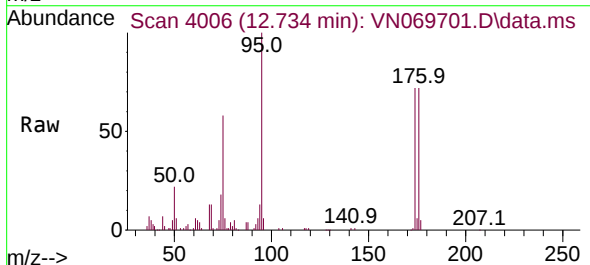
Tgt Ion:107 Resp: 6605
Ion Ratio Lower Upper
107 100
109 92.4 75.7 113.5

Manual Integrations
APPROVED

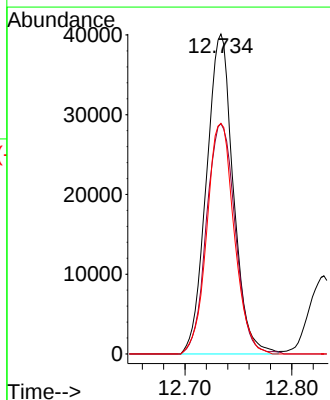
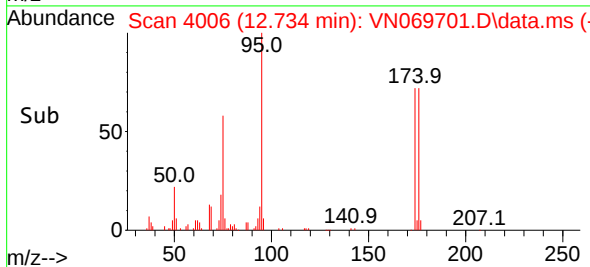
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

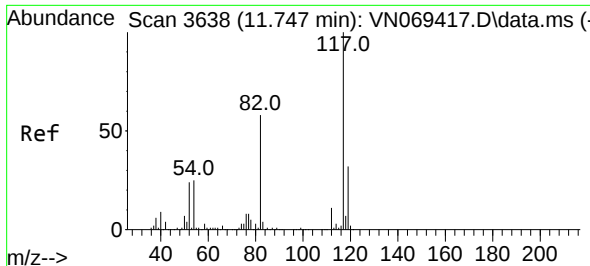


#62
4-Bromofluorobenzene
Concen: 4.286 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04



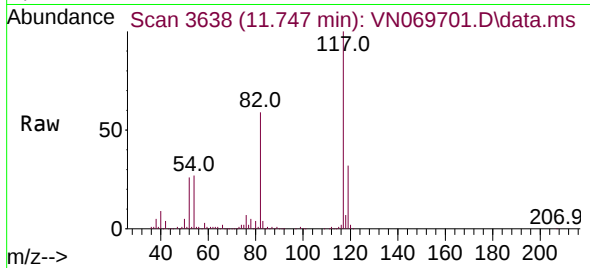
Tgt Ion: 95 Resp: 70195
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

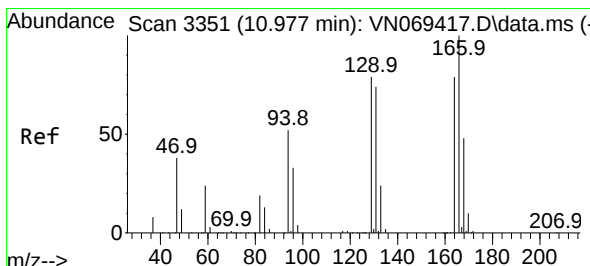
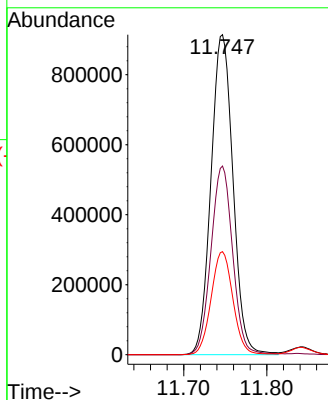
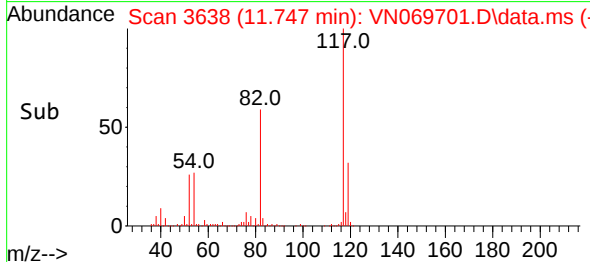
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



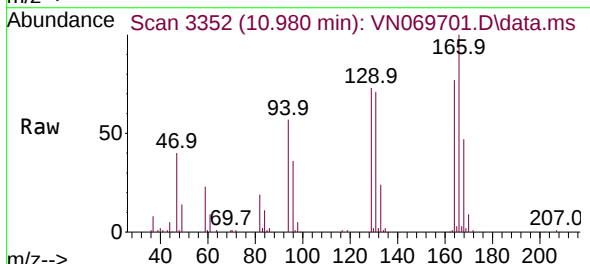
Tgt Ion:117 Resp: 168398
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
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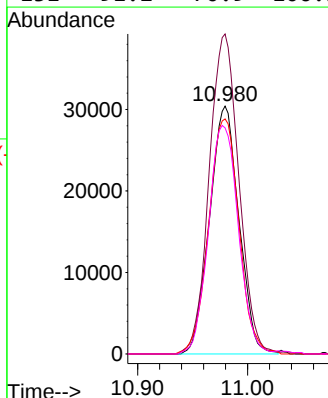
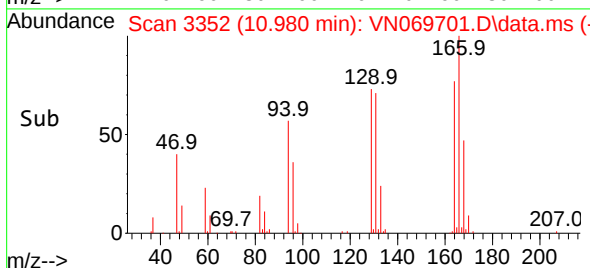
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#64
Tetrachloroethene
Concen: 5.374 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04



Tgt Ion:164 Resp: 56431
Ion Ratio Lower Upper
164 100
166 129.2 101.9 152.9
129 94.3 72.0 108.0
131 91.2 70.9 106.3





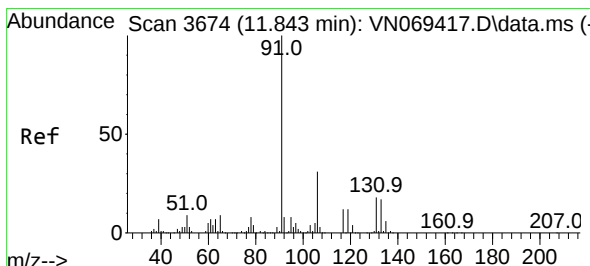
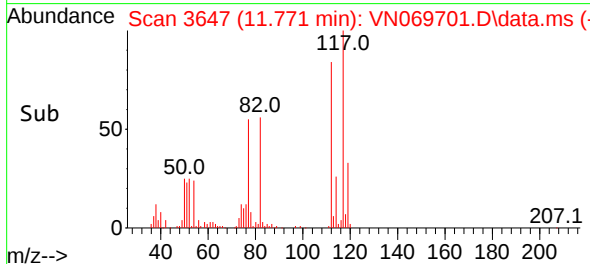
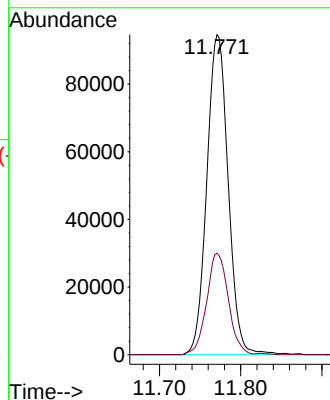
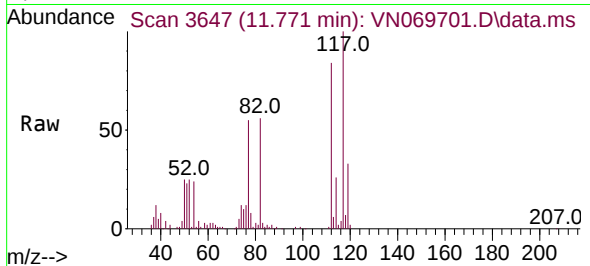
#65
Chlorobenzene
Concen: 5.359 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 17234
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

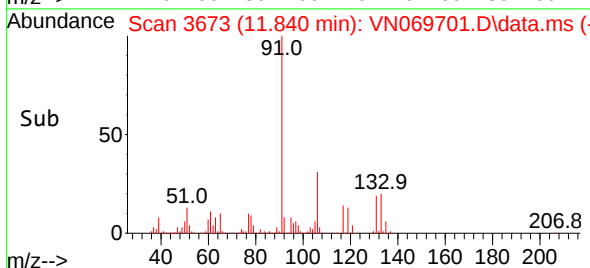
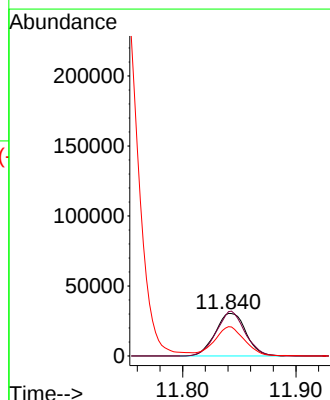
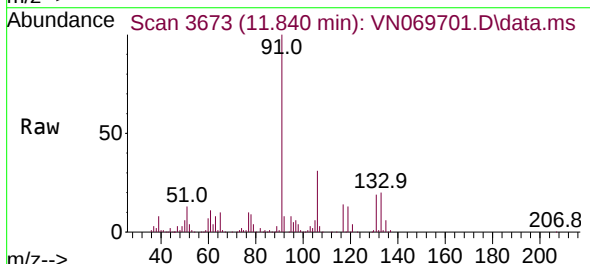
Manual Integrations
APPROVED

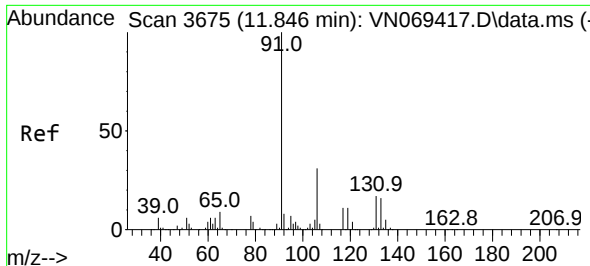
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 5.121 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.002 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

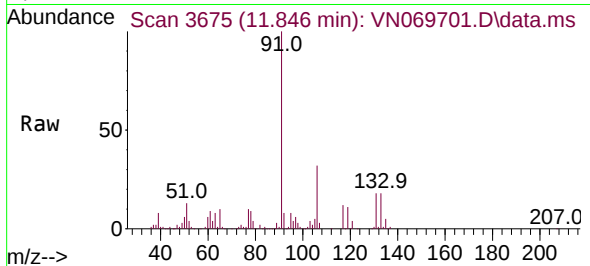
Tgt Ion:131 Resp: 57261
Ion Ratio Lower Upper
131 100
133 98.1 47.9 143.7
119 65.3 32.1 96.5





#67
Ethyl Benzene
Concen: 5.044 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

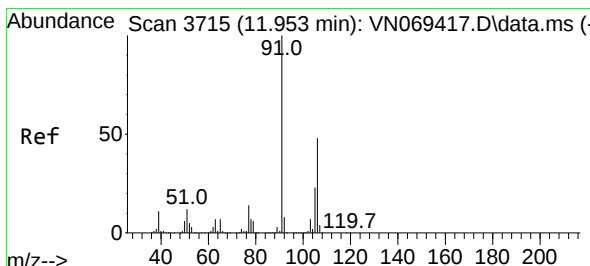
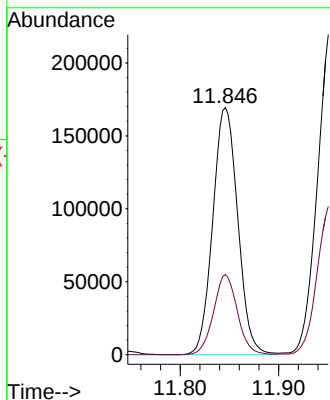
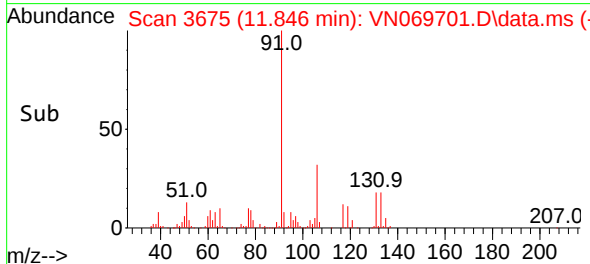
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 299478
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5

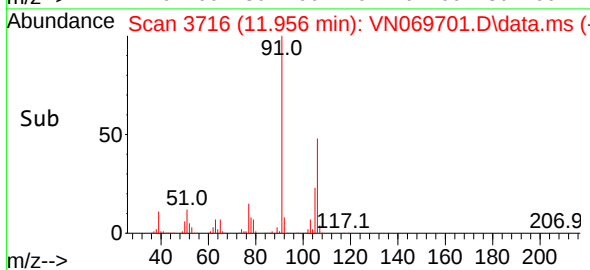
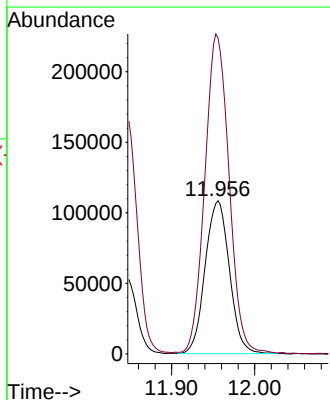
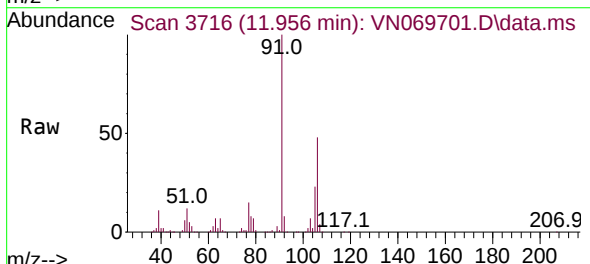
Manual Integrations
APPROVED

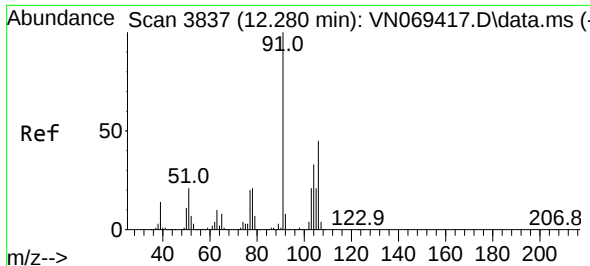
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 10.097 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Tgt Ion:106 Resp: 219634
Ion Ratio Lower Upper
106 100
91 208.2 160.6 240.8





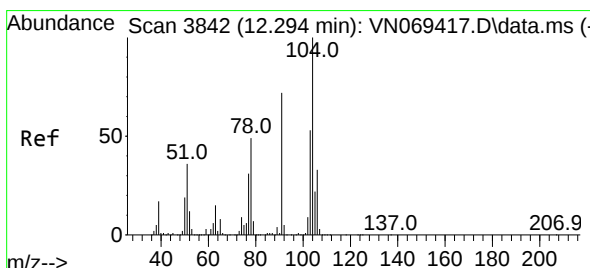
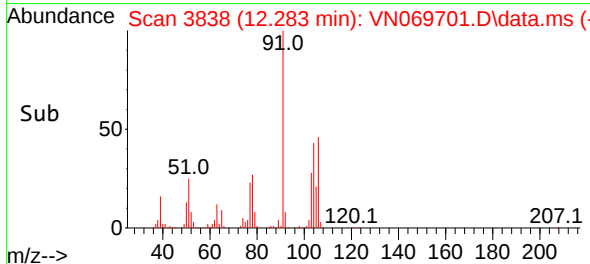
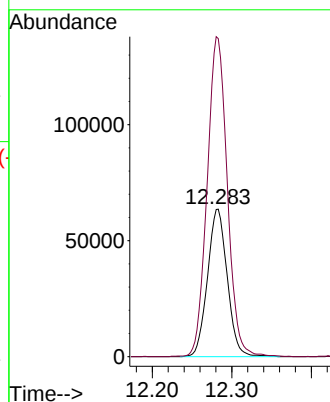
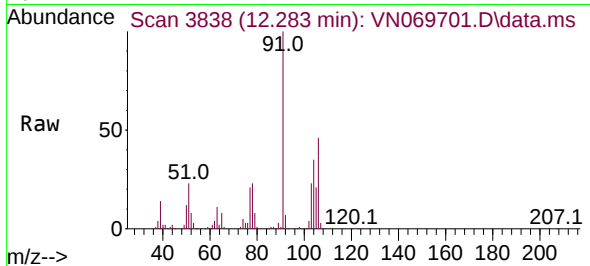
#69
o-Xylene
Concen: 5.060 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 109835
Ion Ratio Lower Upper
106 100
91 221.9 105.8 317.3

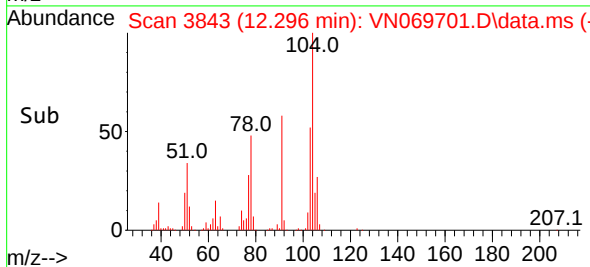
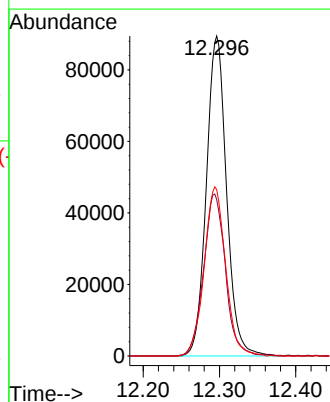
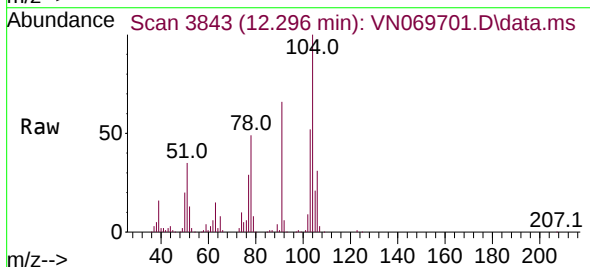
Manual Integrations
APPROVED

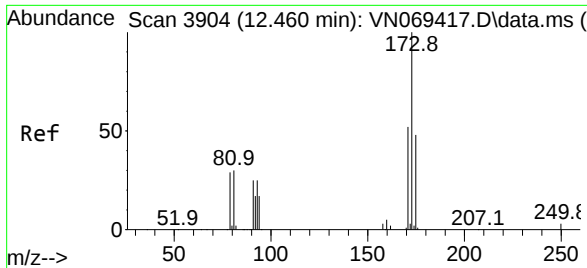
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#70
Styrene
Concen: 4.713 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

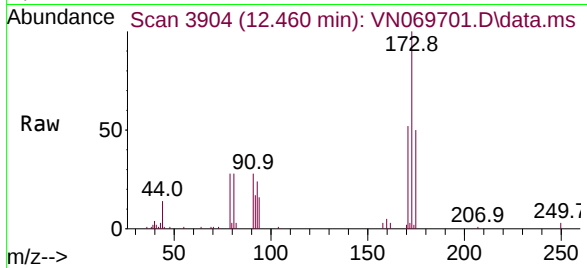
Tgt Ion:104 Resp: 164407
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 56.2 45.0 67.6





#71
Bromoform
Concen: 4.530 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

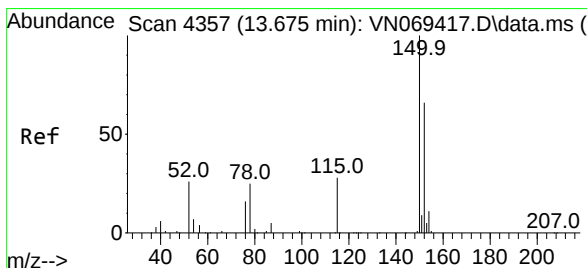
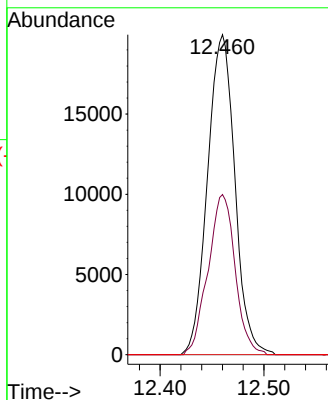
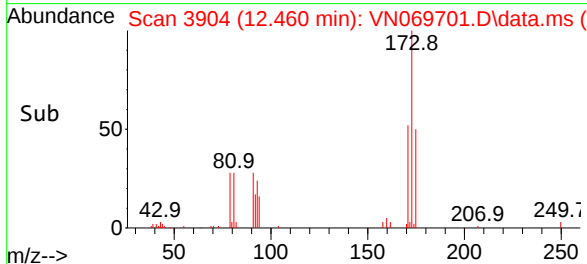
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



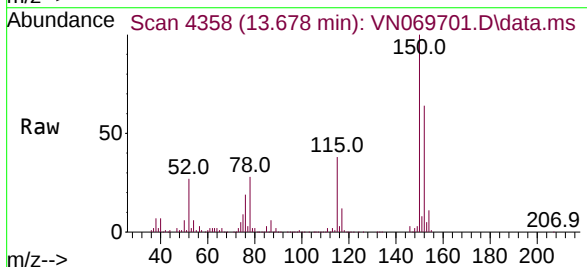
Tgt Ion:173 Resp: 36470
Ion Ratio Lower Upper
173 100
175 49.6 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

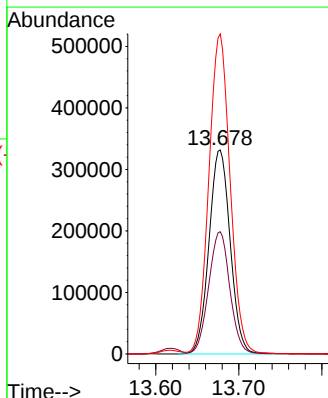
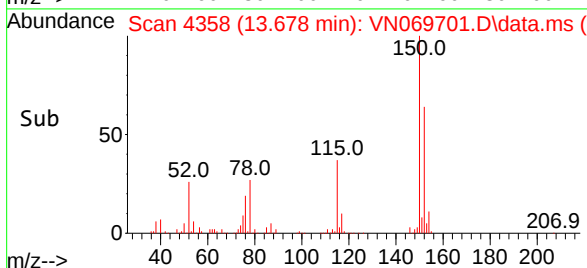
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

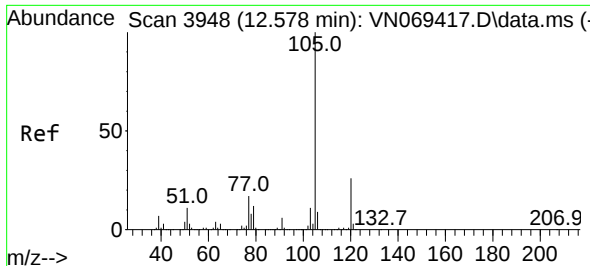


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04



Tgt Ion:152 Resp: 587330
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 157.3 0.0 344.4





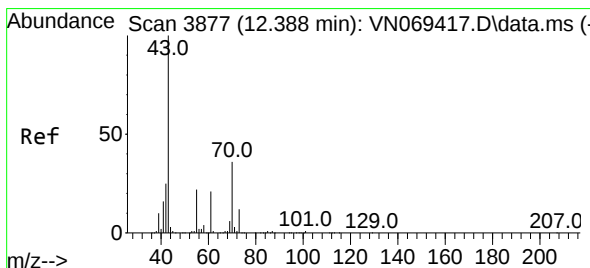
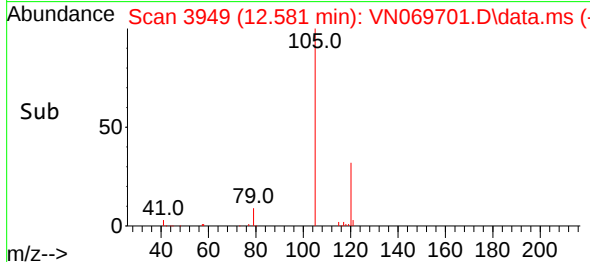
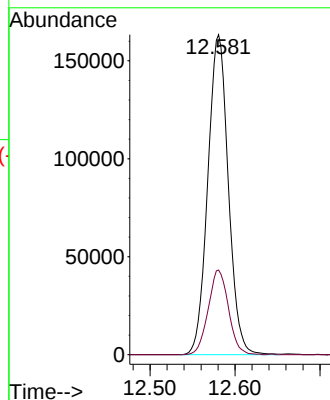
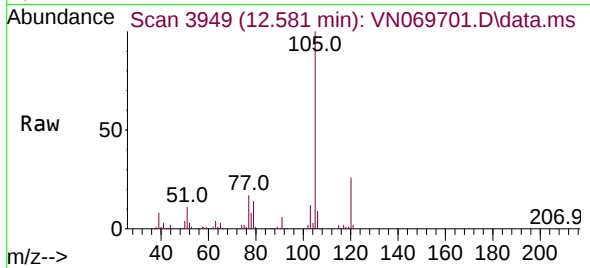
#73
Isopropylbenzene
Concen: 5.703 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 27414
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

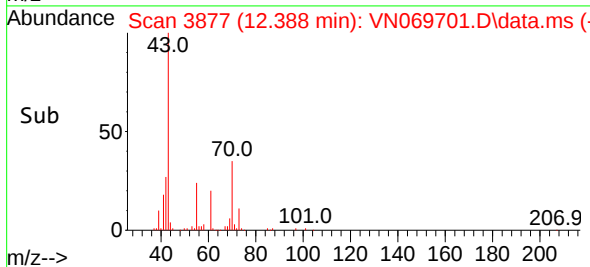
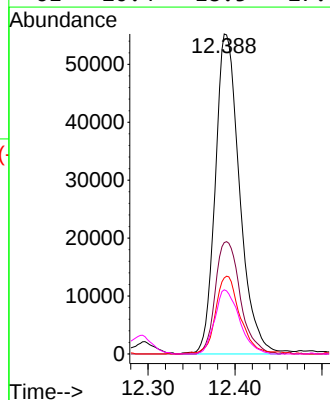
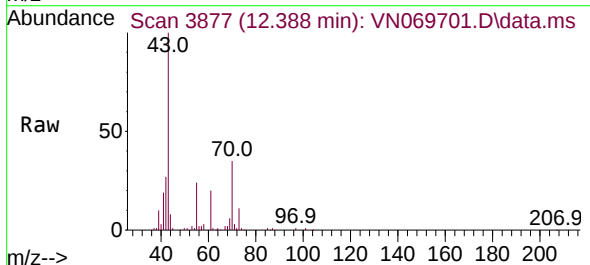
Manual Integrations
APPROVED

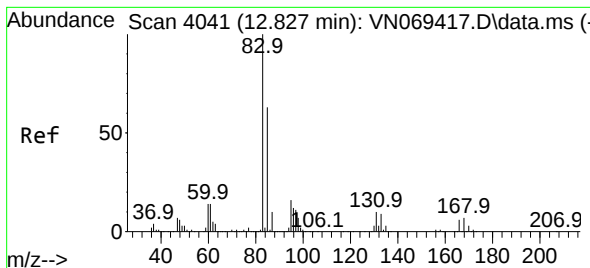
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#74
N-ethyl acetate
Concen: 5.213 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Tgt Ion: 43 Resp: 107210
Ion Ratio Lower Upper
43 100
70 36.0 33.4 50.0
55 24.5 19.3 28.9
61 20.4 18.5 27.7





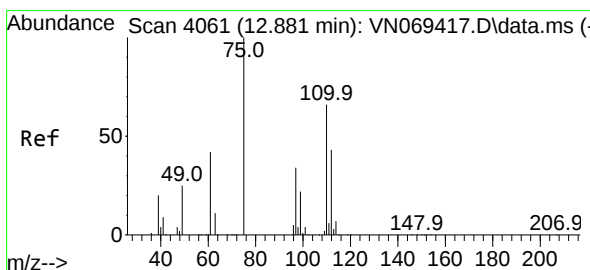
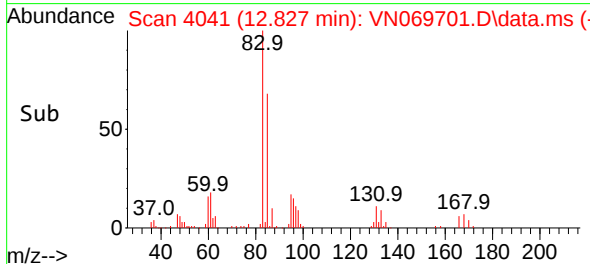
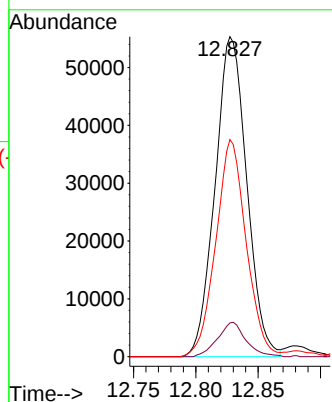
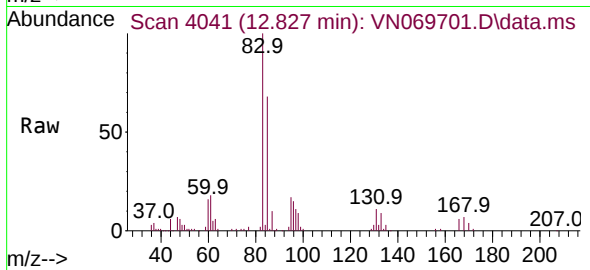
#75
 1,1,2,2-Tetrachloroethane
 Concen: 6.006 ug/l
 RT: 12.827 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: VN069701.D
 Acq: 2 Dec 2021 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 83 Resp: 9783
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.5 16.5
 85 64.9 32.4 97.2

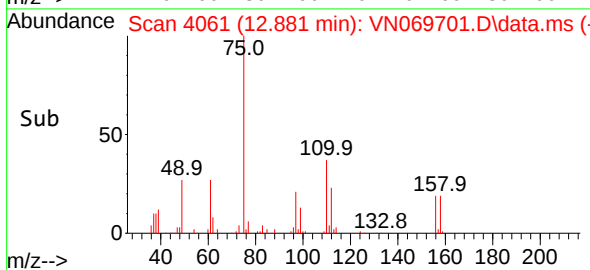
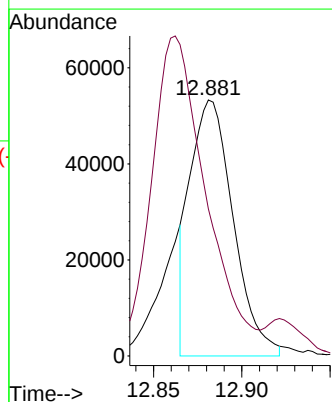
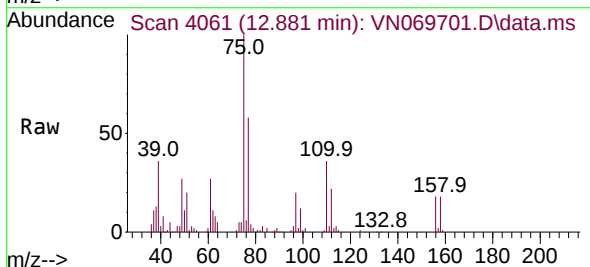
Manual Integrations
 APPROVED

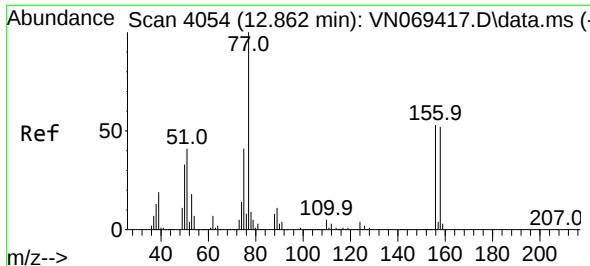
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#76
 1,2,3-Trichloropropane
 Concen: 5.968 ug/l m
 RT: 12.881 min Scan# 4061
 Delta R.T. 0.000 min
 Lab File: VN069701.D
 Acq: 2 Dec 2021 18:04

Tgt Ion: 75 Resp: 90697
 Ion Ratio Lower Upper
 75 100
 77 158.5 82.6 247.8





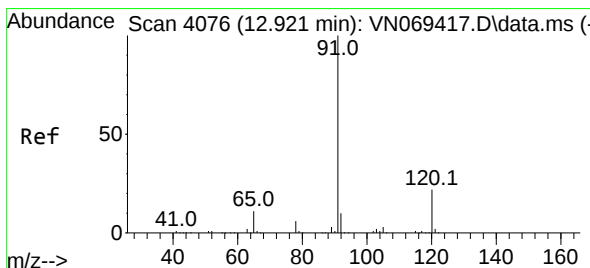
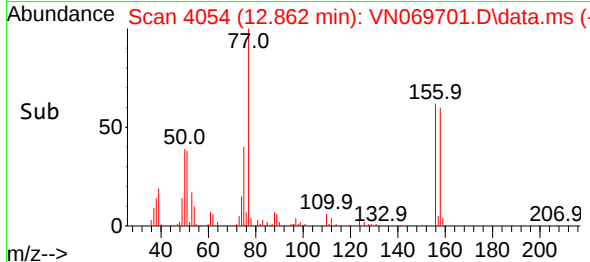
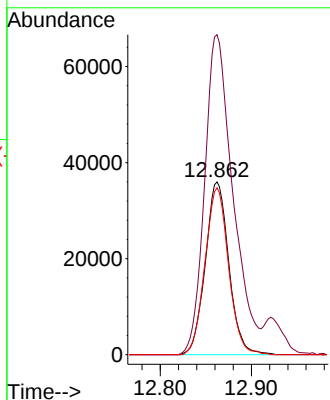
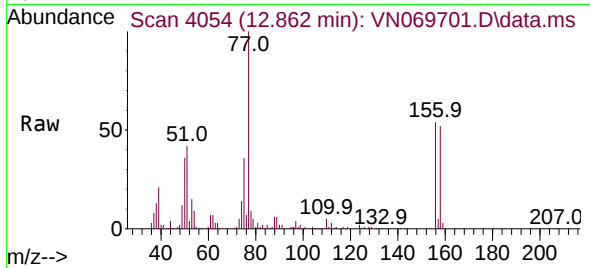
#77
Bromobenzene
Concen: 5.839 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 64468
Ion Ratio Lower Upper
156 100
77 223.0 90.6 271.8
158 96.8 48.9 146.7

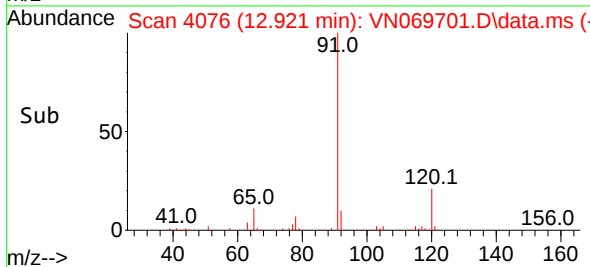
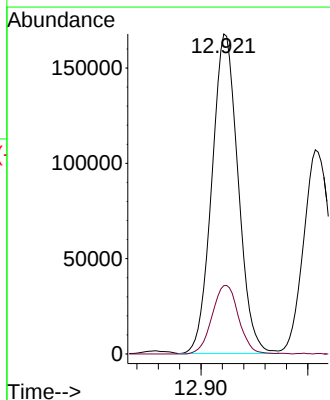
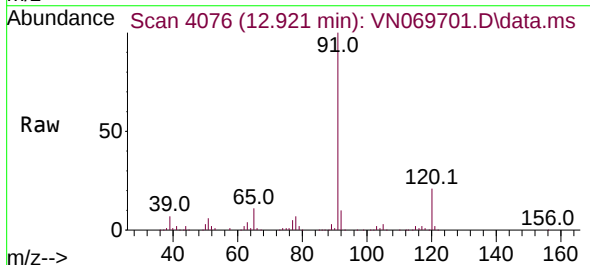
Manual Integrations
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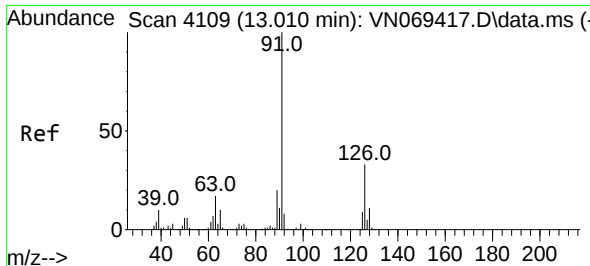
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 5.293 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Tgt Ion: 91 Resp: 286395
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9





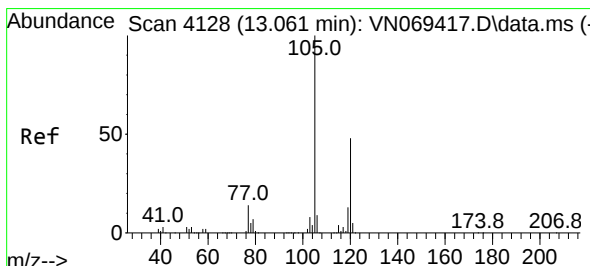
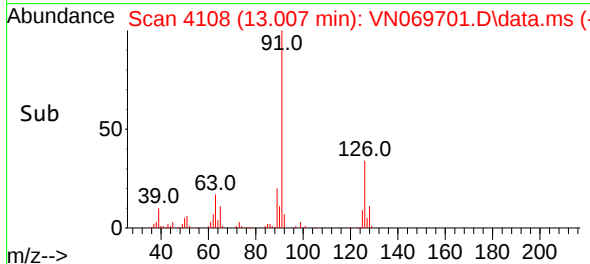
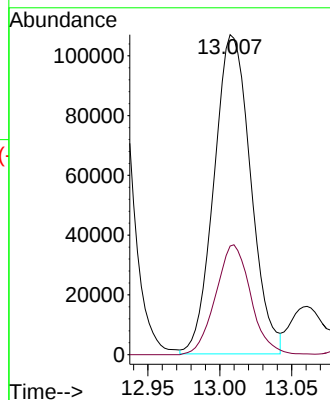
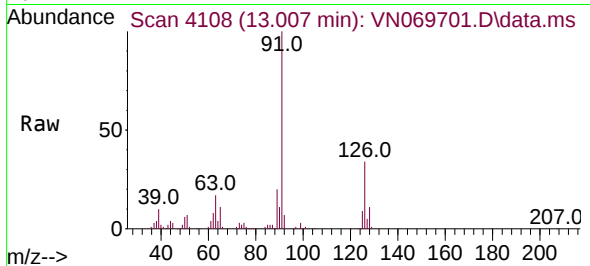
#79
2-Chlorotoluene
Concen: 5.644 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 189528
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8

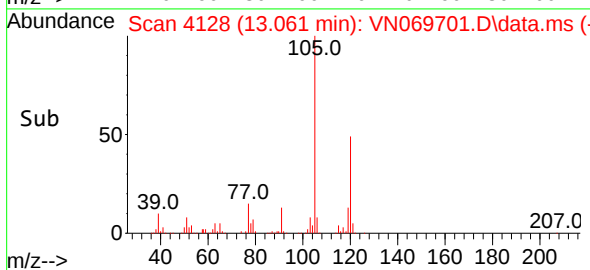
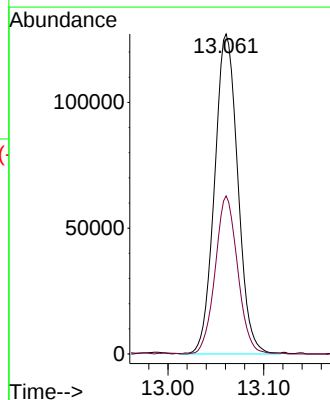
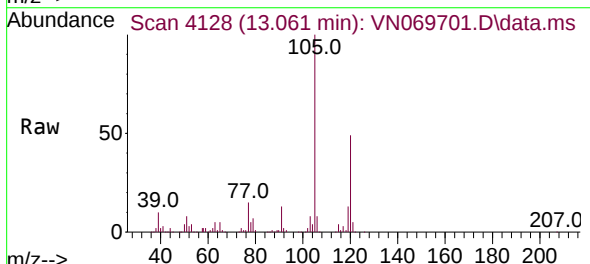
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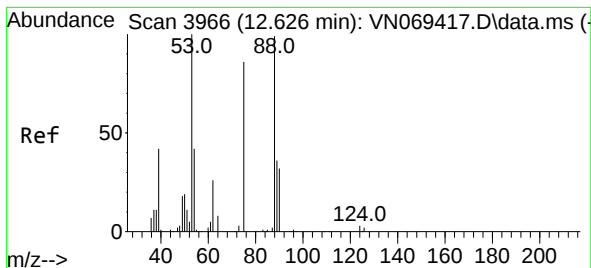
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 5.505 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Tgt Ion:105 Resp: 214156
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6





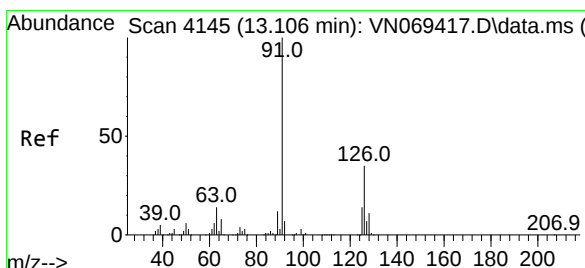
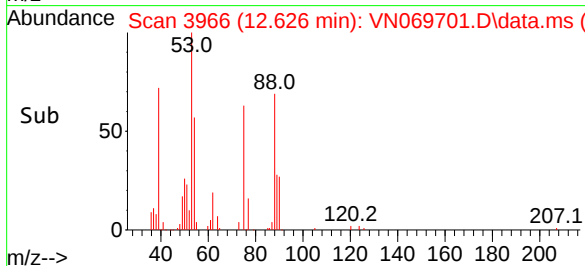
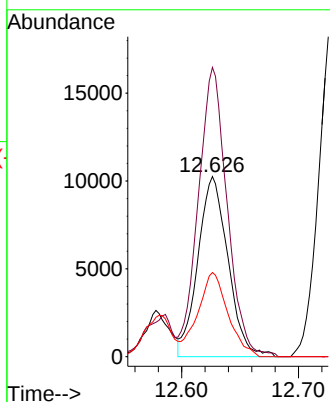
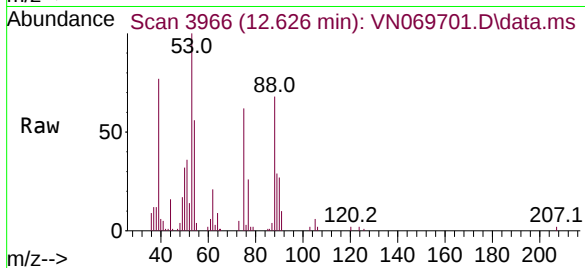
#81
trans-1,4-Dichloro-2-butene
Concen: 4.298 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 1835
Ion Ratio Lower Upper
75 100
53 153.9 90.5 135.7
89 46.7 38.2 57.4

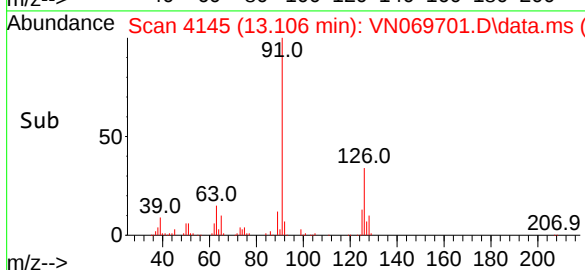
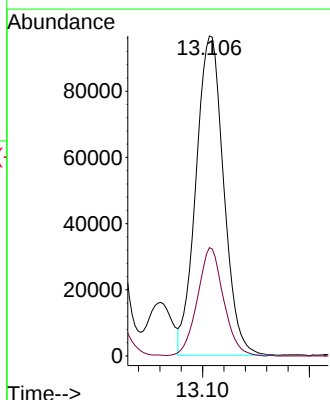
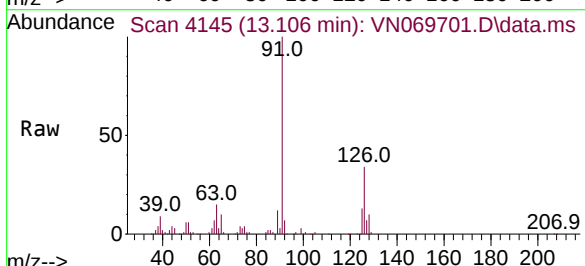
Manual Integrations
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Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#82
4-Chlorotoluene
Concen: 5.428 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

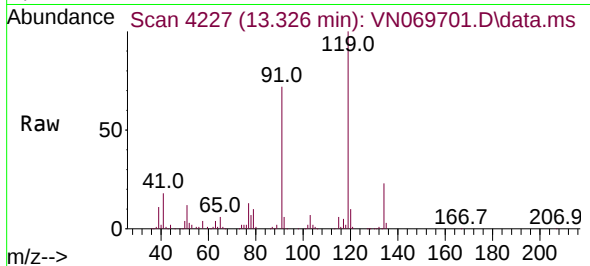
Tgt Ion: 91 Resp: 173564
Ion Ratio Lower Upper
91 100
126 32.1 18.2 54.6





#83
tert-Butylbenzene
Concen: 5.586 ug/l
RT: 13.326 min Scan# 4226
Delta R.T. 0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

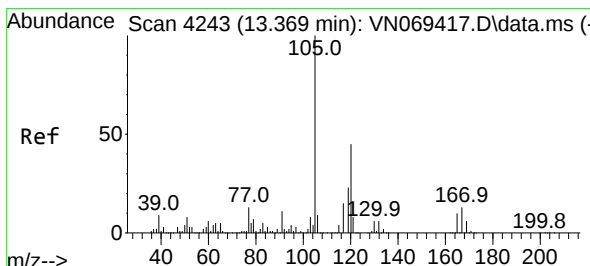
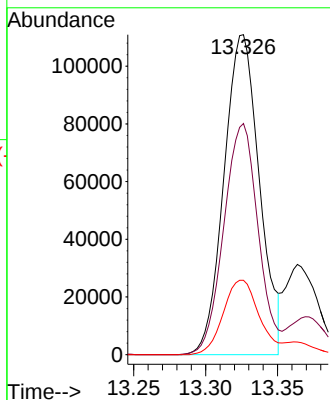
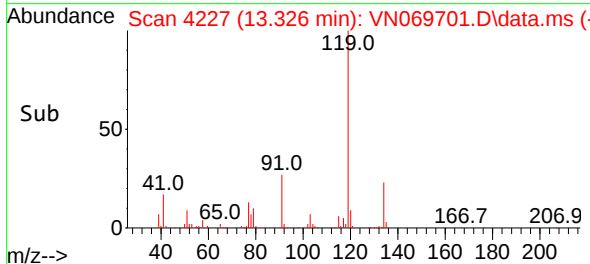
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



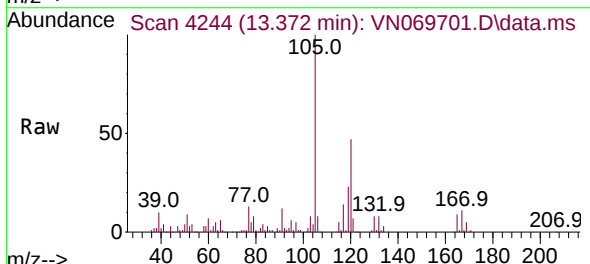
Tgt Ion:119 Resp: 190300
Ion Ratio Lower Upper
119 100
91 70.4 31.5 94.5
134 23.7 12.4 37.4

Manual Integrations
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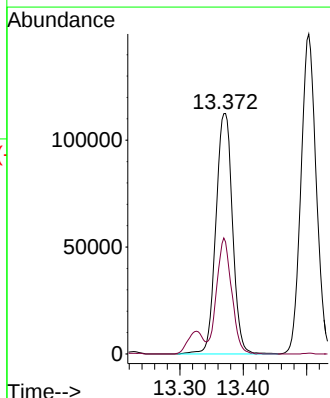
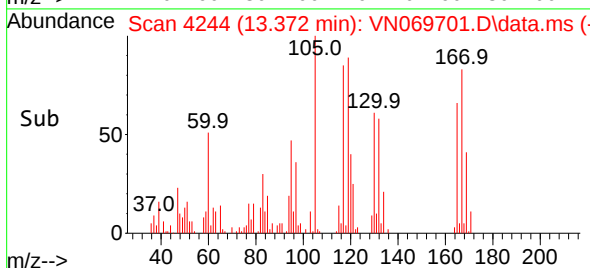
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#84
1,2,4-Trimethylbenzene
Concen: 5.469 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04



Tgt Ion:105 Resp: 205167
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





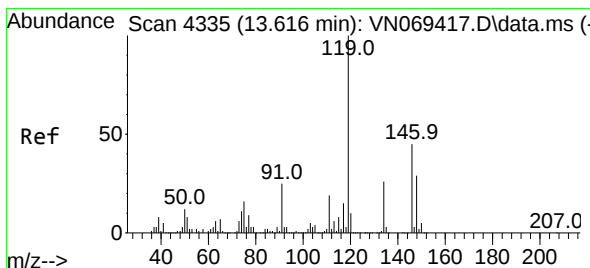
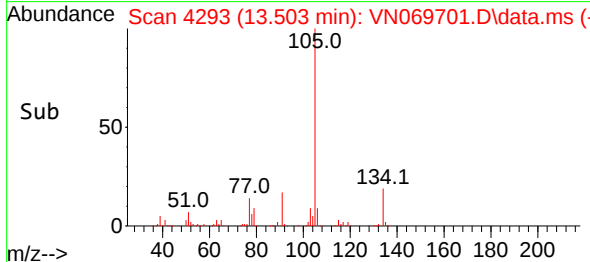
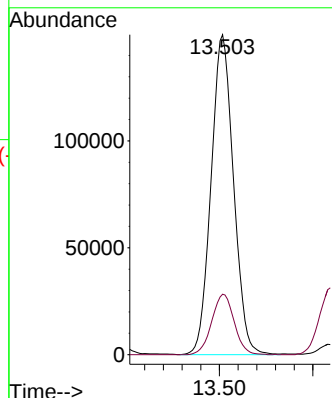
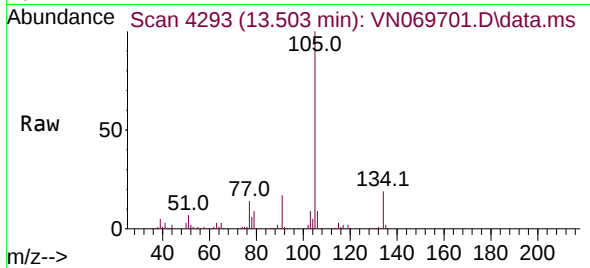
#85
 sec-Butylbenzene
 Concen: 5.275 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069701.D
 Acq: 2 Dec 2021 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 250210
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.4 31.1

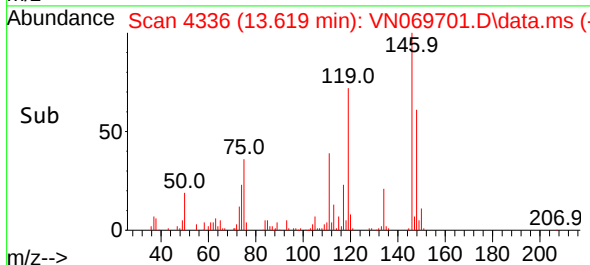
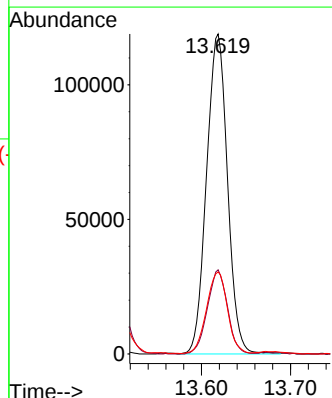
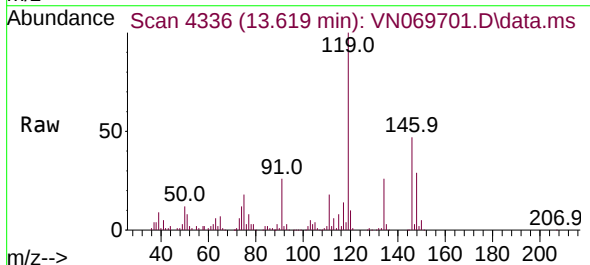
Manual Integrations
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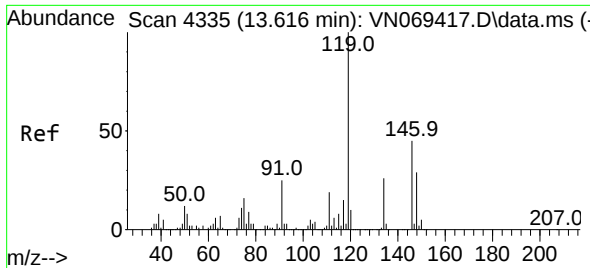
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#86
 p-Isopropyltoluene
 Concen: 5.179 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.003 min
 Lab File: VN069701.D
 Acq: 2 Dec 2021 18:04

Tgt Ion:119 Resp: 194485
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.6 40.7
 91 25.3 11.4 34.1





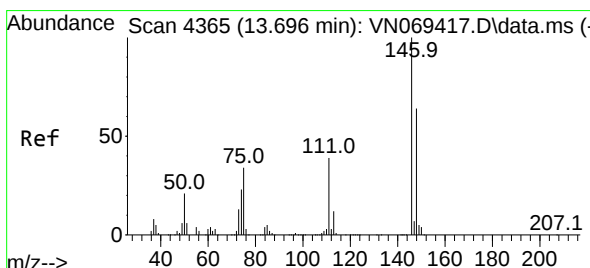
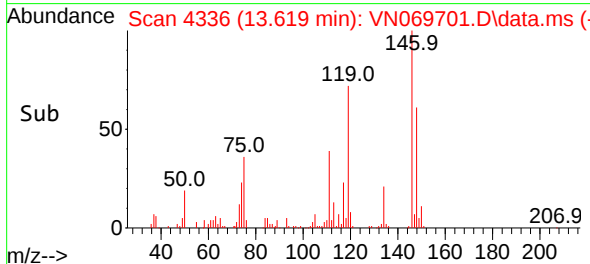
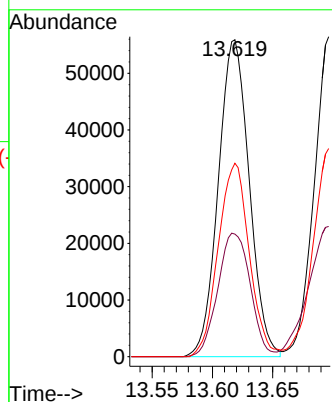
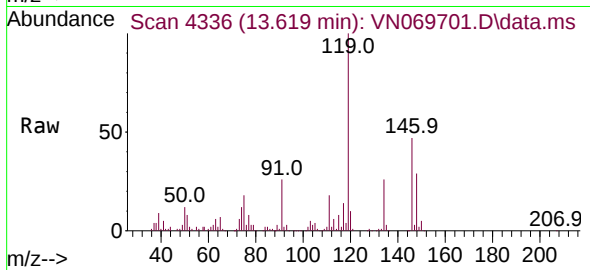
#87
1,3-Dichlorobenzene
Concen: 5.260 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 99738
Ion Ratio Lower Upper
146 100
111 41.0 18.6 55.6
148 61.6 31.6 95.0

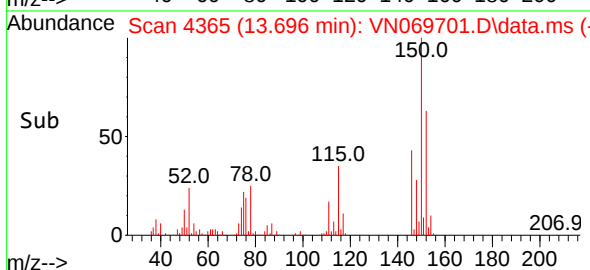
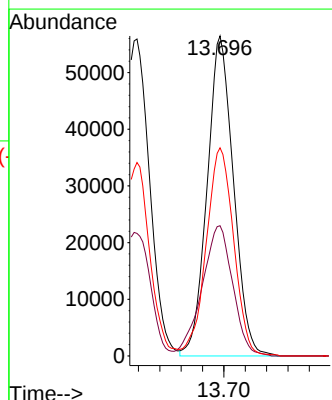
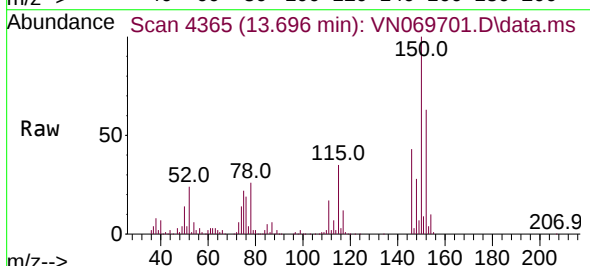
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#88
1,4-Dichlorobenzene
Concen: 5.207 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Tgt Ion:146 Resp: 96651
Ion Ratio Lower Upper
146 100
111 47.6 18.3 54.8
148 67.9 31.8 95.4





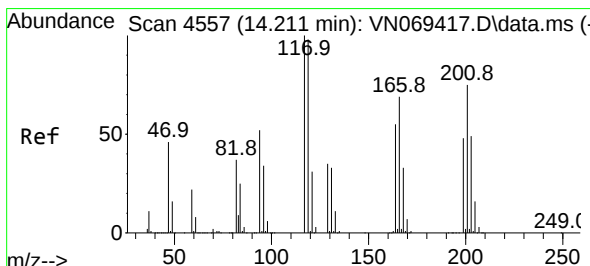
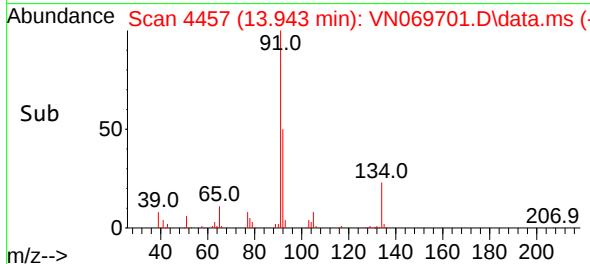
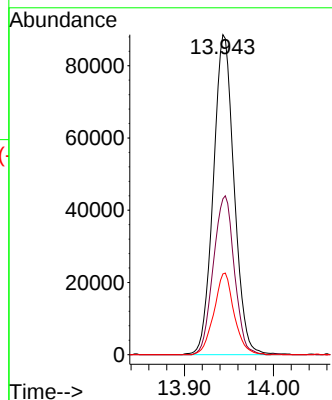
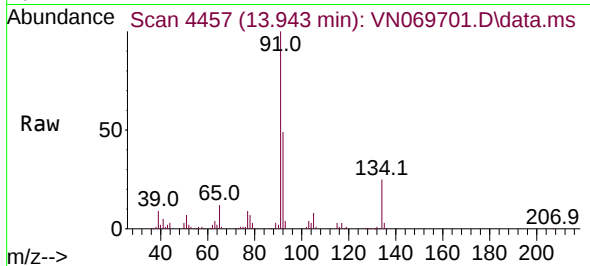
#89
n-Butylbenzene
Concen: 4.608 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 143570
Ion Ratio Lower Upper
91 100
92 50.3 25.4 76.0
134 24.8 13.6 40.8

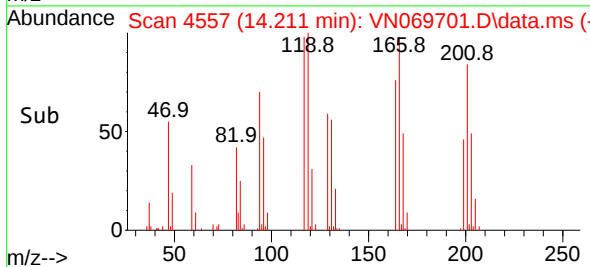
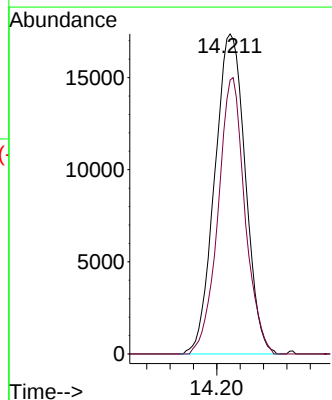
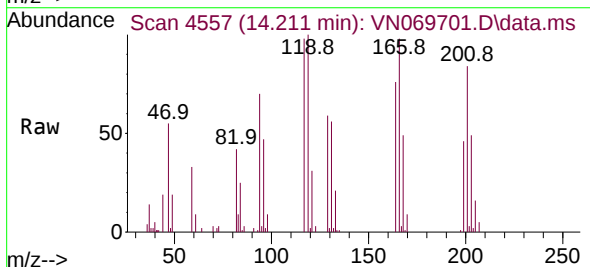
Manual Integrations
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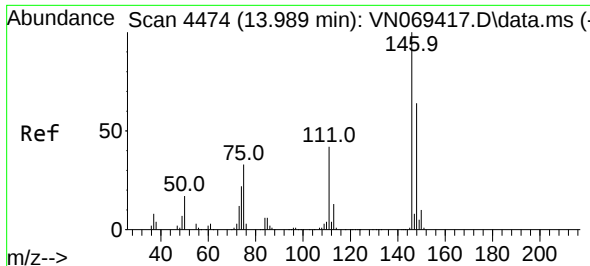
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 5.075 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Tgt Ion:117 Resp: 31639
Ion Ratio Lower Upper
117 100
201 75.9 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 5.476 ug/l

RT: 13.989 min Scan# 4474

Delta R.T. 0.000 min

Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

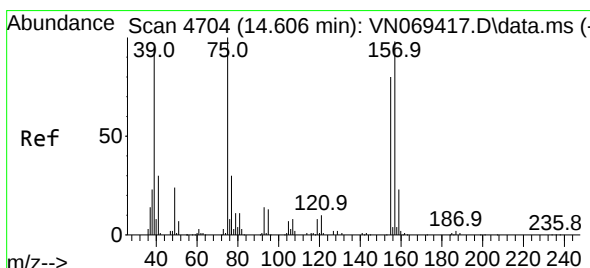
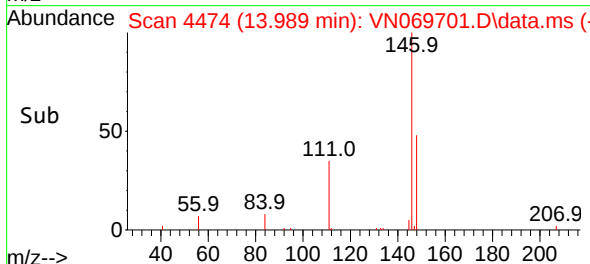
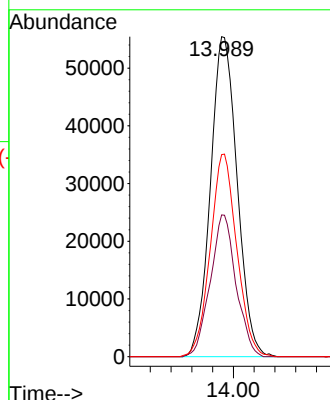
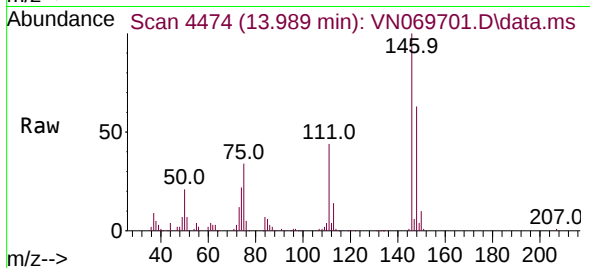
Tgt Ion:	146	Resp:	9899
Ion Ratio	Lower	Upper	
146	100		
111	42.8	19.1	57.3
148	62.9	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.513 ug/l

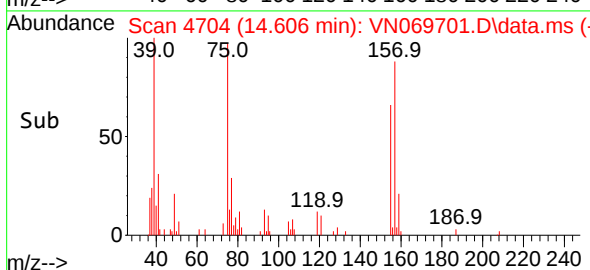
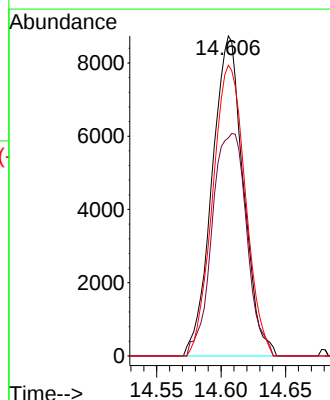
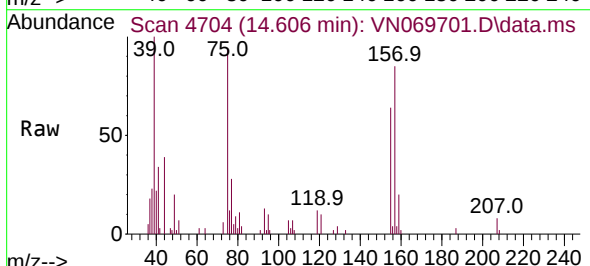
RT: 14.606 min Scan# 4704

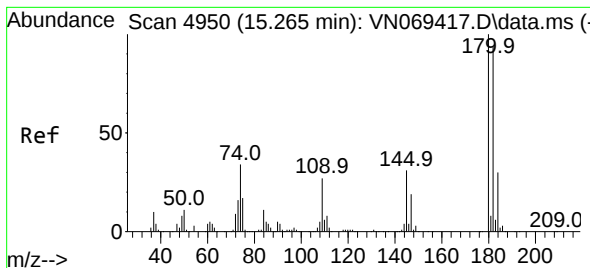
Delta R.T. 0.003 min

Lab File: VN069701.D

Acq: 2 Dec 2021 18:04

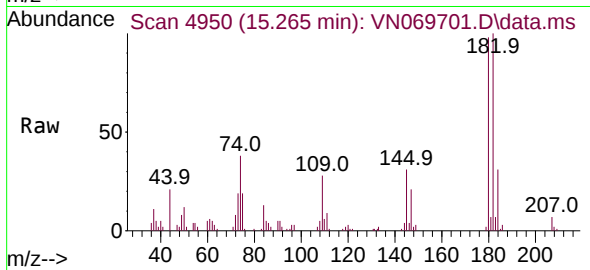
Tgt Ion:	75	Resp:	14745
Ion Ratio	Lower	Upper	
75	100		
155	76.8	46.9	140.7
157	94.6	60.6	181.7





#93
1,2,4-Trichlorobenzene
Concen: 4.320 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

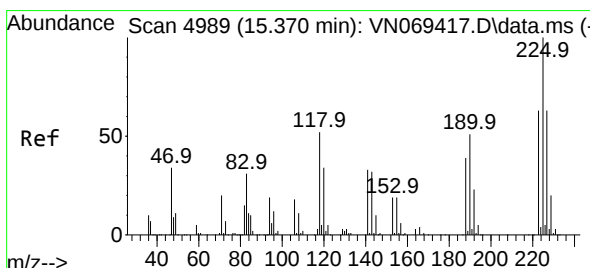
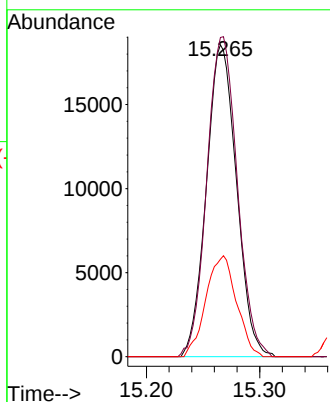
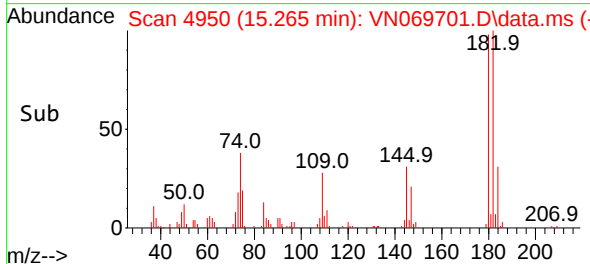
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



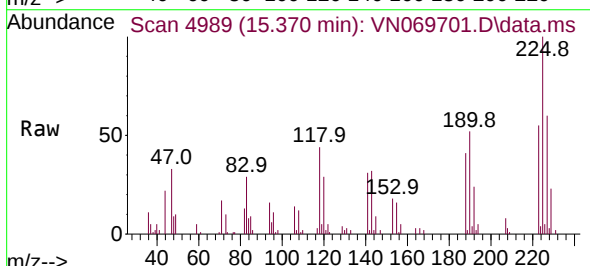
Tgt Ion:180 Resp: 34220
Ion Ratio Lower Upper
180 100
182 103.8 48.3 144.9
145 32.9 14.5 43.5

Manual Integrations
APPROVED

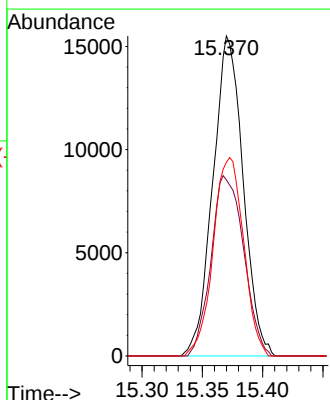
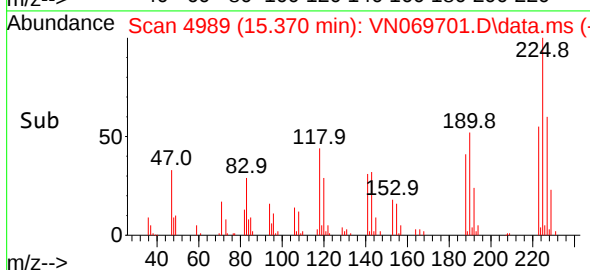
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

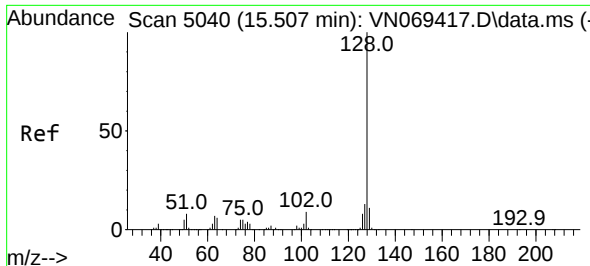


#94
Hexachlorobutadiene
Concen: 5.738 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04



Tgt Ion:225 Resp: 27030
Ion Ratio Lower Upper
225 100
223 60.8 31.9 95.7
227 62.4 32.1 96.3





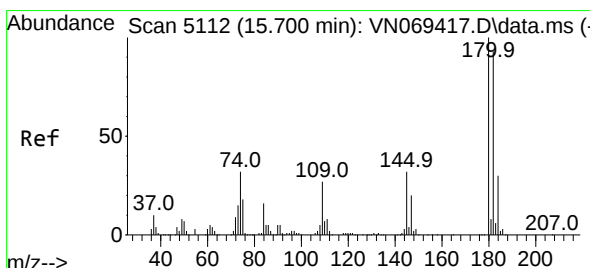
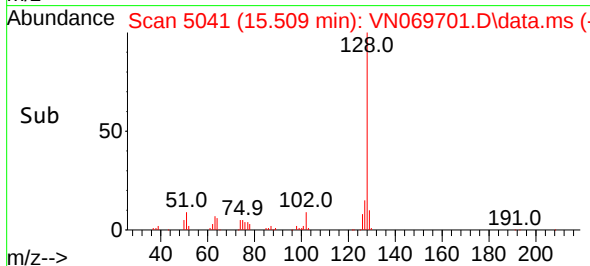
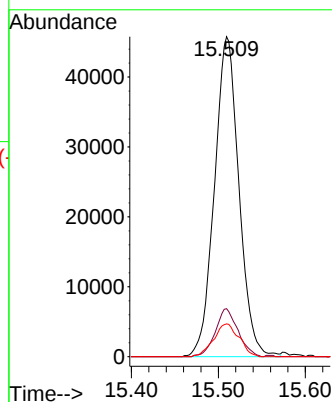
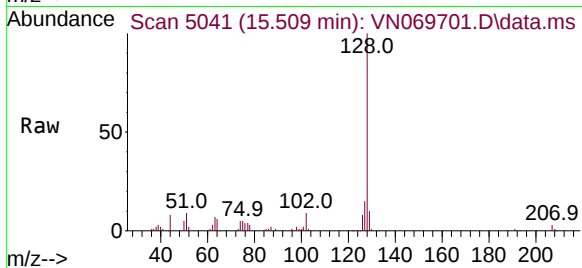
#95
Naphthalene
Concen: 4.143 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 89532
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#96
1,2,3-Trichlorobenzene
Concen: 4.723 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN069701.D
Acq: 2 Dec 2021 18:04

Tgt Ion:180 Resp: 36105
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 33.0 15.0 45.1

