

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120221\
 Data File : VN069700.D
 Acq On : 2 Dec 2021 17:38
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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

Quant Time: Dec 03 07:46:35 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

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1052993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1784834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1561108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	509519	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.075	85	11818	1.018	ug/l	93
3) Chloromethane	2.303	50	19271	1.411	ug/l	92
4) Vinyl Chloride	2.445	62	14999	1.118	ug/l	93
6) Chloroethane	3.017	64	10195	1.144	ug/l	97
7) Trichlorofluoromethane	3.376	101	20356	1.012	ug/l	95
8) Diethyl Ether	3.824	74	7543	1.115	ug/l #	46
9) 1,1,2-Trichlorotrifluo...	4.205	101	11392	1.164	ug/l #	86
12) 1,1-Dichloroethene	4.175	96	10960	1.233	ug/l	93
14) Allyl chloride	4.832	41	24381m	1.234	ug/l	
15) Acrylonitrile	5.562	53	42671	5.789	ug/l	99
16) Acetone	4.293	43	56894	6.586	ug/l	99
17) Carbon Disulfide	4.527	76	27030	1.255	ug/l	98
18) Methyl Acetate	4.854	43	35081m	1.270	ug/l	
19) Methyl tert-butyl Ether	5.618	73	40941	1.104	ug/l	96
20) Methylene Chloride	5.087	84	16185m	1.343	ug/l	
21) trans-1,2-Dichloroethene	5.591	96	11979	1.209	ug/l	93
22) Diisopropyl ether	6.498	45	45662	1.090	ug/l #	94
23) Vinyl Acetate	6.439	43	172953	5.276	ug/l	96
24) 1,1-Dichloroethane	6.391	63	24214	1.132	ug/l	98
25) 2-Butanone	7.348	43	70545	6.027	ug/l	91
26) 2,2-Dichloropropane	7.324	77	19940	1.204	ug/l	82
27) cis-1,2-Dichloroethene	7.324	96	14000	1.147	ug/l	84
28) Bromochloromethane	7.656	49	11420	1.037	ug/l	86
29) Tetrahydrofuran	7.697	42	39412	5.507	ug/l	91
30) Chloroform	7.820	83	24356	1.116	ug/l	98
32) 1,1,1-Trichloroethane	8.013	97	20148	1.102	ug/l #	50
36) 1,1-Dichloropropene	8.222	75	17717	1.144	ug/l #	78
37) Ethyl Acetate	7.418	43	25858m	1.215	ug/l	
38) Carbon Tetrachloride	8.206	117	16704	1.114	ug/l #	92
39) Methylcyclohexane	9.461	83	19744	1.034	ug/l #	81
40) Benzene	8.461	78	55213	1.155	ug/l	100
41) Methacrylonitrile	7.646	41	11266m	1.025	ug/l	
42) 1,2-Dichloroethane	8.528	62	22729	1.209	ug/l	96
43) Isopropyl Acetate	8.566	43	37005	1.097	ug/l #	88
44) Trichloroethene	9.215	130	12341	1.078	ug/l	95
45) 1,2-Dichloropropane	9.491	63	14693	1.154	ug/l	96

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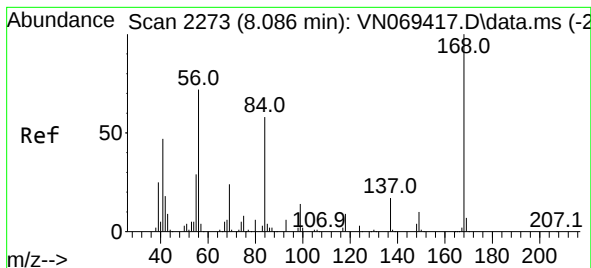
Quant Time: Dec 03 07:46:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
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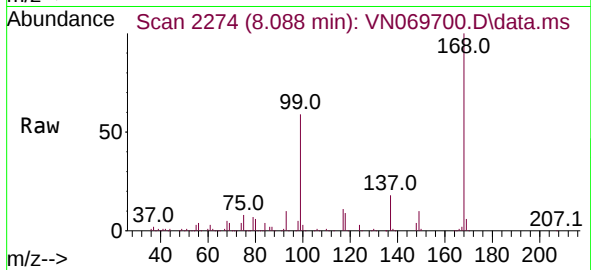
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.577	93	9399	1.103	ug/l	92
47) Bromodichloromethane	9.764	83	16665	1.048	ug/l #	90
48) Methyl methacrylate	9.563	41	15569	0.989	ug/l	91
49) 1,4-Dioxane	9.571	88	5955	21.031	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	116492	5.330	ug/l	93
52) Toluene	10.505	92	30086	1.017	ug/l	95
53) t-1,3-Dichloropropene	10.719	75	15255	0.914	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	16871	0.927	ug/l #	90
55) 1,1,2-Trichloroethane	10.902	97	12471	1.047	ug/l #	84
56) Ethyl methacrylate	10.762	69	18662	0.939	ug/l #	86
57) 1,3-Dichloropropane	11.046	76	22613	1.076	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.041	63	19569	4.150	ug/l	93
59) 2-Hexanone	11.087	43	85938	5.269	ug/l	91
60) Dibromochloromethane	11.242	129	10277	0.918	ug/l	99
61) 1,2-Dibromoethane	11.344	107	12197	1.008	ug/l	94
64) Tetrachloroethene	10.979	164	12135	1.247	ug/l	96
65) Chlorobenzene	11.773	112	33186	1.113	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	10881	1.050	ug/l #	66
67) Ethyl Benzene	11.846	91	57200	1.039	ug/l	98
68) m/p-Xylenes	11.956	106	39093	1.939	ug/l	89
69) o-Xylene	12.283	106	19704	0.979	ug/l	87
70) Styrene	12.296	104	28560	0.883	ug/l	92
71) Bromoform	12.457	173	6695	0.897	ug/l #	93
73) Isopropylbenzene	12.581	105	49157	1.179	ug/l	99
74) N-amyl acetate	12.393	43	20909	1.172	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.827	83	19213	1.360	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	17246m	1.308	ug/l	
77) Bromobenzene	12.862	156	12075	1.261	ug/l	80
78) n-propylbenzene	12.921	91	52599	1.121	ug/l	94
79) 2-Chlorotoluene	13.010	91	35255	1.210	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	37643	1.115	ug/l	96
82) 4-Chlorotoluene	13.109	91	31849	1.148	ug/l	92
83) tert-Butylbenzene	13.323	119	34703	1.174	ug/l	96
84) 1,2,4-Trimethylbenzene	13.369	105	33851	1.040	ug/l	99
85) sec-Butylbenzene	13.503	105	44191	1.074	ug/l	96
86) p-Isopropyltoluene	13.618	119	32846	1.008	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	19927	1.211	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	20687m	1.285	ug/l	
89) n-Butylbenzene	13.946	91	26968	0.998	ug/l	99
90) Hexachloroethane	14.209	117	5950	1.100	ug/l	79
91) 1,2-Dichlorobenzene	13.989	146	20000	1.275	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	2920	1.259	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	8990	1.308	ug/l	93
94) Hexachlorobutadiene	15.375	225	5233	1.280	ug/l	98
95) Naphthalene	15.509	128	27099	1.445	ug/l	96
96) 1,2,3-Trichlorobenzene	15.702	180	8670	1.307	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

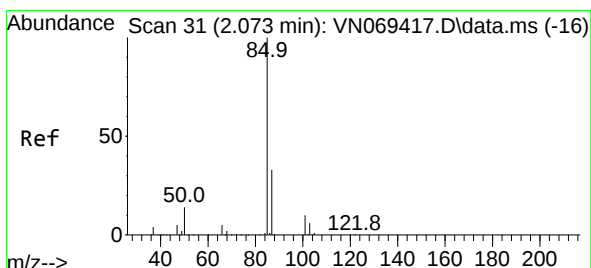
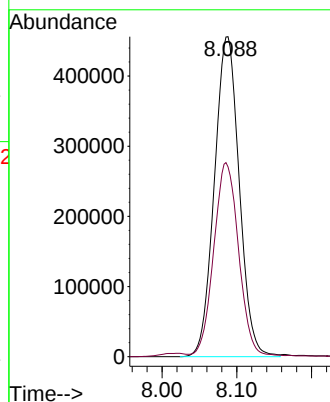
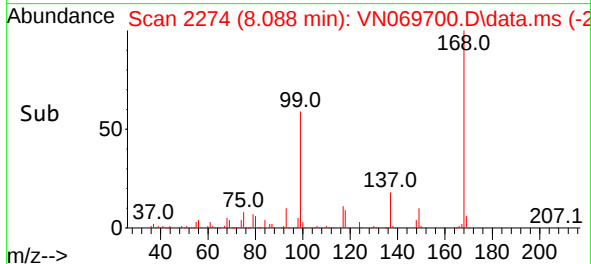
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 105299
Ion Ratio Lower Upper
168 100
99 58.8 41.3 61.9

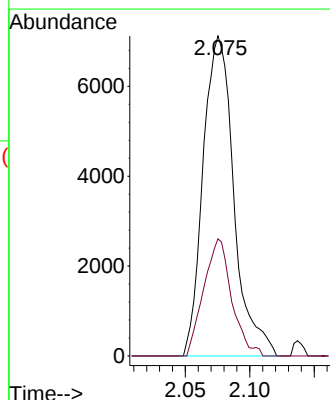
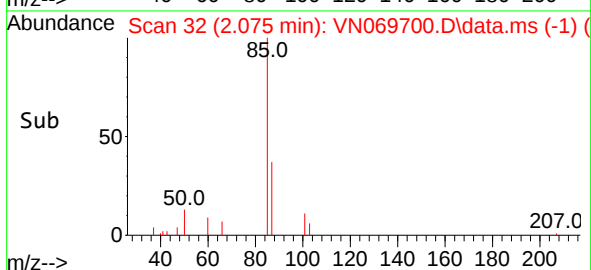
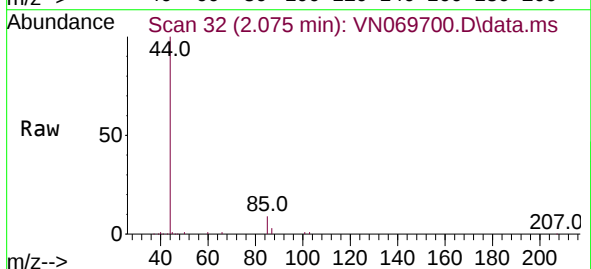
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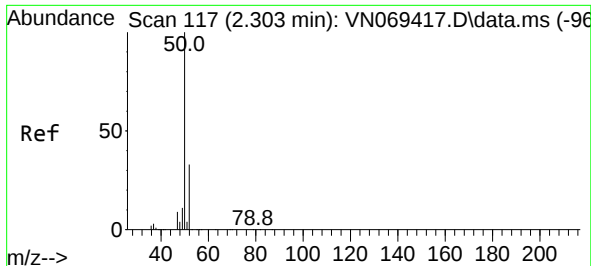
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#2
Dichlorodifluoromethane
Concen: 1.018 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion: 85 Resp: 11818
Ion Ratio Lower Upper
85 100
87 36.6 16.3 48.9





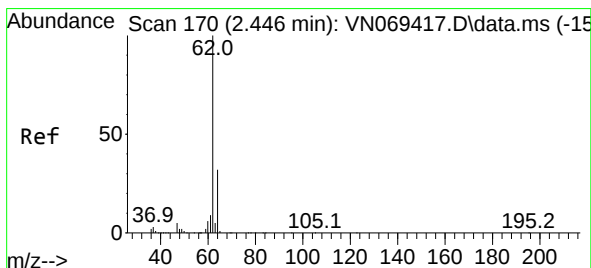
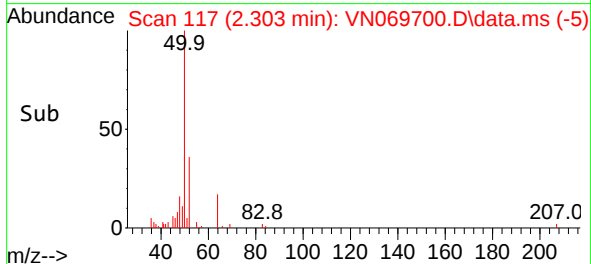
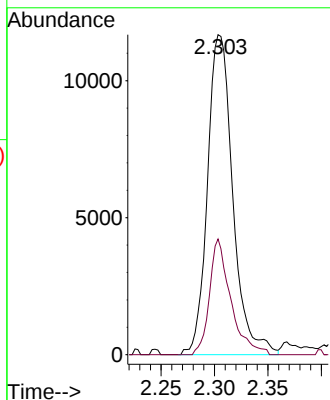
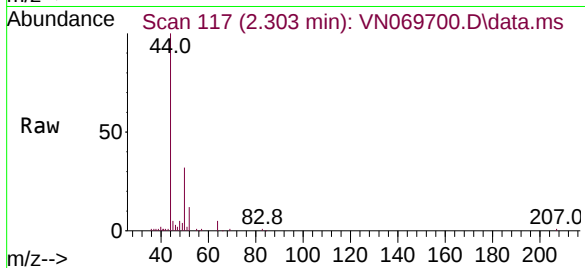
#3
Chloromethane
Concen: 1.411 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 1927
Ion Ratio Lower Upper
50 100
52 36.2 25.4 38.0

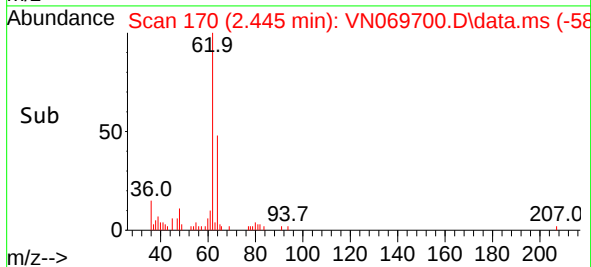
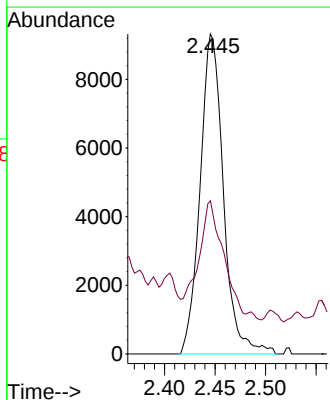
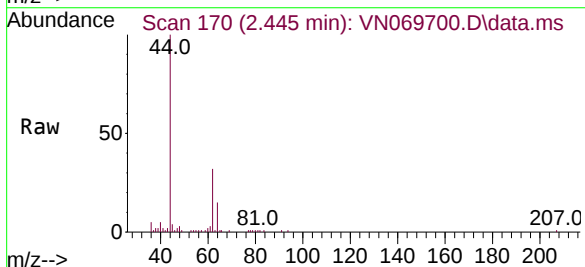
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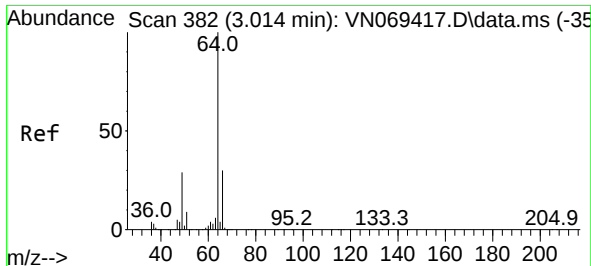
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#4
Vinyl Chloride
Concen: 1.118 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

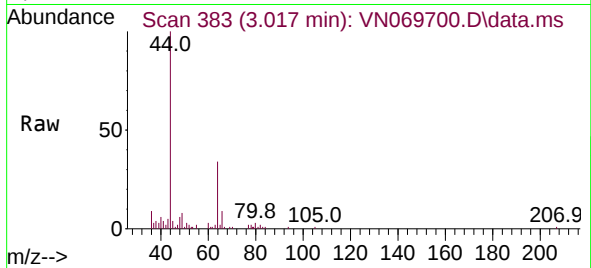
Tgt Ion: 62 Resp: 14999
Ion Ratio Lower Upper
62 100
64 35.9 25.8 38.6





#6
Chloroethane
Concen: 1.144 ug/l
RT: 3.017 min Scan# 382
Delta R.T. 0.008 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

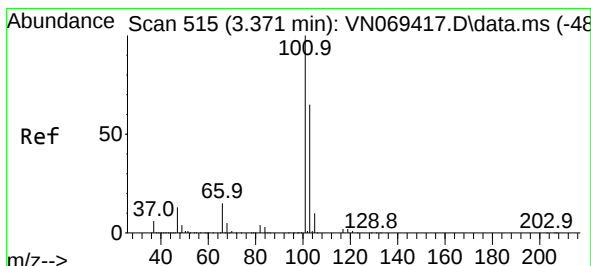
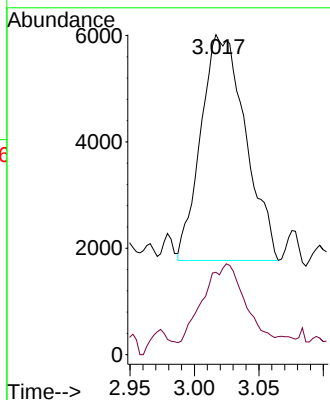
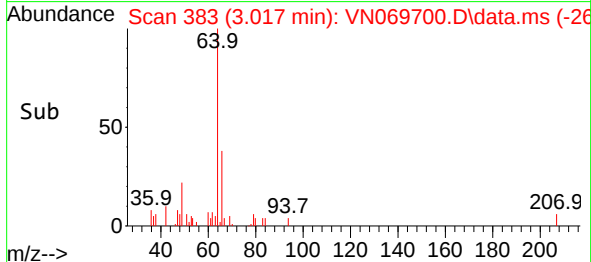
Instrument :
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ClientSampleId :
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Tgt Ion: 64 Resp: 1019
Ion Ratio Lower Upper
64 100
66 31.2 26.3 39.5

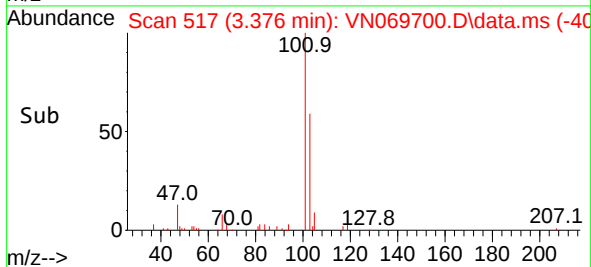
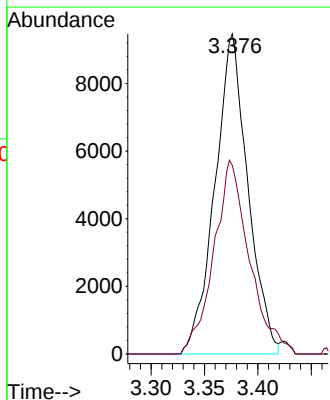
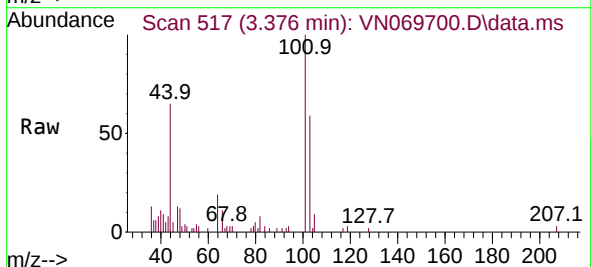
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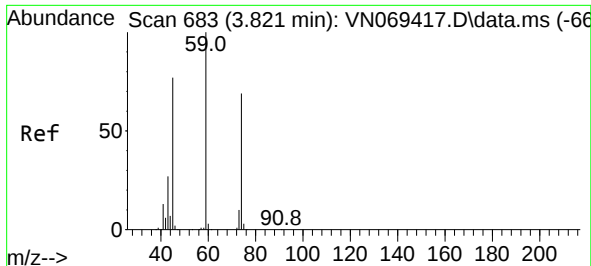
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#7
Trichlorofluoromethane
Concen: 1.012 ug/l
RT: 3.376 min Scan# 517
Delta R.T. 0.008 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion:101 Resp: 20356
Ion Ratio Lower Upper
101 100
103 58.9 50.1 75.1





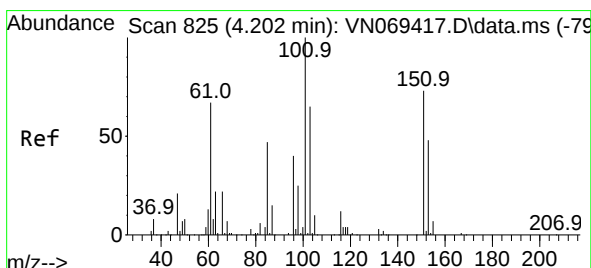
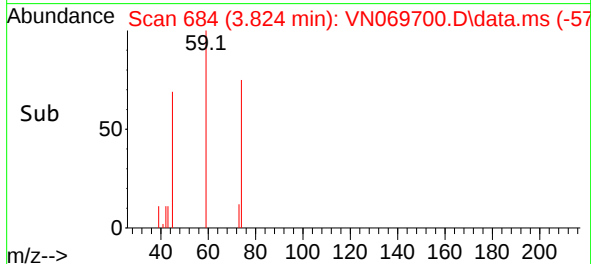
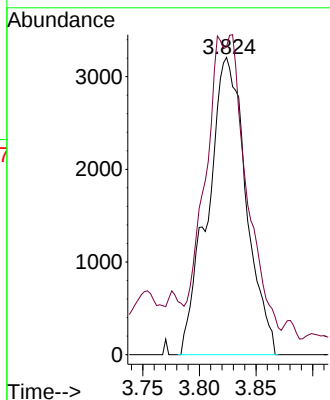
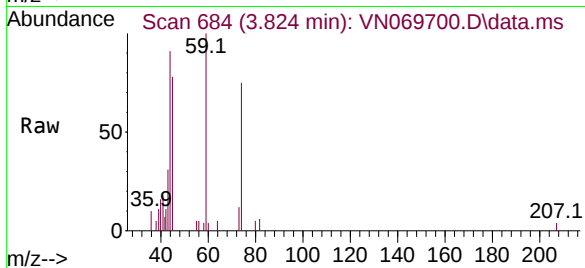
#8
Diethyl Ether
Concen: 1.115 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
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Tgt Ion: 74 Resp: 754
Ion Ratio Lower Upper
74 100
45 42.0 47.0 141.2

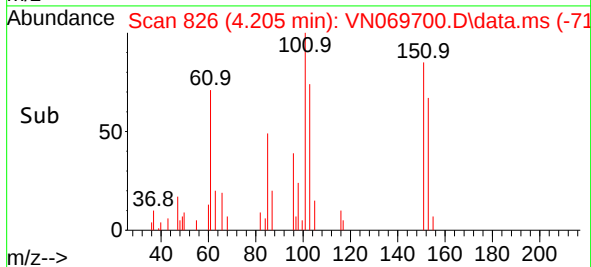
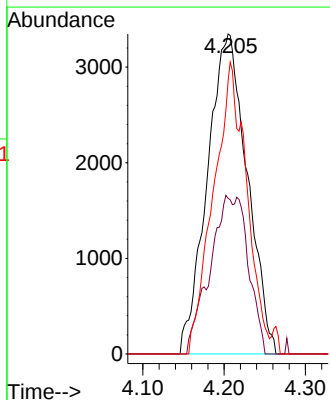
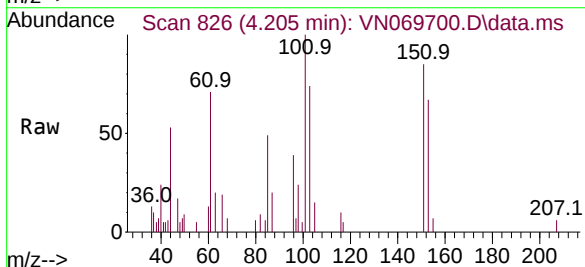
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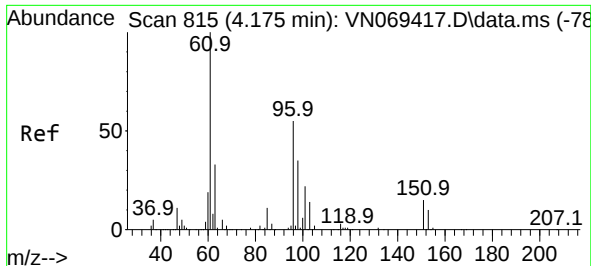
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.164 ug/l
RT: 4.205 min Scan# 826
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

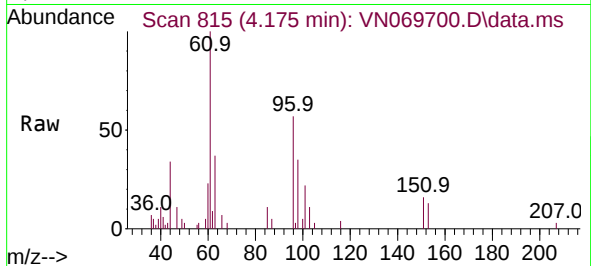
Tgt Ion:101 Resp: 11392
Ion Ratio Lower Upper
101 100
85 28.5 37.2 55.8#
151 75.9 65.9 98.9





#12
1,1-Dichloroethene
Concen: 1.233 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

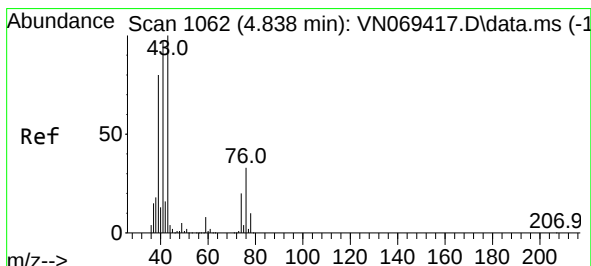
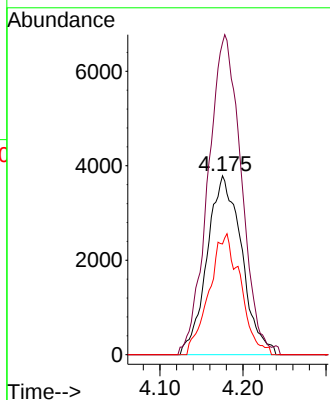
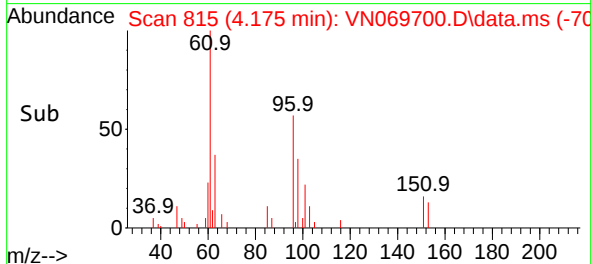
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



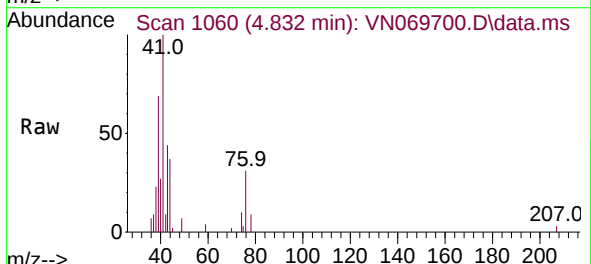
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Ion Ratio Lower Upper
96 100
61 174.4 131.0 196.6
98 61.9 52.4 78.6

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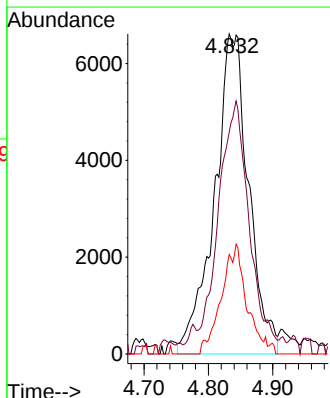
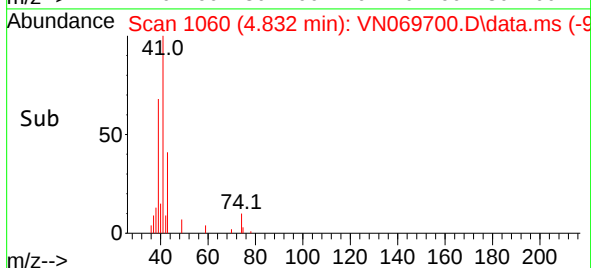
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

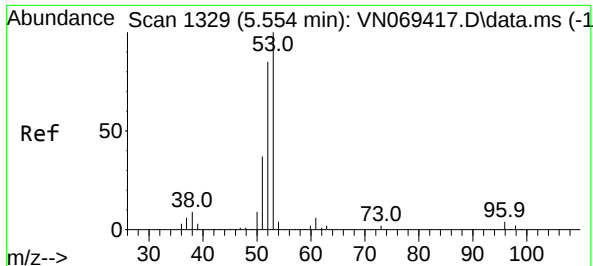


#14
Allyl chloride
Concen: 1.234 ug/l m
RT: 4.832 min Scan# 1060
Delta R.T. -0.005 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38



Tgt Ion: 41 Resp: 24381
Ion Ratio Lower Upper
41 100
39 65.6 61.2 91.8
76 12.2 26.0 39.0#





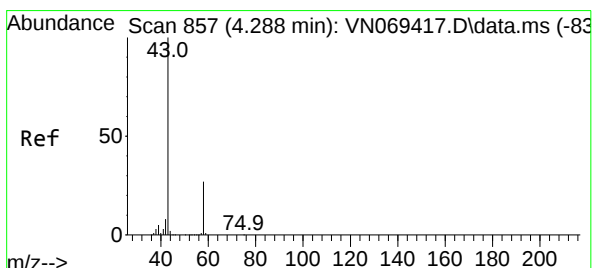
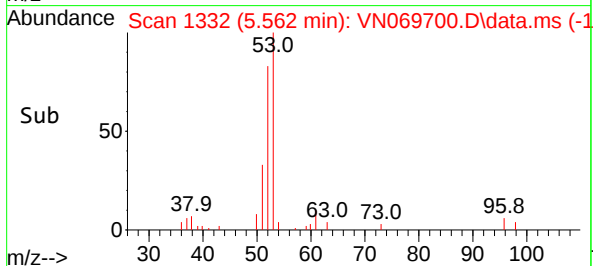
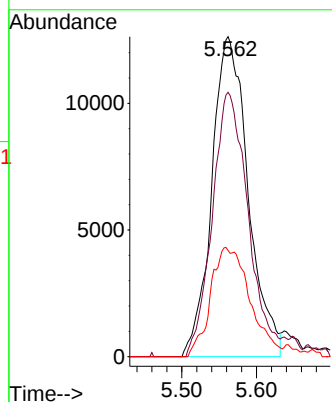
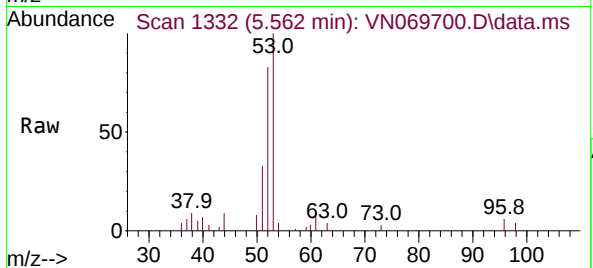
#15
Acrylonitrile
Concen: 5.789 ug/l
RT: 5.562 min Scan# 1332
Delta R.T. 0.005 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 4267
Ion Ratio Lower Upper
53 100
52 81.2 66.2 99.2
51 37.1 29.6 44.4

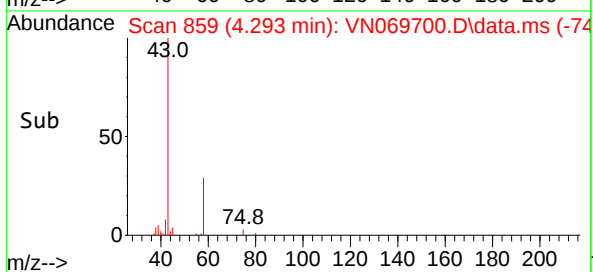
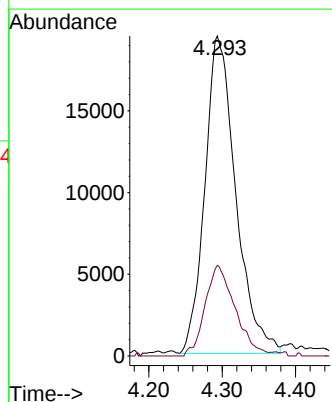
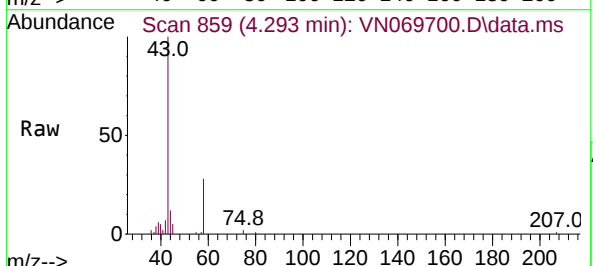
Manual Integrations
APPROVED

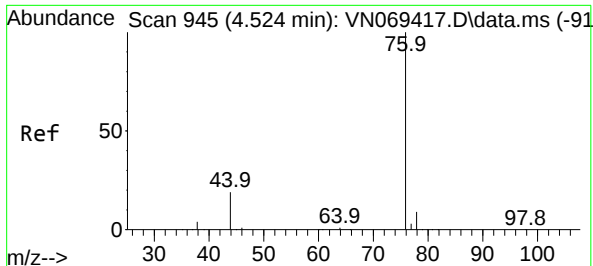
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#16
Acetone
Concen: 6.586 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion: 43 Resp: 56894
Ion Ratio Lower Upper
43 100
58 28.5 23.1 34.7





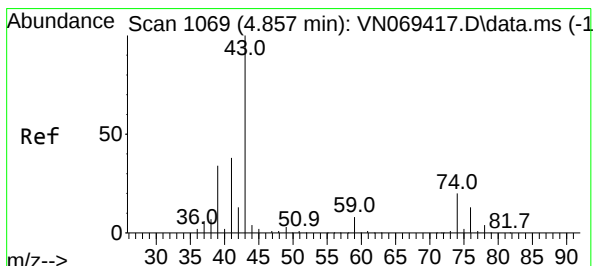
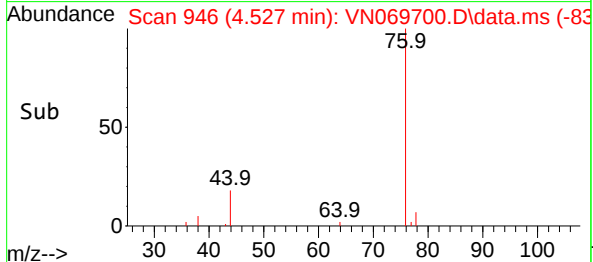
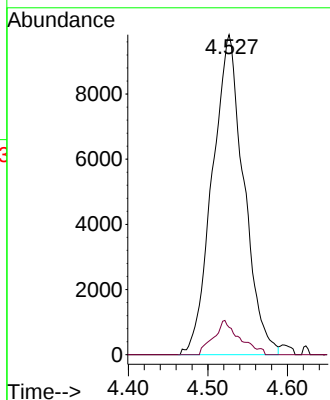
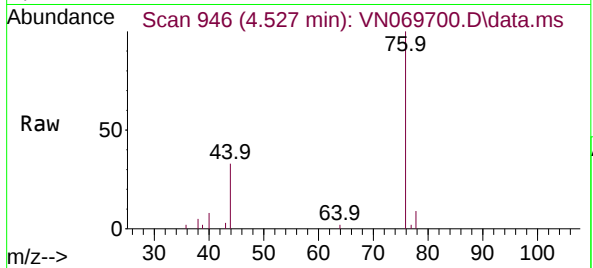
#17
Carbon Disulfide
Concen: 1.255 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 27030
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

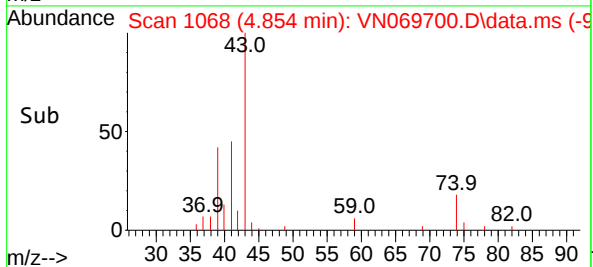
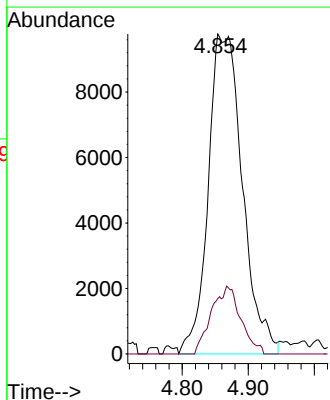
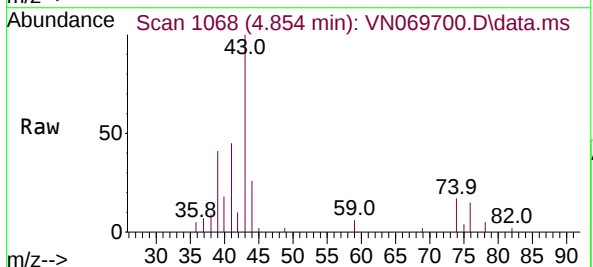
Manual Integrations
APPROVED

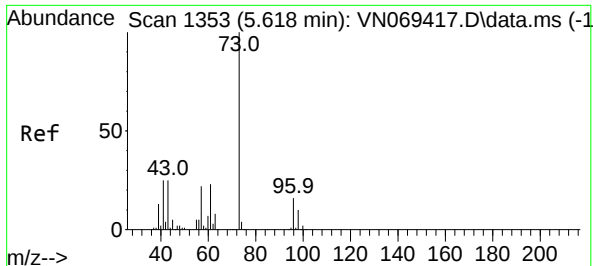
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#18
Methyl Acetate
Concen: 1.270 ug/l m
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion: 43 Resp: 35081
Ion Ratio Lower Upper
43 100
74 18.2 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 1.104 ug/l

RT: 5.618 min Scan# 1155

Delta R.T. 0.000 min

Lab File: VN069700.D

Acq: 2 Dec 2021 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 73 Resp: 4094

Ion Ratio Lower Upper

73 100

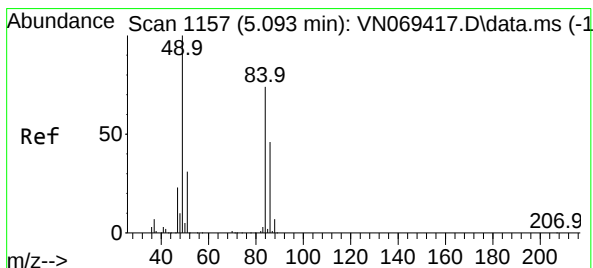
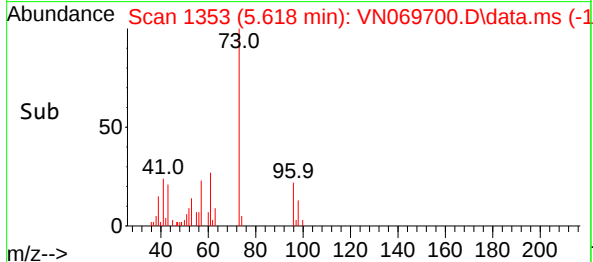
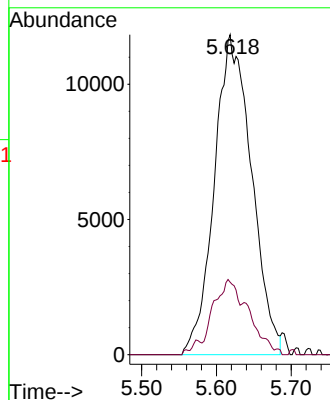
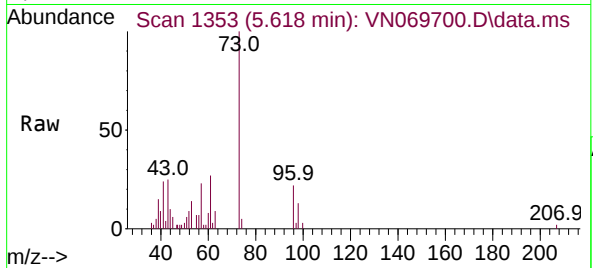
57 22.6 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#20

Methylene Chloride

Concen: 1.343 ug/l m

RT: 5.087 min Scan# 1155

Delta R.T. -0.005 min

Lab File: VN069700.D

Acq: 2 Dec 2021 17:38

Tgt Ion: 84 Resp: 16185

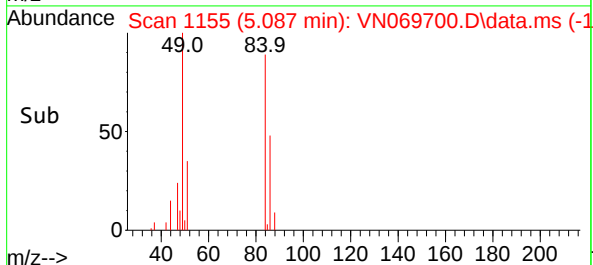
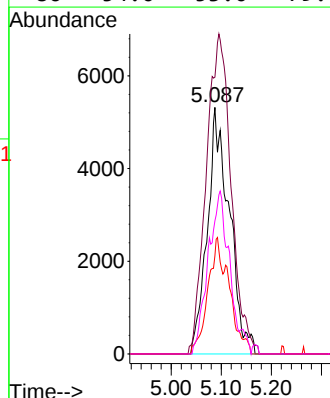
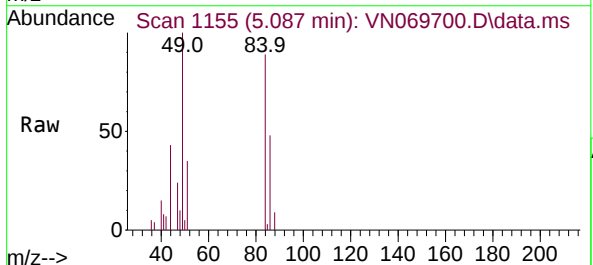
Ion Ratio Lower Upper

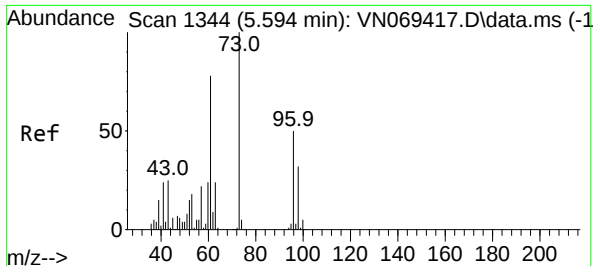
84 100

49 112.3 93.5 140.3

51 39.8 29.4 44.2

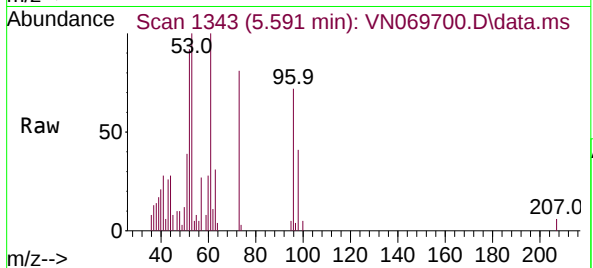
86 54.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 1.209 ug/l
RT: 5.591 min Scan# 11979
Delta R.T. -0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

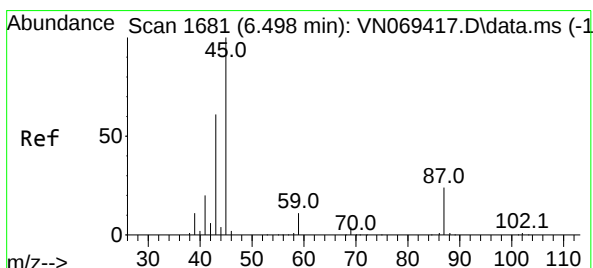
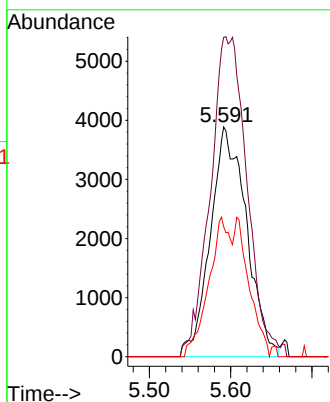
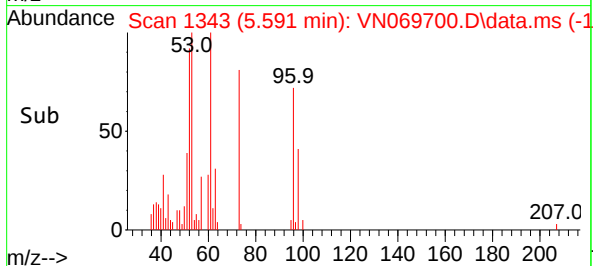
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 11979
Ion Ratio Lower Upper
96 100
61 139.0 105.8 158.6
98 56.6 52.0 78.0

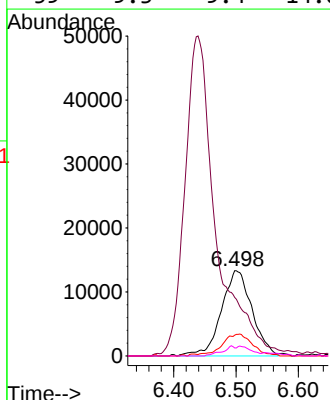
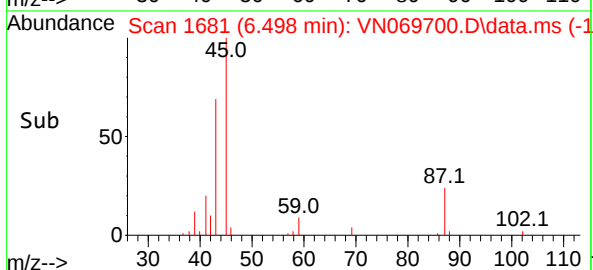
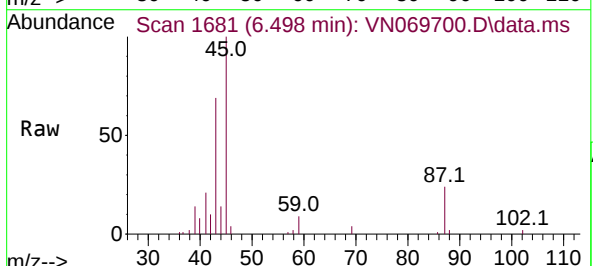
Manual Integrations
APPROVED

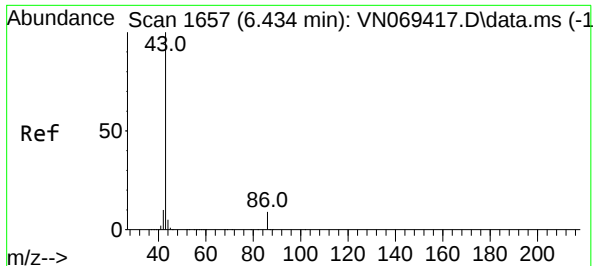
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#22
Diisopropyl ether
Concen: 1.090 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

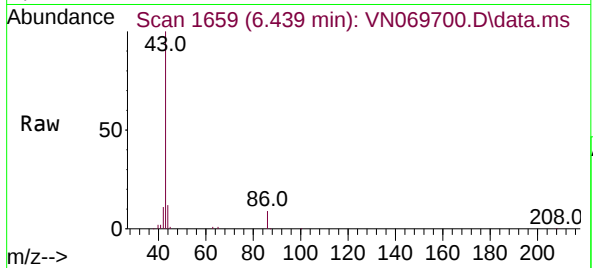
Tgt Ion: 45 Resp: 45662
Ion Ratio Lower Upper
45 100
43 61.4 51.7 77.5
87 24.3 23.2 34.8
59 9.3 9.4 14.0#





#23
 Vinyl Acetate
 Concen: 5.276 ug/l
 RT: 6.439 min Scan# 1659
 Delta R.T. 0.003 min
 Lab File: VN069700.D
 Acq: 2 Dec 2021 17:38

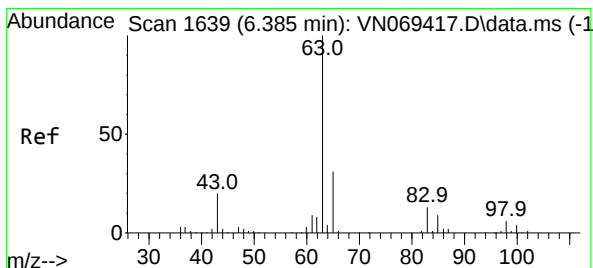
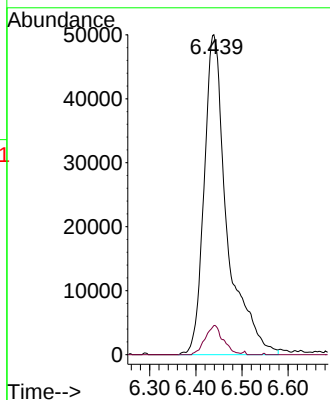
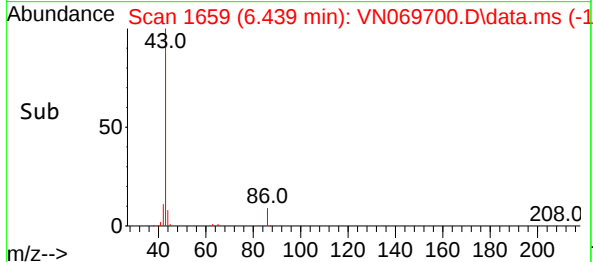
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



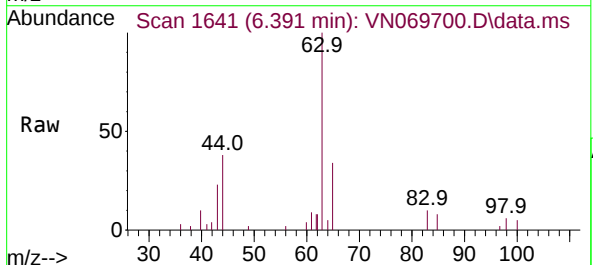
Tgt Ion: 43 Resp: 17295
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.5 12.7

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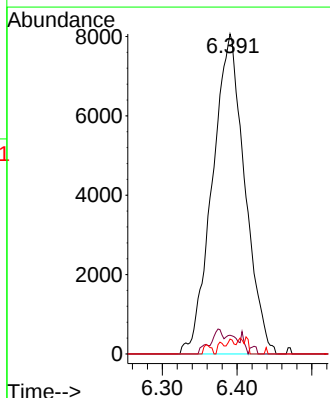
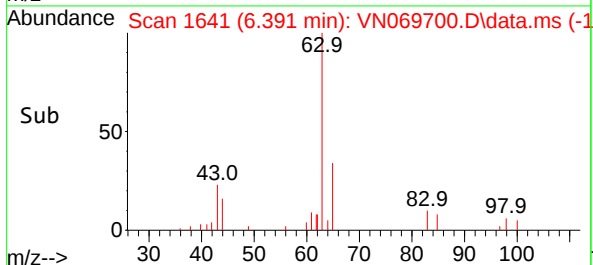
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021

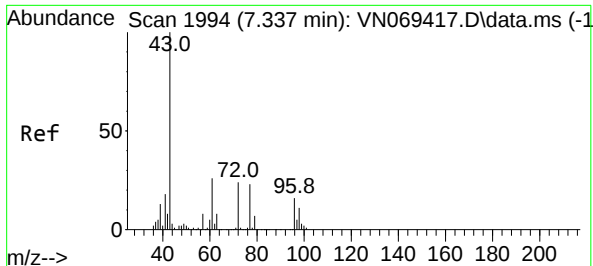


#24
 1,1-Dichloroethane
 Concen: 1.132 ug/l
 RT: 6.391 min Scan# 1641
 Delta R.T. 0.003 min
 Lab File: VN069700.D
 Acq: 2 Dec 2021 17:38



Tgt Ion: 63 Resp: 24214
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 4.7 2.1 6.5





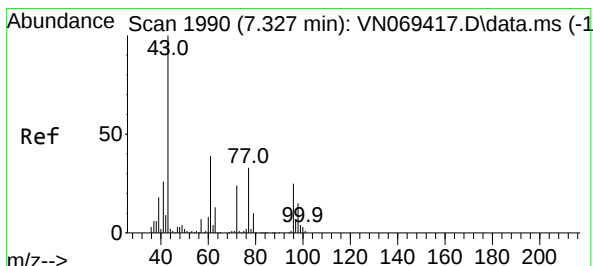
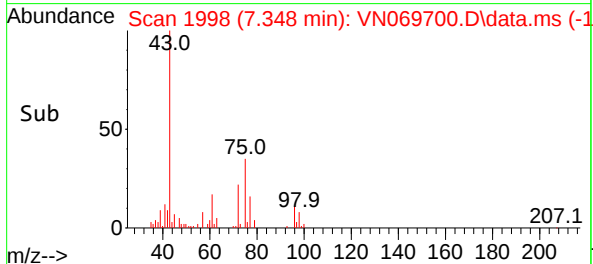
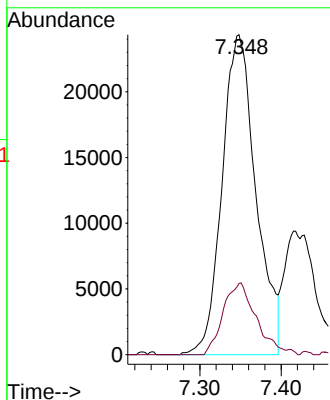
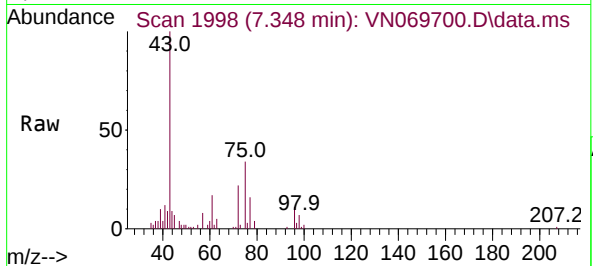
#25
2-Butanone
Concen: 6.027 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.011 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 7054
Ion Ratio Lower Upper
43 100
72 22.3 21.7 32.5

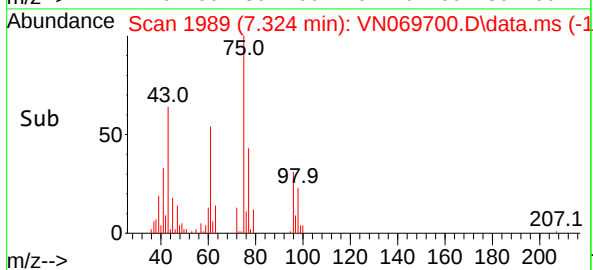
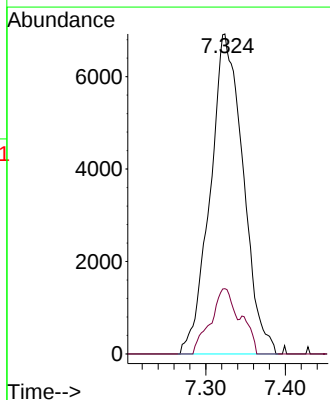
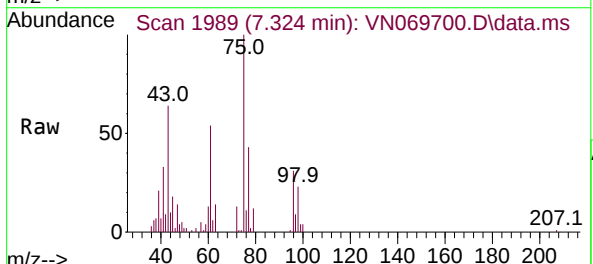
Manual Integrations
APPROVED

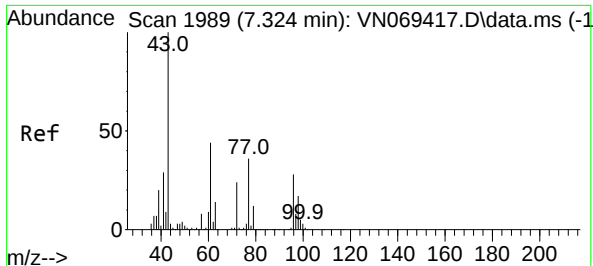
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#26
2,2-Dichloropropane
Concen: 1.204 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion: 77 Resp: 19940
Ion Ratio Lower Upper
77 100
97 14.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 1.147 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069700.D

Acq: 2 Dec 2021 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

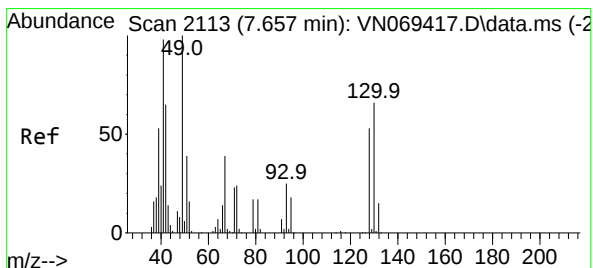
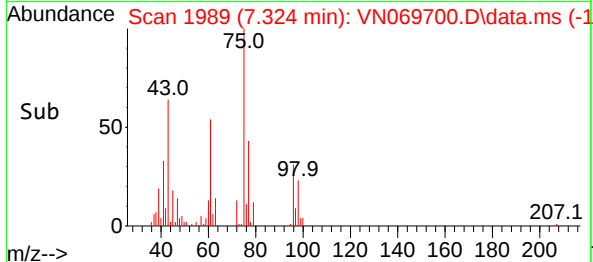
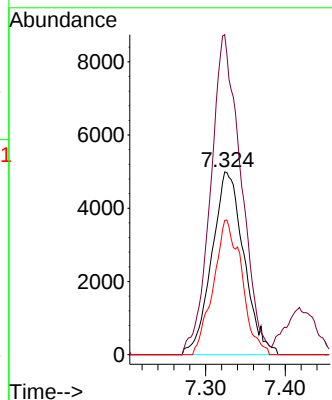
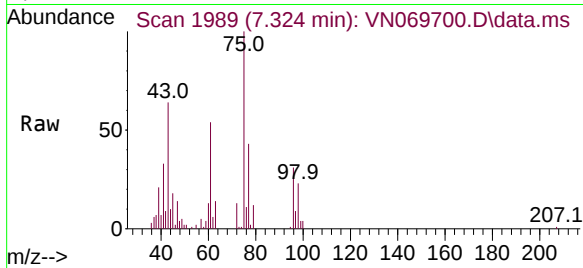
Tgt Ion:	96	Resp:	14000
Ion	Ratio	Lower	Upper
96	100		
61	166.0	0.0	275.0
98	65.4	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#28

Bromochloromethane

Concen: 1.037 ug/l

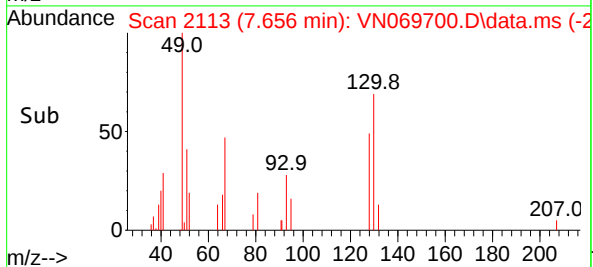
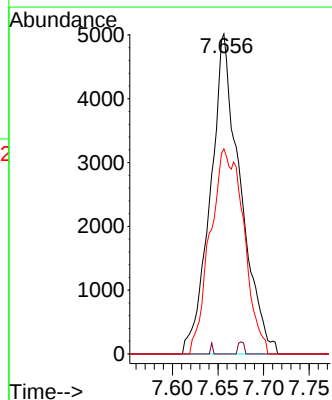
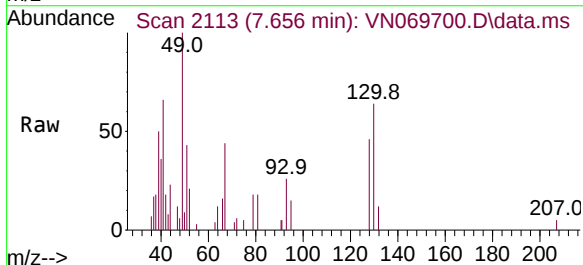
RT: 7.656 min Scan# 2113

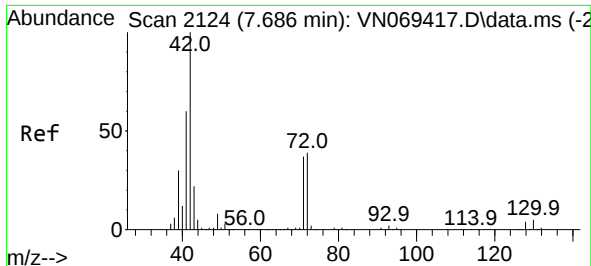
Delta R.T. 0.000 min

Lab File: VN069700.D

Acq: 2 Dec 2021 17:38

Tgt Ion:	49	Resp:	11420
Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	4.0
130	72.0	67.8	101.8





#29

Tetrahydrofuran

Concen: 5.507 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.011 min

Lab File: VN069700.D

Acq: 2 Dec 2021 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

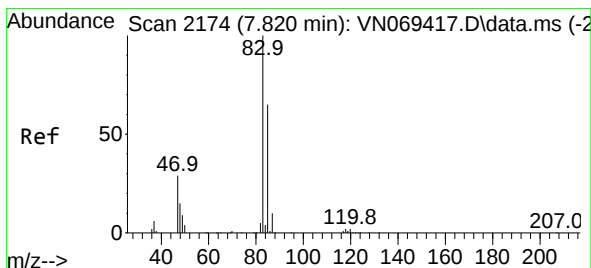
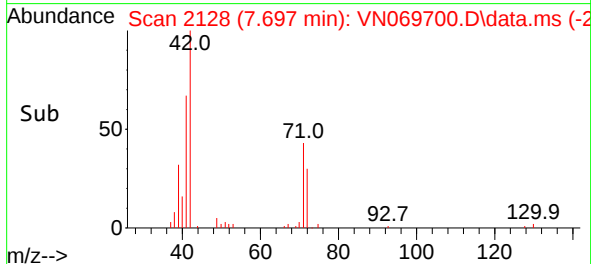
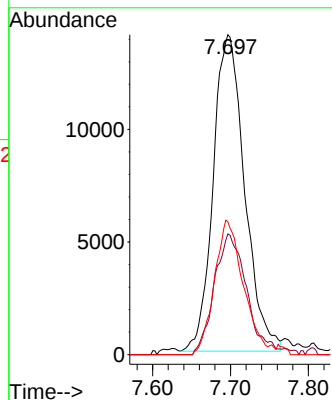
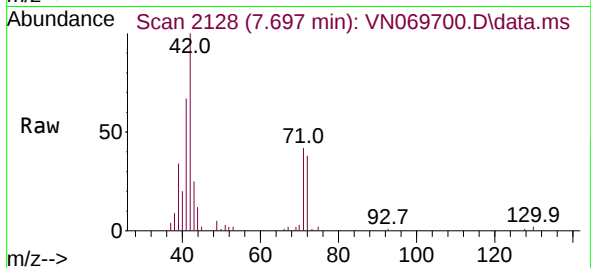
Tgt Ion: 42	Resp: 3941
Ion Ratio	Lower Upper
42 100	
72 39.1	36.3 54.5
71 38.7	34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#30

Chloroform

Concen: 1.116 ug/l

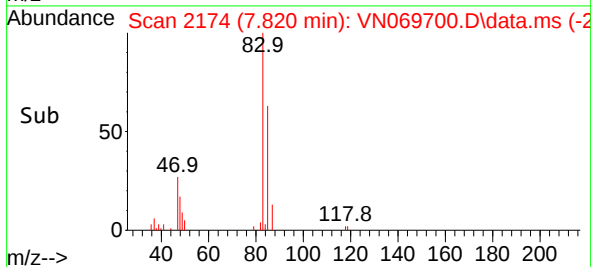
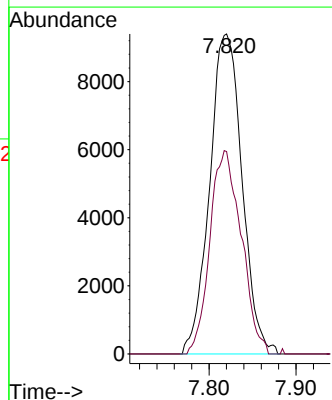
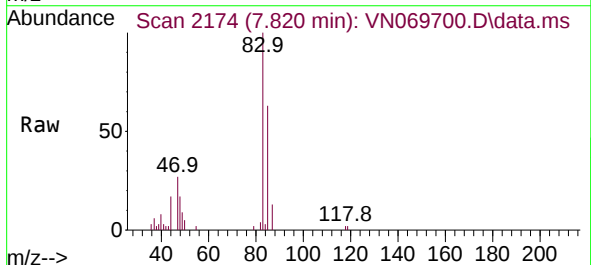
RT: 7.820 min Scan# 2174

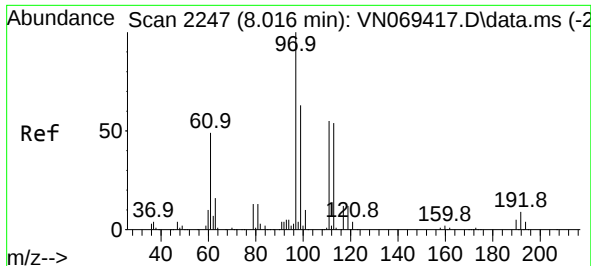
Delta R.T. 0.000 min

Lab File: VN069700.D

Acq: 2 Dec 2021 17:38

Tgt Ion: 83	Resp: 24356
Ion Ratio	Lower Upper
83 100	
85 63.2	51.9 77.9





#32

1,1,1-Trichloroethane

Concen: 1.102 ug/l

RT: 8.013 min Scan# 2014

Delta R.T. -0.003 min

Lab File: VN069700.D

Acq: 2 Dec 2021 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 2014

Ion Ratio Lower Upper

97 100

99 0.0 50.1 75.1

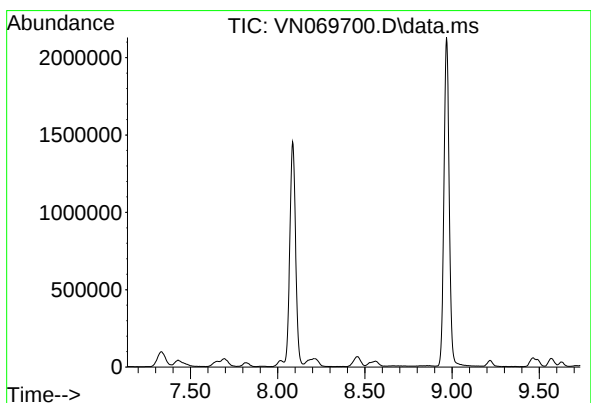
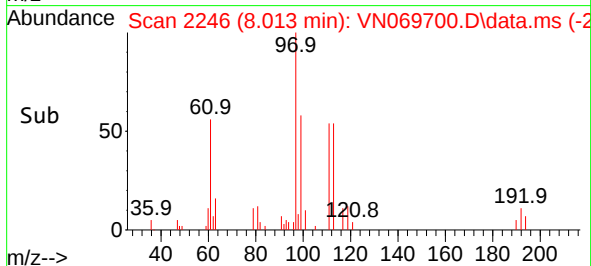
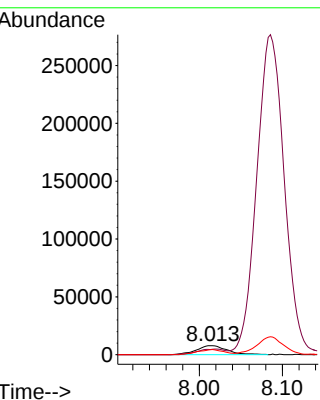
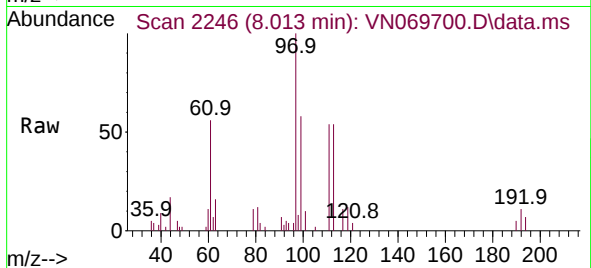
61 48.6 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.44 min

Lab File: VN069700.D

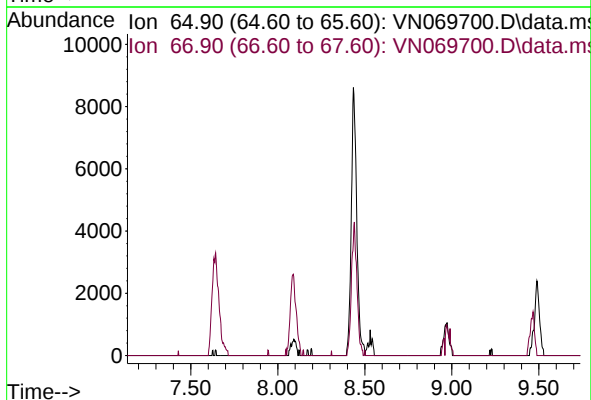
Acq: 2 Dec 2021 17:38

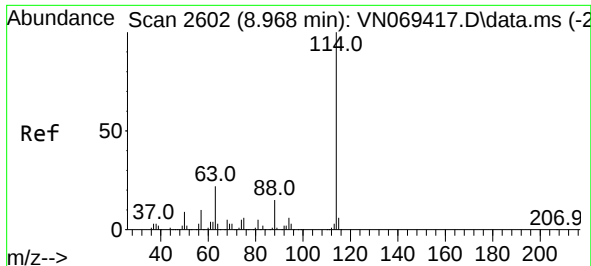
Tgt Ion: 65

Sig Exp Ratio

65 100

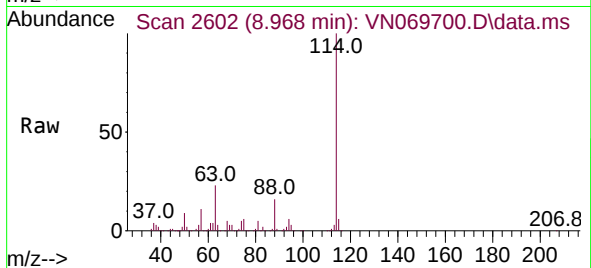
67 51.5





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 206.9
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

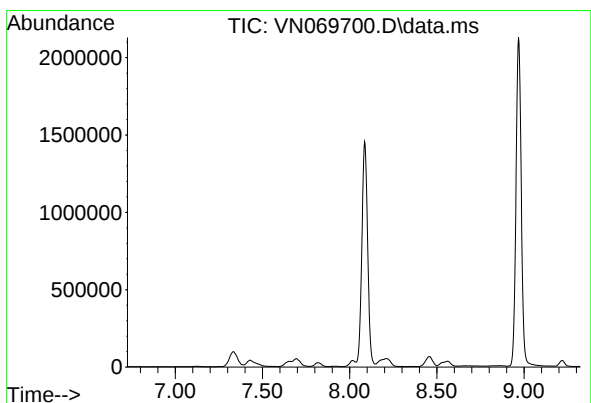
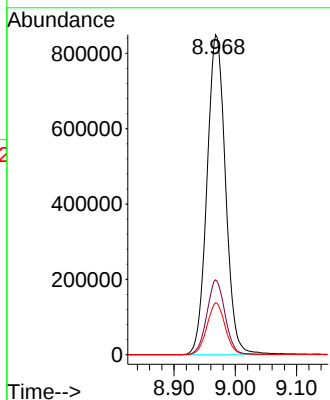
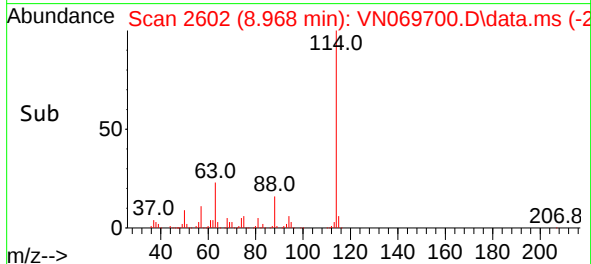
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:114 Resp: 1784834
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.3 0.0 27.4

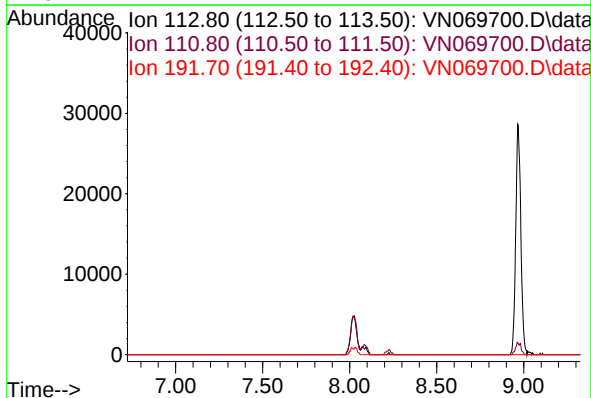
Manual Integrations
APPROVED

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



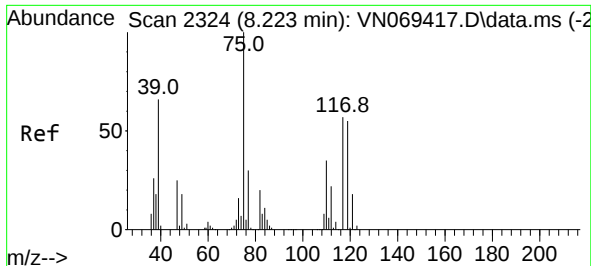
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.02 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.7
192 21.1



Ion 110.80 (110.50 to 111.50): VN069700.D\data.ms

Ion 191.70 (191.40 to 192.40): VN069700.D\data.ms



#36

1,1-Dichloropropene

Concen: 1.144 ug/l

RT: 8.222 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069700.D

Acq: 2 Dec 2021 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

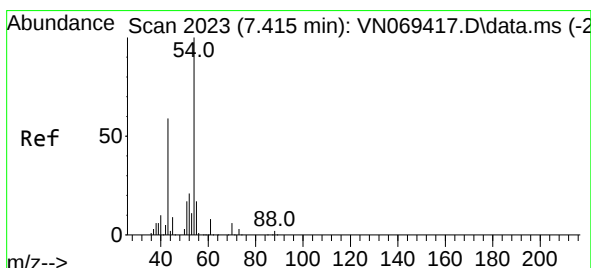
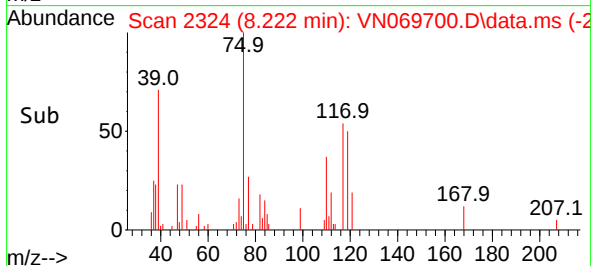
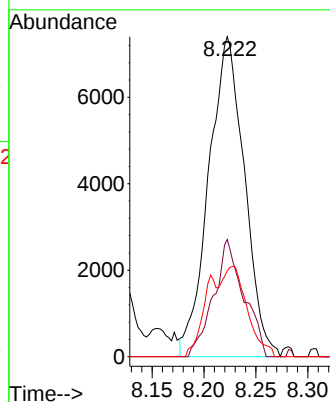
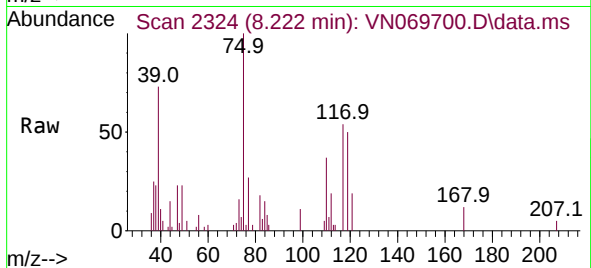
Tgt Ion:	75	Resp:	1771
Ion Ratio	Lower	Upper	
75	100		
110	30.9	18.4	55.2
77	9.9	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#37

Ethyl Acetate

Concen: 1.215 ug/l m

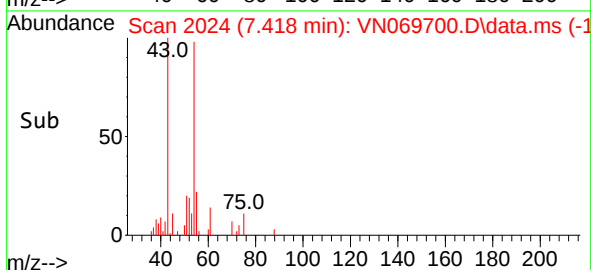
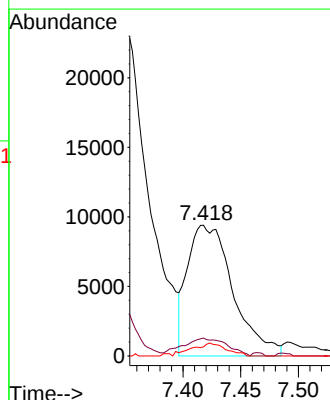
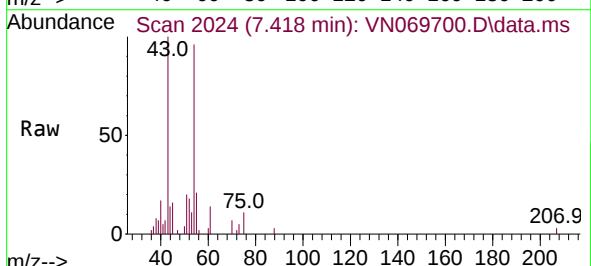
RT: 7.418 min Scan# 2024

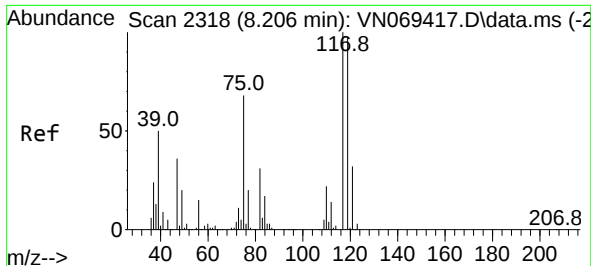
Delta R.T. 0.003 min

Lab File: VN069700.D

Acq: 2 Dec 2021 17:38

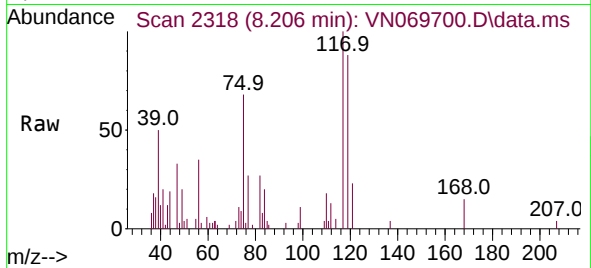
Tgt Ion:	43	Resp:	25858
Ion Ratio	Lower	Upper	
43	100		
61	13.2	11.5	17.3
70	7.3	7.9	11.9





#38
Carbon Tetrachloride
Concen: 1.114 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

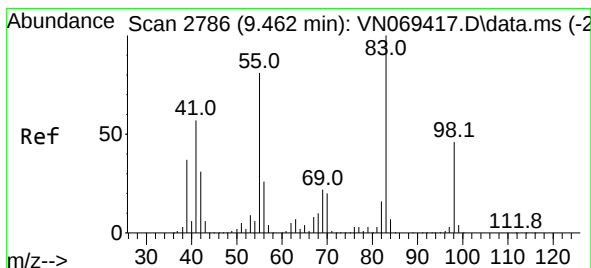
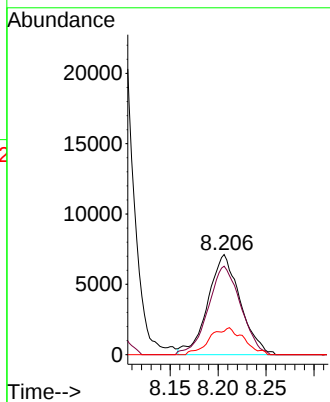
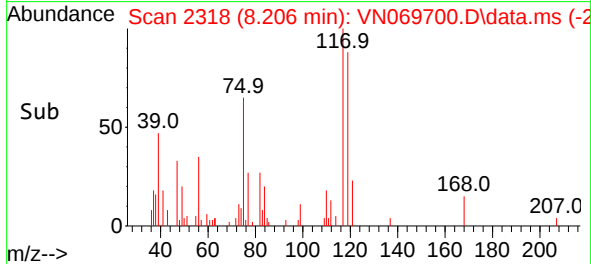
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 16704
Ion Ratio Lower Upper
117 100
119 88.4 76.1 114.1
121 23.2 24.2 36.2

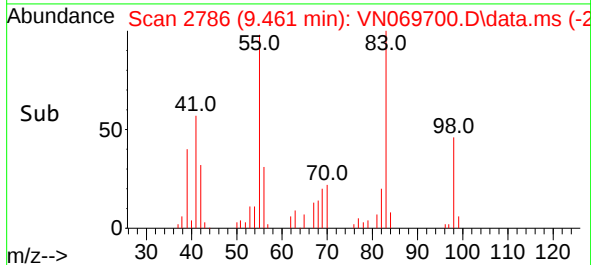
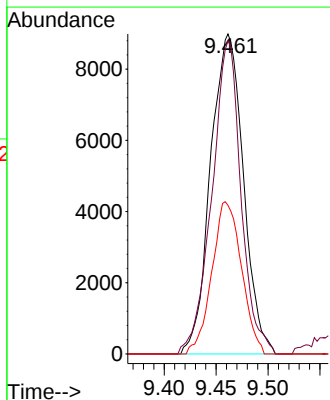
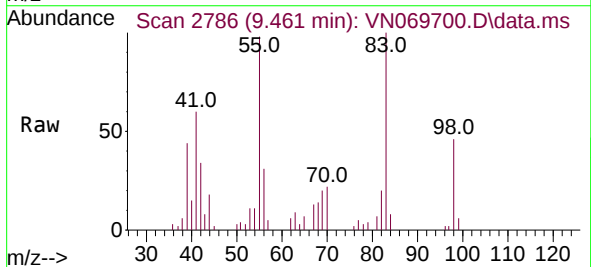
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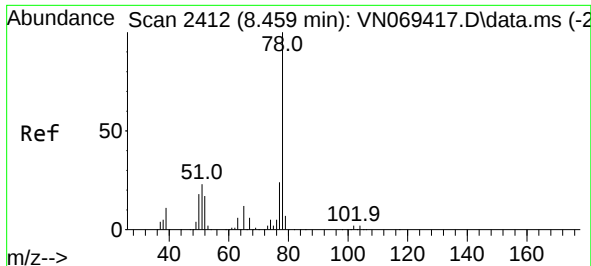
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#39
Methylcyclohexane
Concen: 1.034 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion: 83 Resp: 19744
Ion Ratio Lower Upper
83 100
55 97.8 58.1 87.1#
98 46.5 38.4 57.6





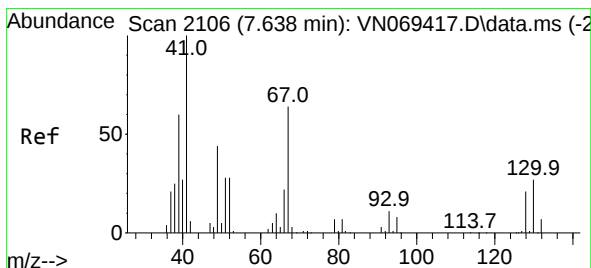
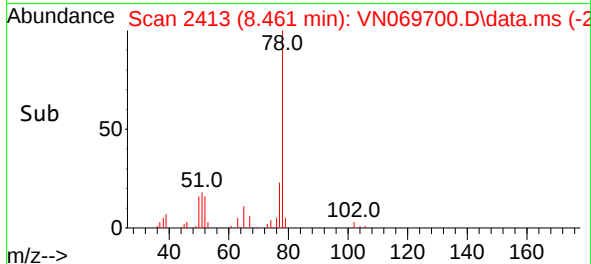
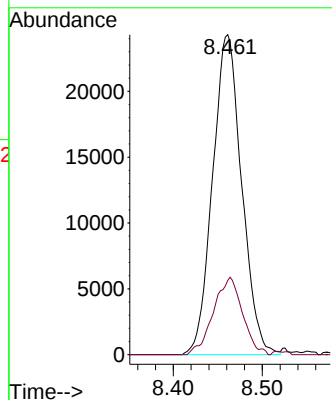
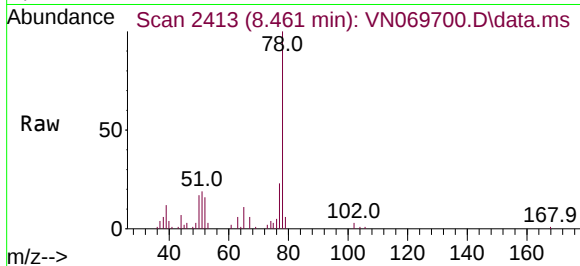
#40
Benzene
Concen: 1.155 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 5521
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8

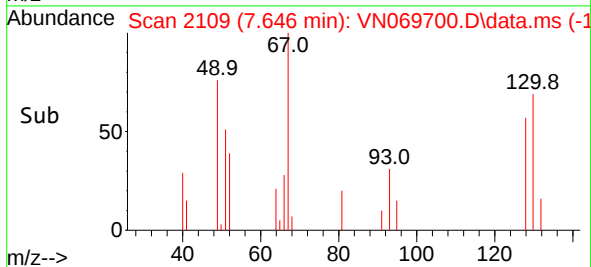
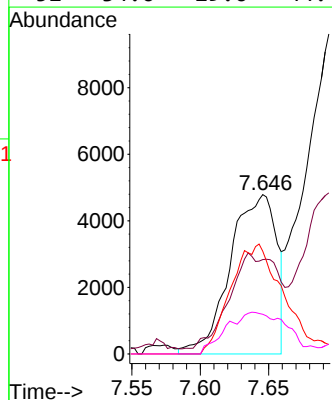
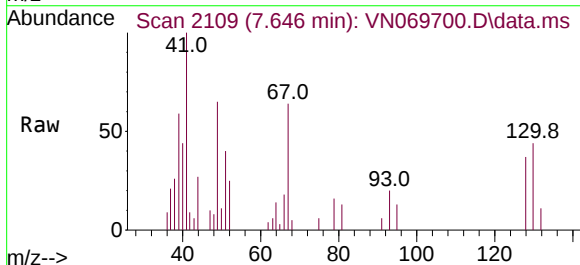
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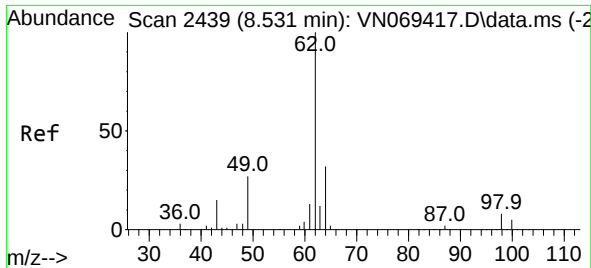
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#41
Methacrylonitrile
Concen: 1.025 ug/l m
RT: 7.646 min Scan# 2109
Delta R.T. 0.005 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion: 41 Resp: 11266
Ion Ratio Lower Upper
41 100
39 38.0 48.1 72.1#
67 81.2 68.3 102.5
52 34.6 29.6 44.4





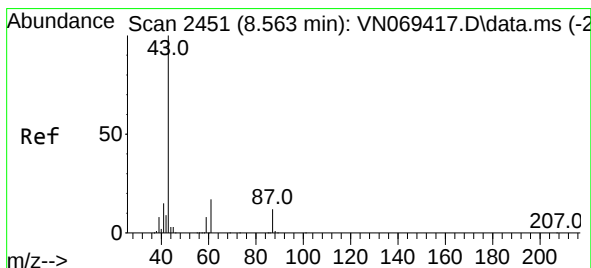
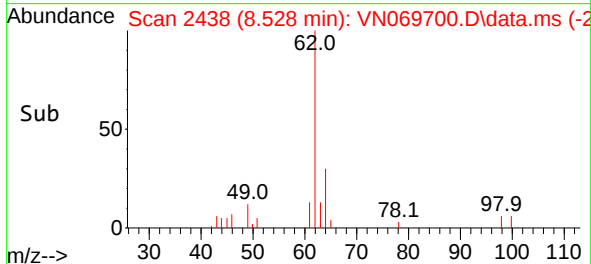
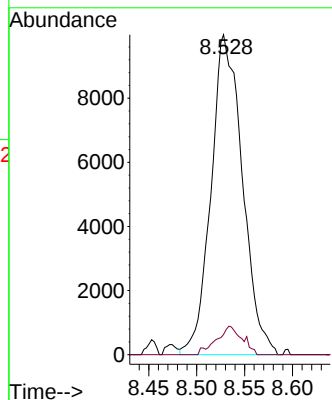
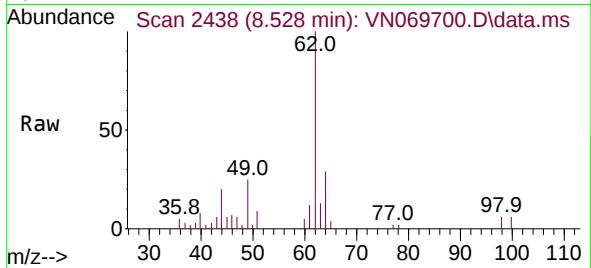
#42
1,2-Dichloroethane
Concen: 1.209 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 22729
Ion Ratio Lower Upper
62 100
98 7.2 0.0 17.6

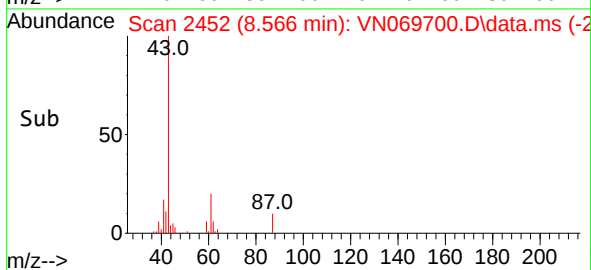
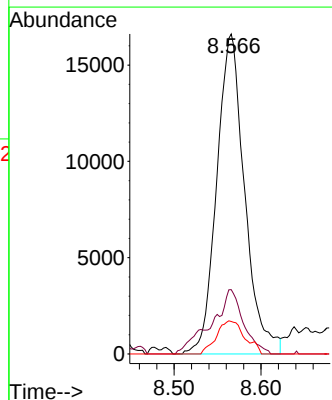
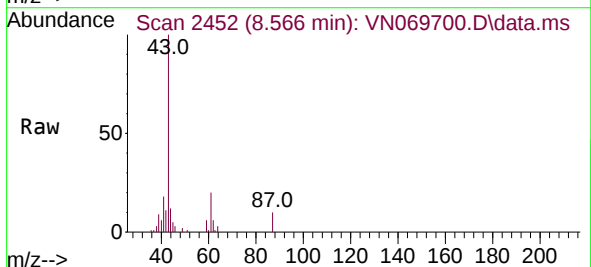
Manual Integrations
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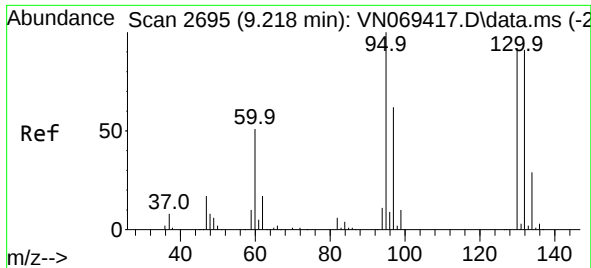
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#43
Isopropyl Acetate
Concen: 1.097 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

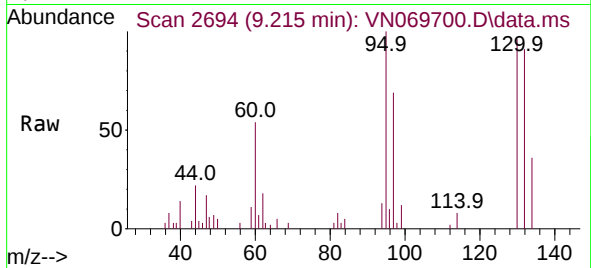
Tgt Ion: 43 Resp: 37005
Ion Ratio Lower Upper
43 100
61 18.3 20.4 30.6#
87 10.4 11.2 16.8#





#44
 Trichloroethene
 Concen: 1.078 ug/l
 RT: 9.215 min Scan# 2694
 Delta R.T. -0.003 min
 Lab File: VN069700.D
 Acq: 2 Dec 2021 17:38

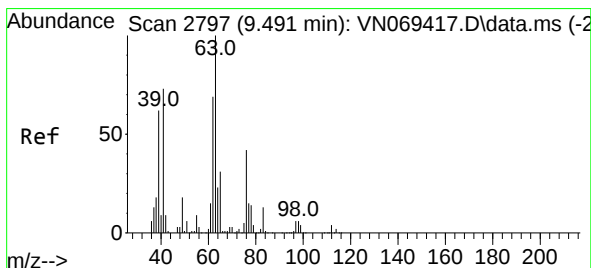
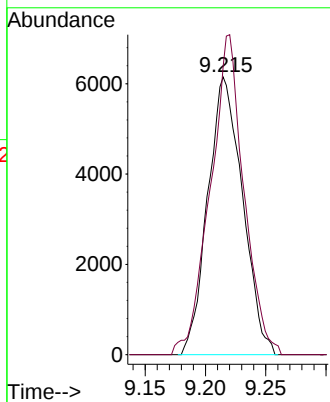
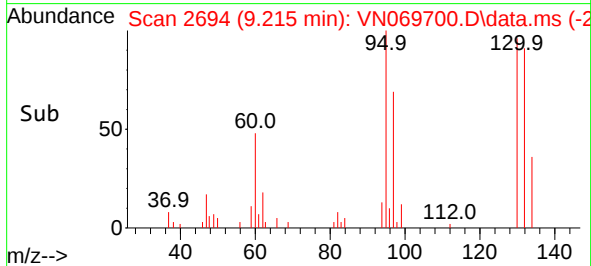
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



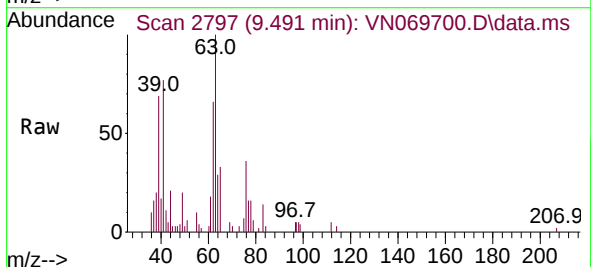
Tgt Ion:130 Resp: 1234
 Ion Ratio Lower Upper
 130 100
 95 100.7 0.0 191.2

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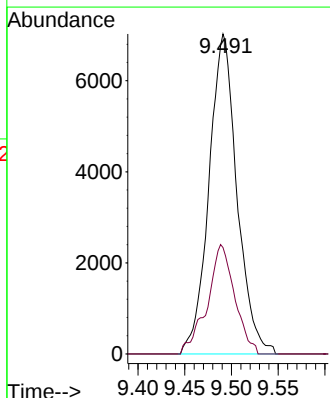
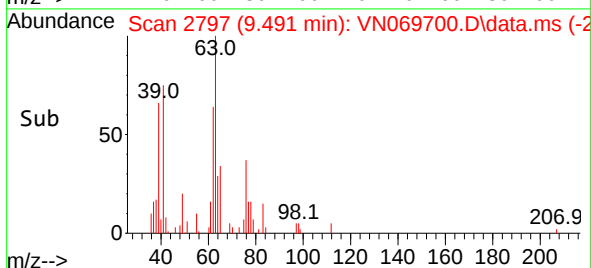
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021

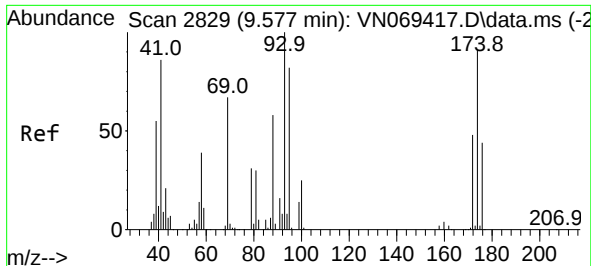


#45
 1,2-Dichloropropane
 Concen: 1.154 ug/l
 RT: 9.491 min Scan# 2797
 Delta R.T. 0.000 min
 Lab File: VN069700.D
 Acq: 2 Dec 2021 17:38



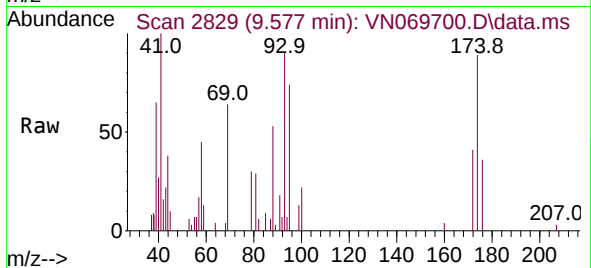
Tgt Ion: 63 Resp: 14693
 Ion Ratio Lower Upper
 63 100
 65 33.3 24.7 37.1





#46
Dibromomethane
Concen: 1.103 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

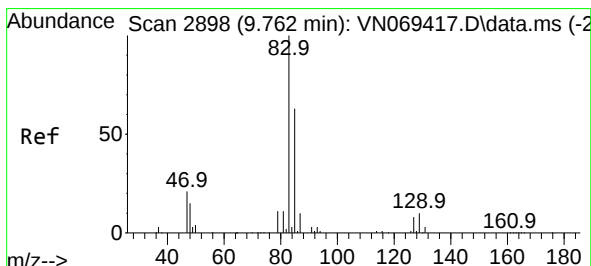
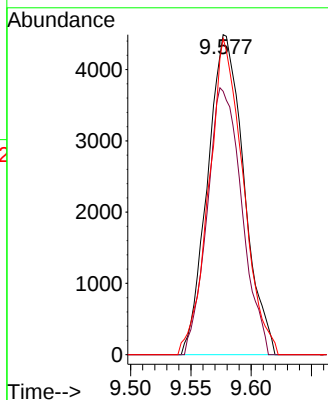
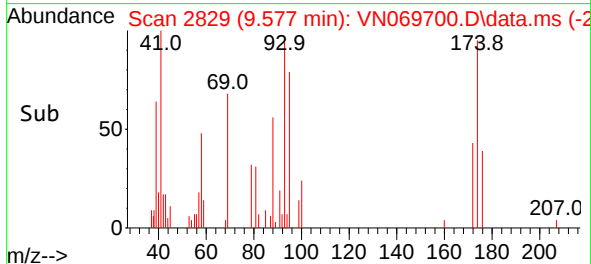
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



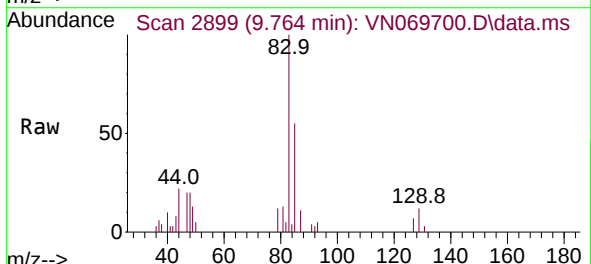
Tgt Ion: 93 Resp: 9398
Ion Ratio Lower Upper
93 100
95 79.5 65.9 98.9
174 92.9 84.6 127.0

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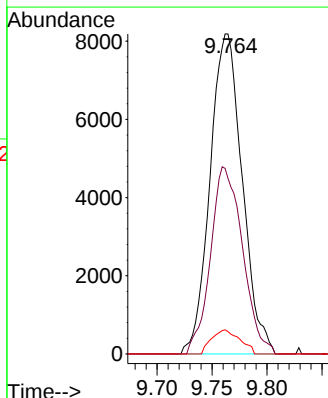
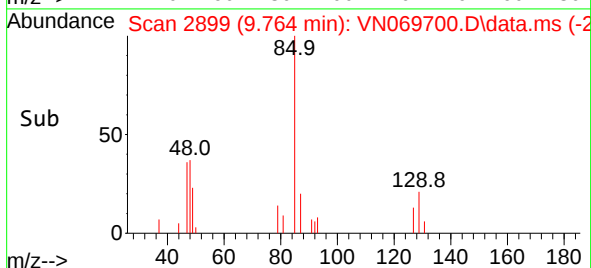
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

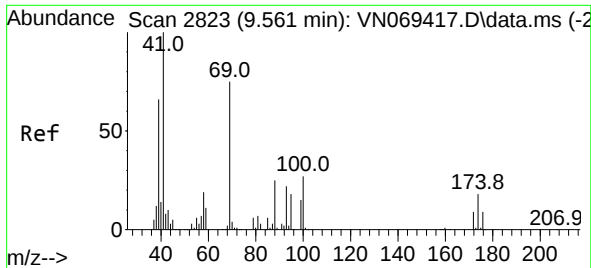


#47
Bromodichloromethane
Concen: 1.048 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38



Tgt Ion: 83 Resp: 16665
Ion Ratio Lower Upper
83 100
85 54.9 50.9 76.3
127 7.0 7.1 10.7#





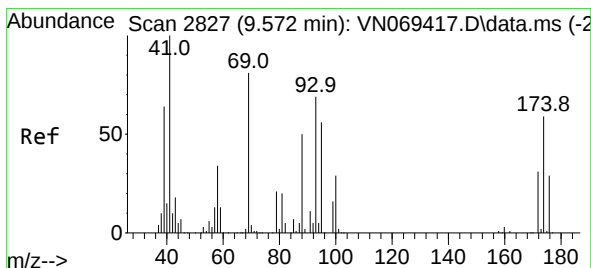
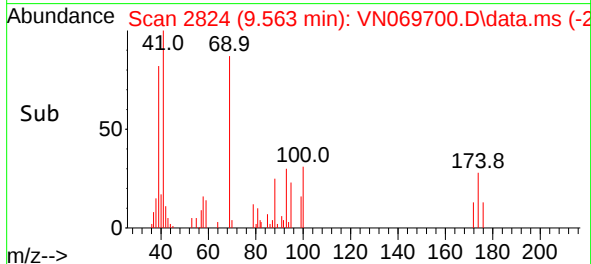
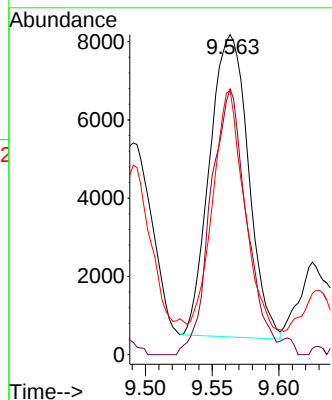
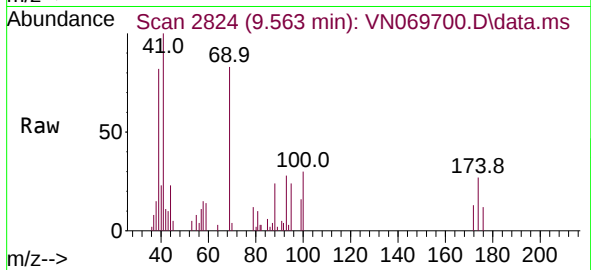
#48
Methyl methacrylate
Concen: 0.989 ug/l
RT: 9.563 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001

Tgt Ion: 41 Resp: 1556
Ion Ratio Lower Upper
41 100
69 81.5 72.4 108.6
39 65.7 58.4 87.6

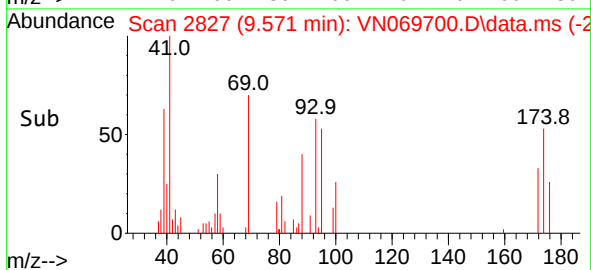
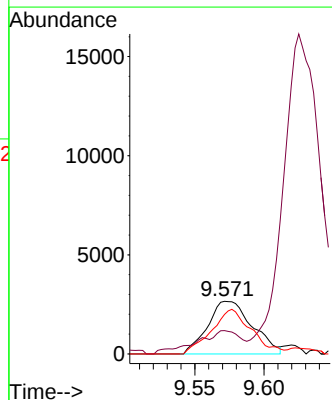
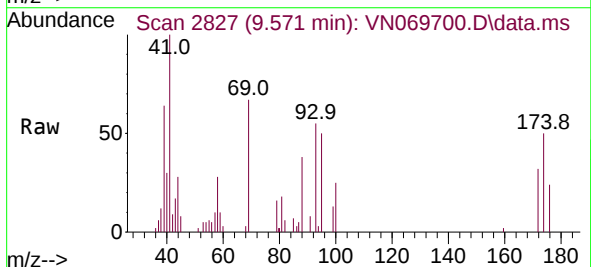
Manual Integrations
APPROVED

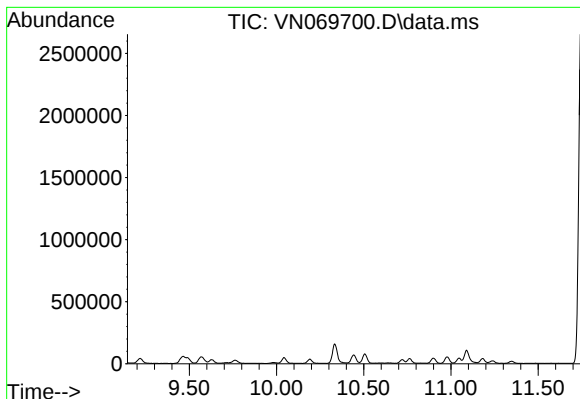
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#49
1,4-Dioxane
Concen: 21.031 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion: 88 Resp: 5955
Ion Ratio Lower Upper
88 100
43 44.0 23.4 35.2#
58 75.8 50.6 75.8





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.44 min

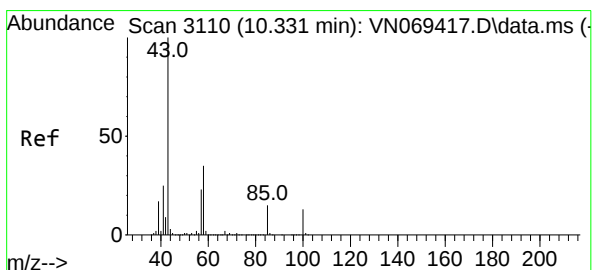
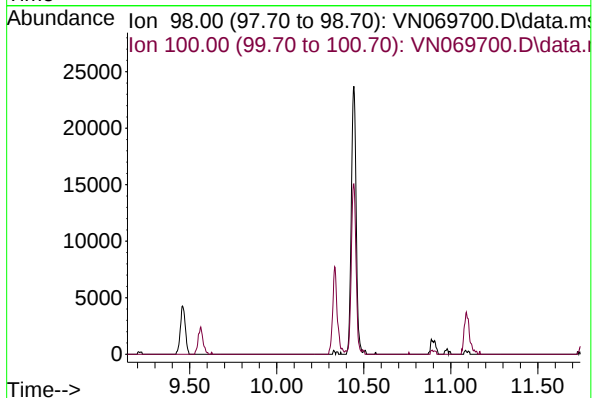
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 63.0

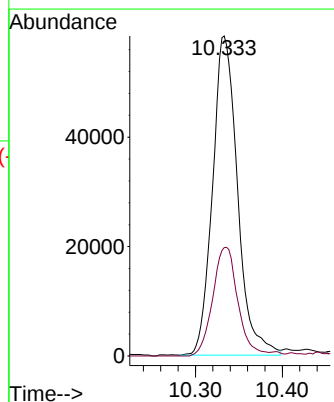
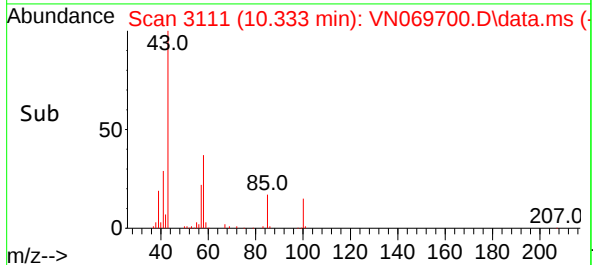
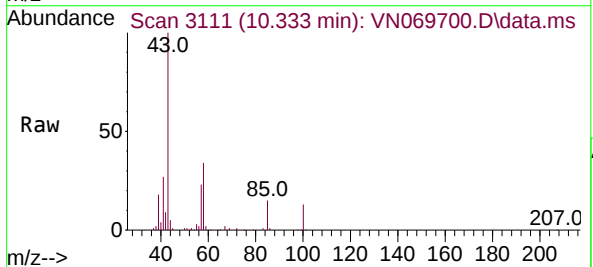
Manual Integrations APPROVED

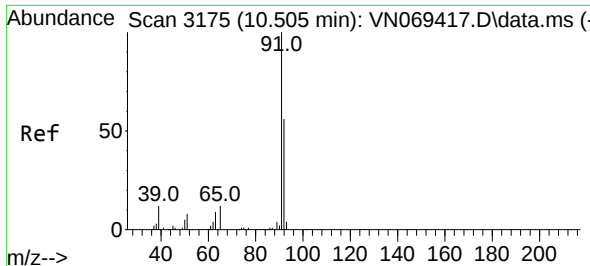
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#51
4-Methyl-2-Pentanone
Concen: 5.330 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

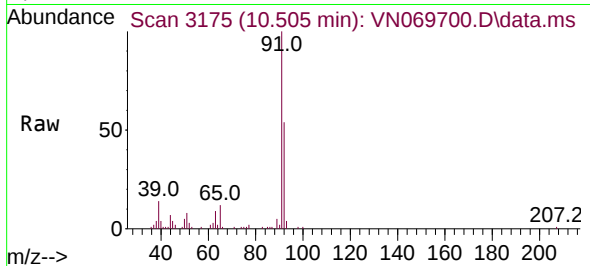
Tgt Ion: 43 Resp: 116492
Ion Ratio Lower Upper
43 100
58 34.1 30.4 45.6





#52
Toluene
Concen: 1.017 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

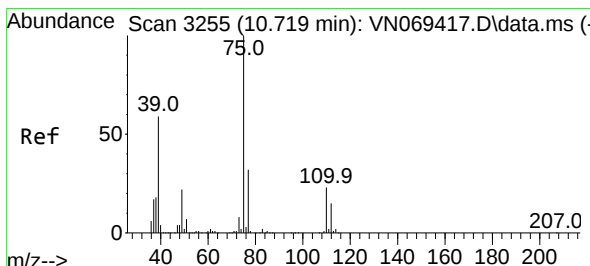
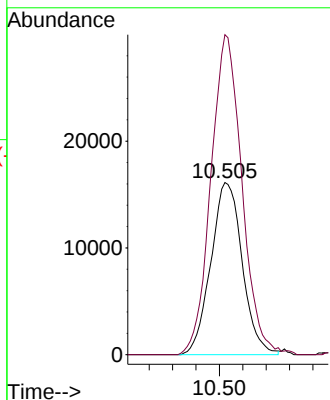
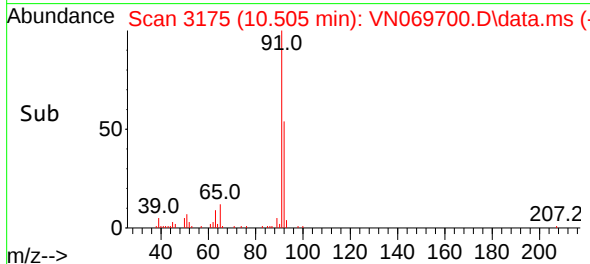
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



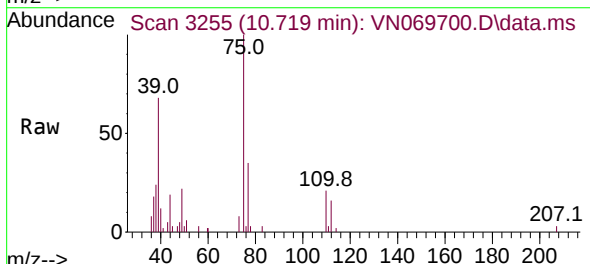
Tgt Ion: 92 Resp: 30080
Ion Ratio Lower Upper
92 100
91 184.1 142.0 213.0

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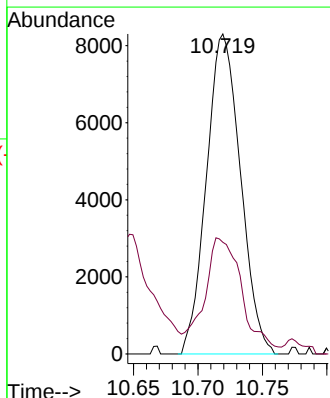
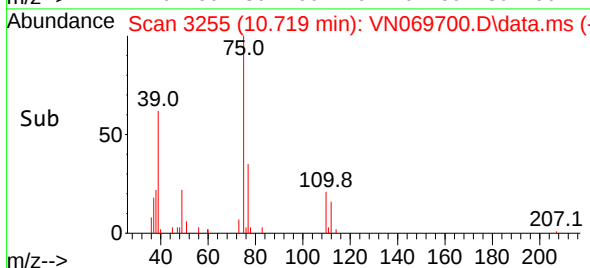
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

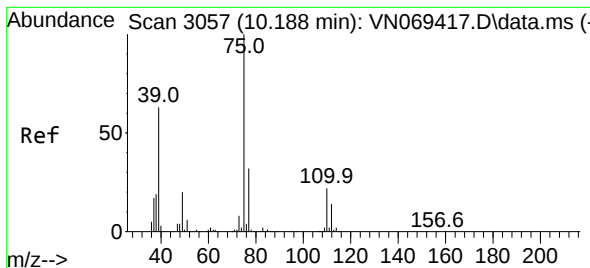


#53
t-1,3-Dichloropropene
Concen: 0.914 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38



Tgt Ion: 75 Resp: 15255
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4





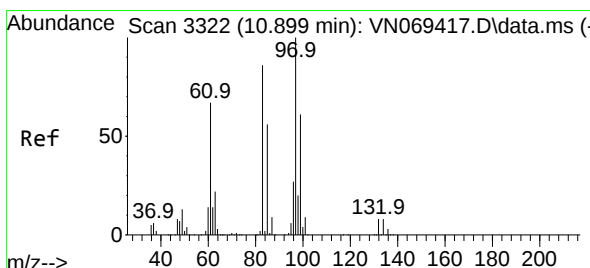
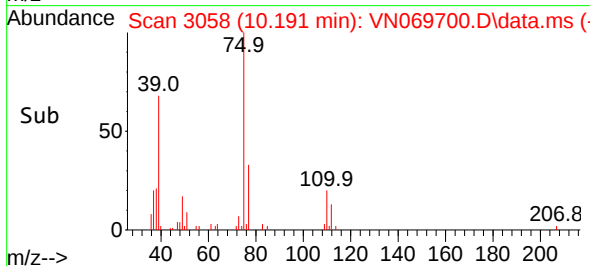
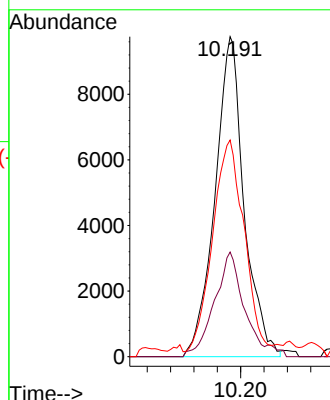
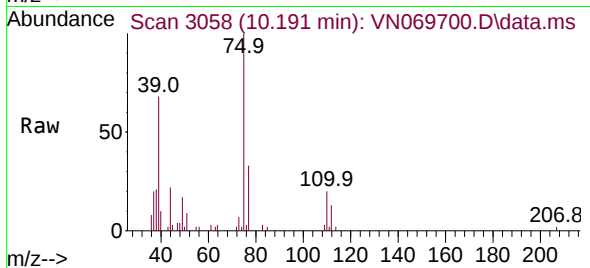
#54
 cis-1,3-Dichloropropene
 Concen: 0.927 ug/l
 RT: 10.191 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN069700.D
 Acq: 2 Dec 2021 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 1687
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.4 39.6
 39 64.1 42.5 63.7

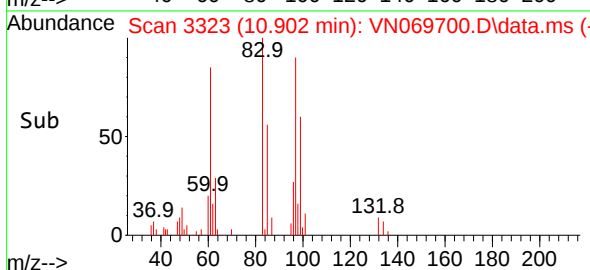
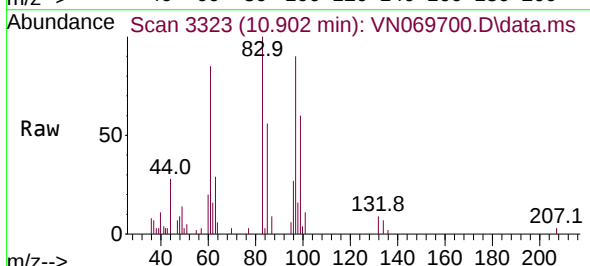
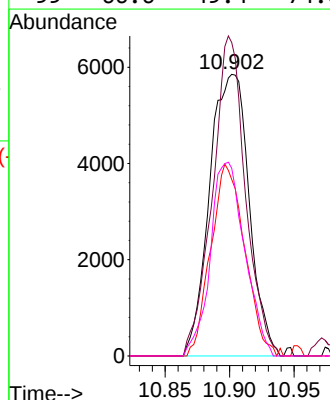
Manual Integrations
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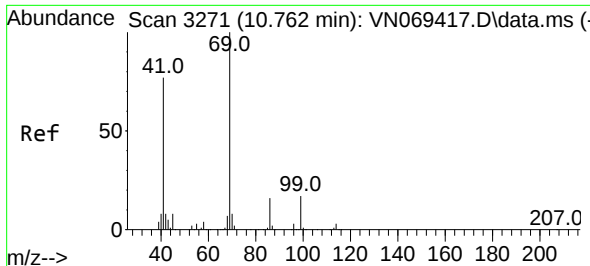
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#55
 1,1,2-Trichloroethane
 Concen: 1.047 ug/l
 RT: 10.902 min Scan# 3323
 Delta R.T. 0.003 min
 Lab File: VN069700.D
 Acq: 2 Dec 2021 17:38

Tgt Ion: 97 Resp: 12471
 Ion Ratio Lower Upper
 97 100
 83 111.3 67.8 101.6#
 85 62.7 45.4 68.2
 99 66.6 49.4 74.0





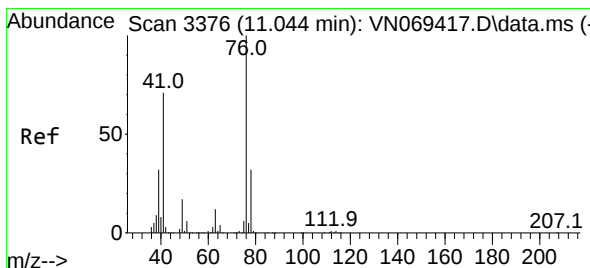
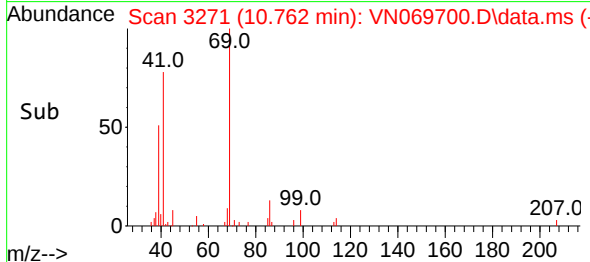
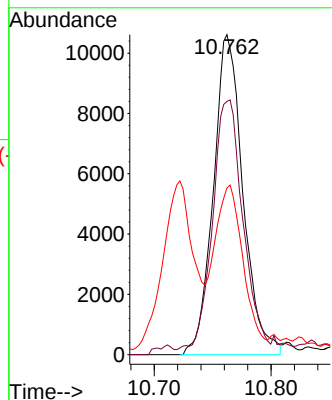
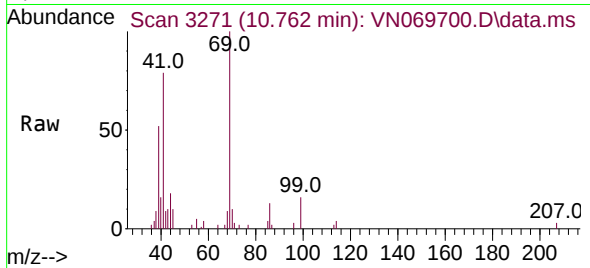
#56
Ethyl methacrylate
Concen: 0.939 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 1866
Ion Ratio Lower Upper
69 100
41 80.3 51.4 77.0
39 46.4 34.6 52.0

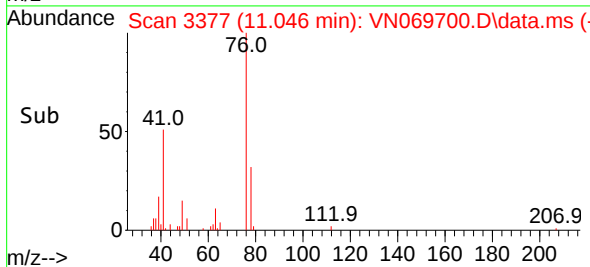
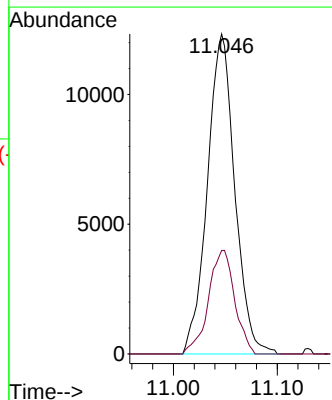
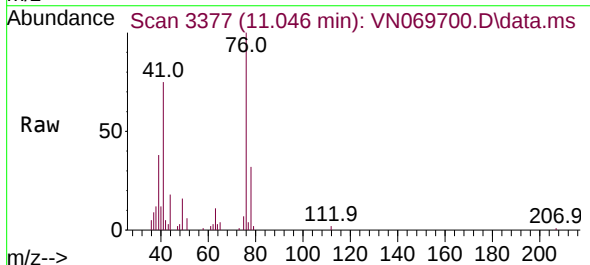
Manual Integrations
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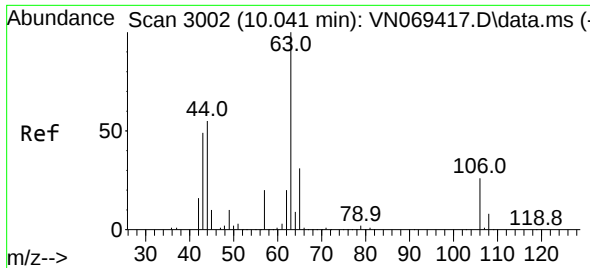
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#57
1,3-Dichloropropane
Concen: 1.076 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion: 76 Resp: 22613
Ion Ratio Lower Upper
76 100
78 30.9 25.7 38.5





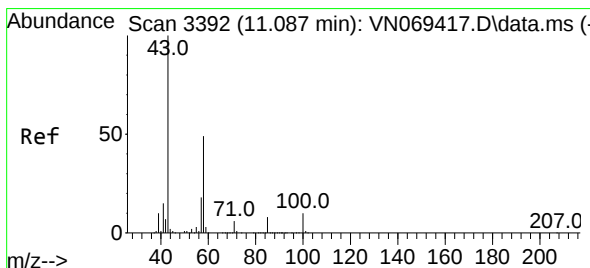
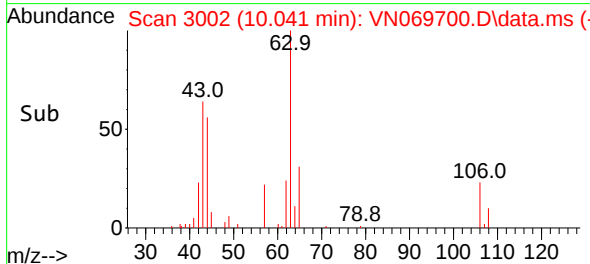
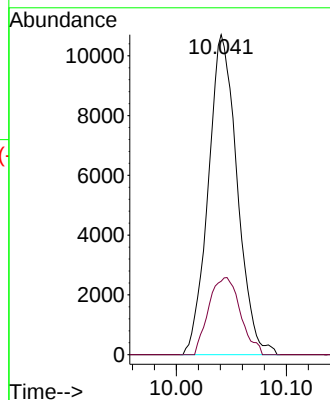
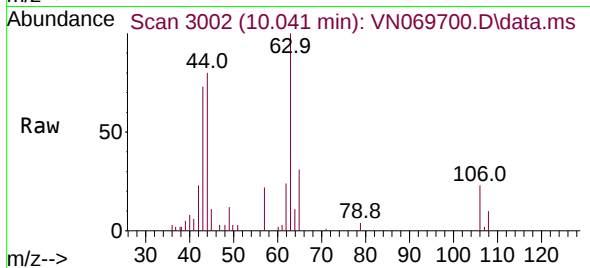
#58
2-Chloroethyl Vinyl ether
Concen: 4.150 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 1956
Ion Ratio Lower Upper
63 100
106 26.3 23.9 35.9

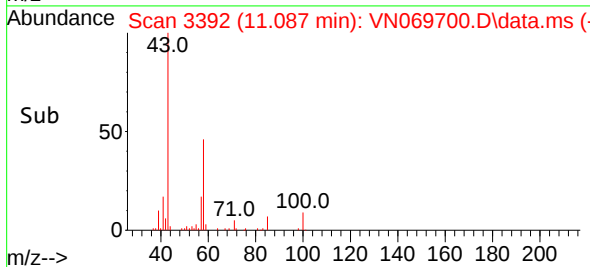
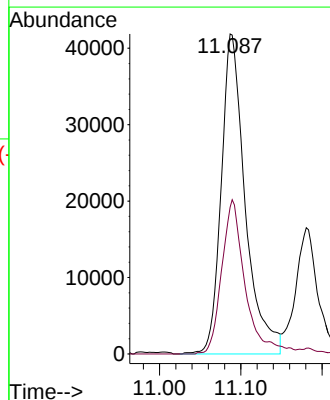
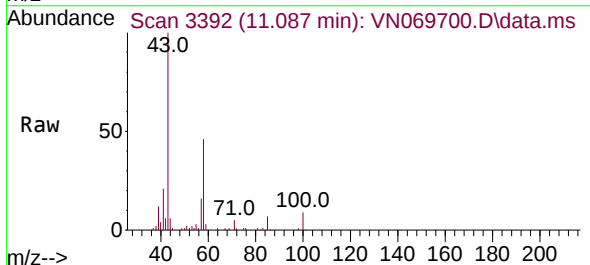
Manual Integrations
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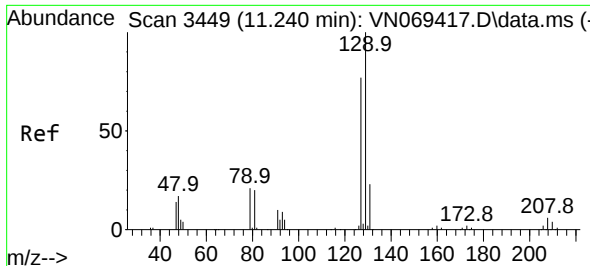
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#59
2-Hexanone
Concen: 5.269 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion: 43 Resp: 85938
Ion Ratio Lower Upper
43 100
58 47.0 26.9 80.7





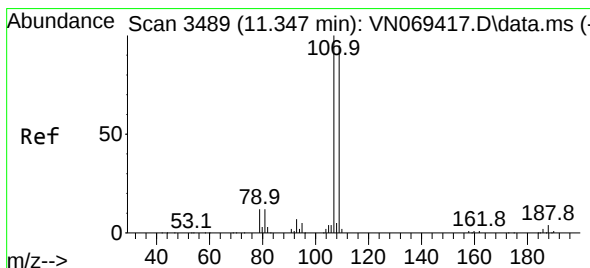
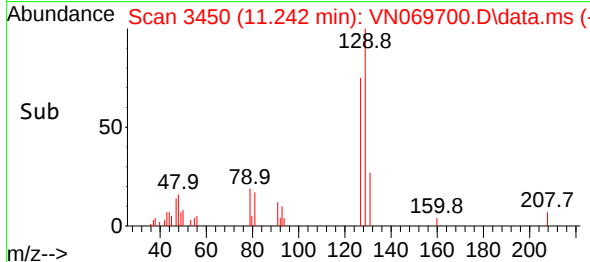
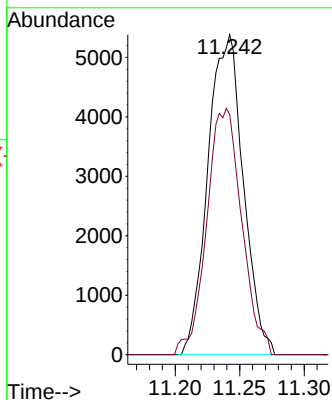
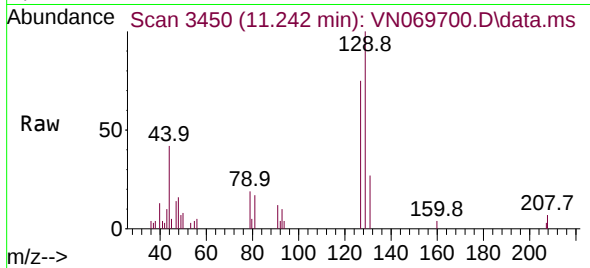
#60
Dibromochloromethane
Concen: 0.918 ug/l
RT: 11.242 min Scan# 3449
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:129 Resp: 1027
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0

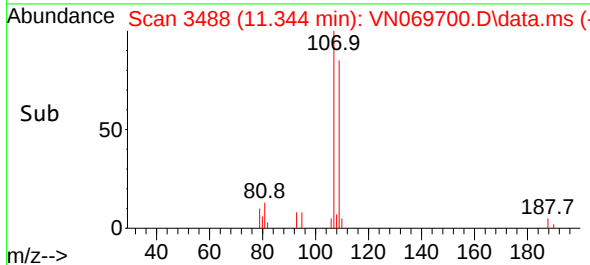
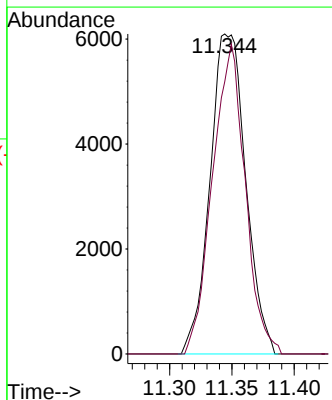
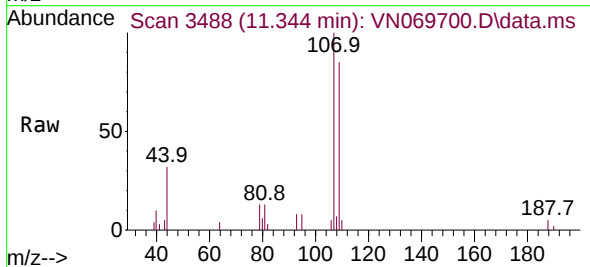
Manual Integrations
APPROVED

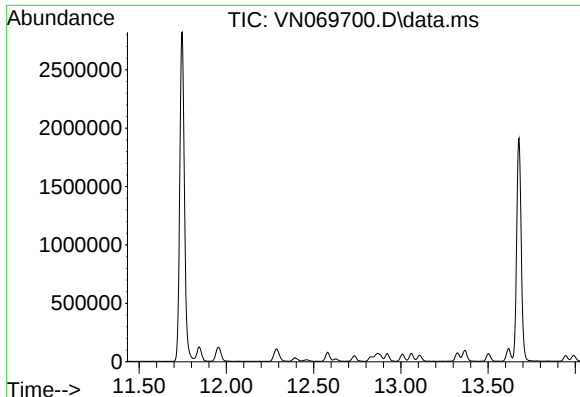
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#61
1,2-Dibromoethane
Concen: 1.008 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion:107 Resp: 12197
Ion Ratio Lower Upper
107 100
109 88.4 75.7 113.5





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.73 min
 Lab File: VN069700.D
 Acq: 2 Dec 2021 17:38

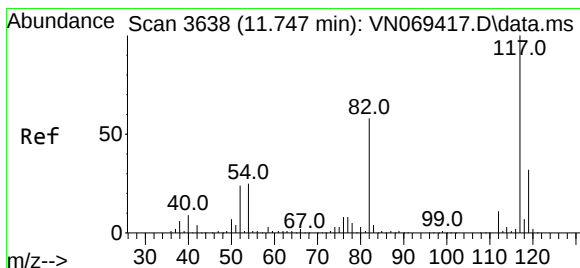
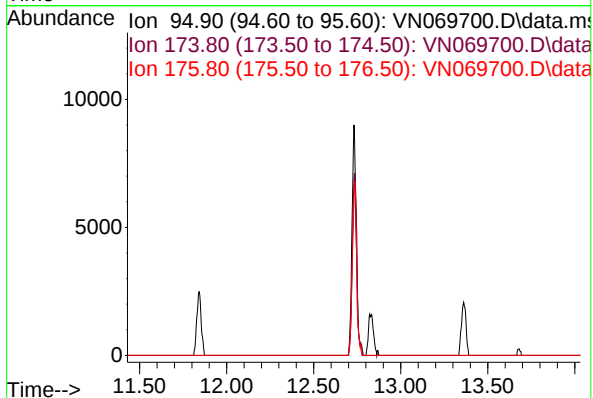
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95

Sig	Exp	Ratio
95	100	
174	93.6	
176	90.7	

Manual Integrations APPROVED

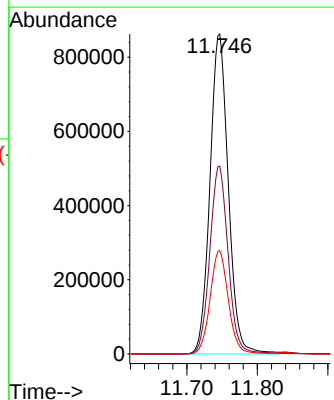
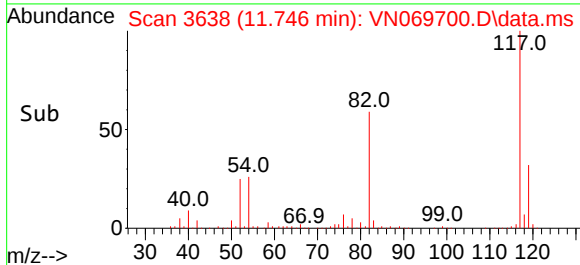
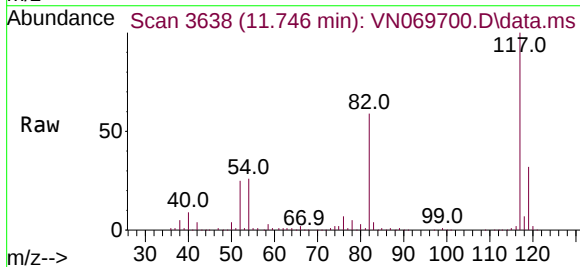
Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/06/2021

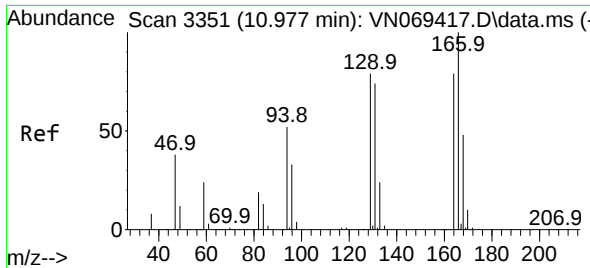


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.746 min Scan# 3638
 Delta R.T. 0.000 min
 Lab File: VN069700.D
 Acq: 2 Dec 2021 17:38

Tgt Ion: 117 Resp: 1561108

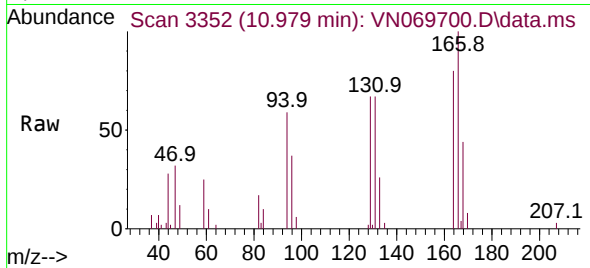
Ion	Ratio	Lower	Upper
117	100		
82	58.7	42.4	63.6
119	32.3	25.4	38.2





#64
Tetrachloroethene
Concen: 1.247 ug/l
RT: 10.979 min Scan# 3351
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

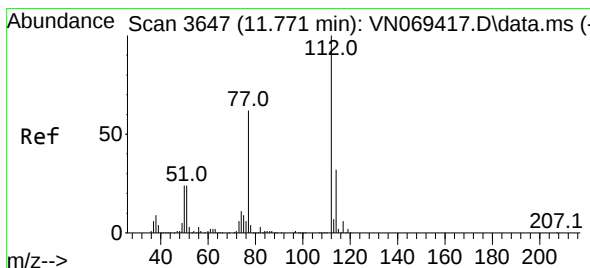
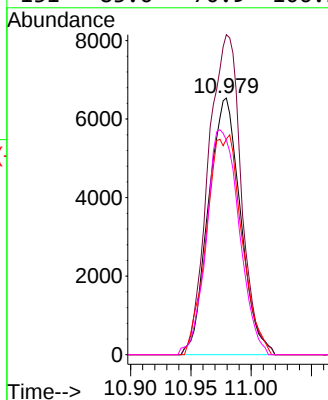
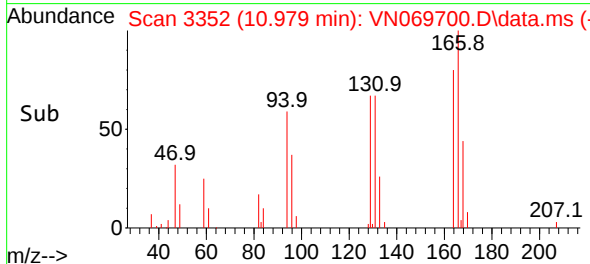
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 1213
Ion Ratio Lower Upper
164 100
166 124.7 101.9 152.9
129 84.0 72.0 108.0
131 83.6 70.9 106.3

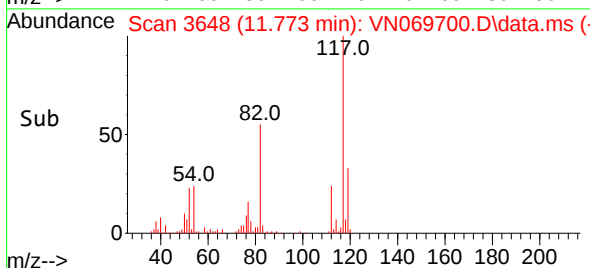
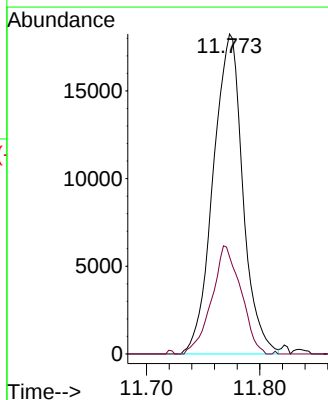
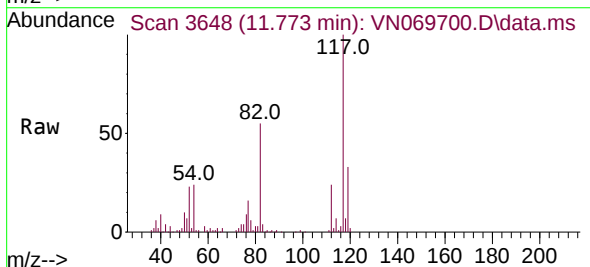
Manual Integrations
APPROVED

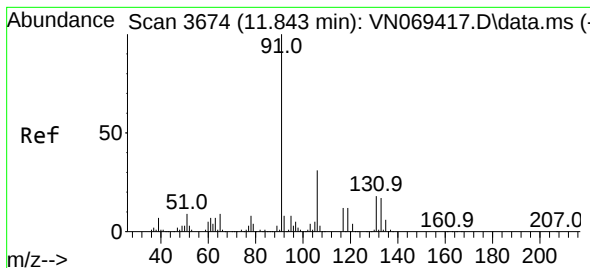
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#65
Chlorobenzene
Concen: 1.113 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

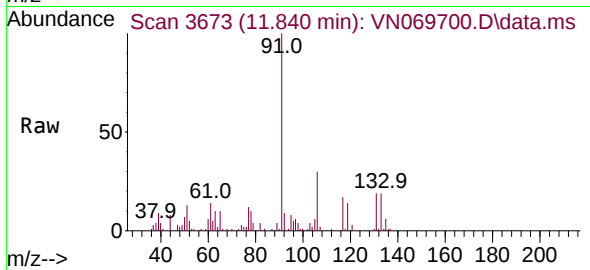
Tgt Ion:112 Resp: 33186
Ion Ratio Lower Upper
112 100
114 30.4 25.4 38.0





#66
1,1,1,2-Tetrachloroethane
Concen: 1.050 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

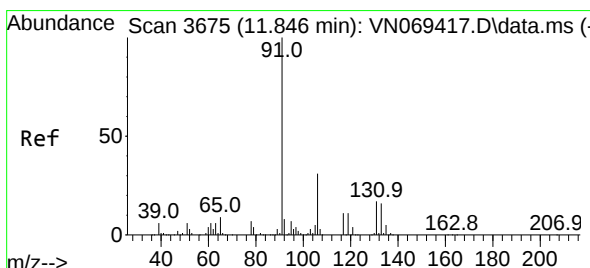
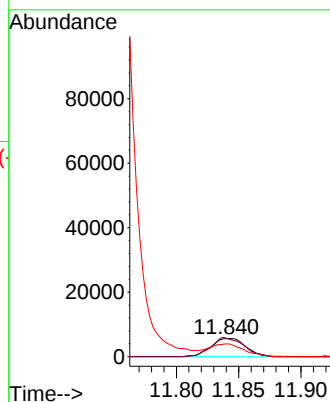
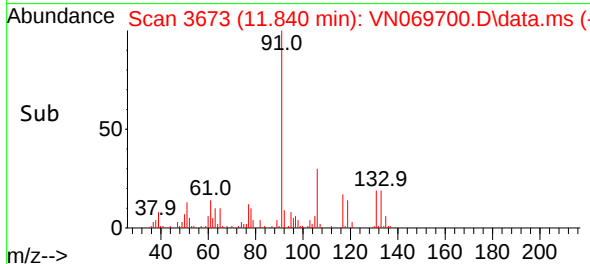
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:131 Resp: 1088
Ion Ratio Lower Upper
131 100
133 98.0 47.9 143.7
119 0.0 32.1 96.5

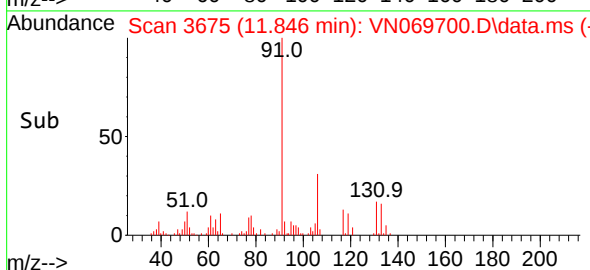
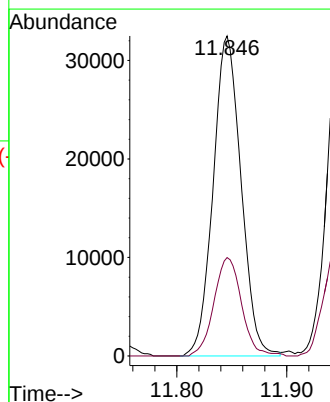
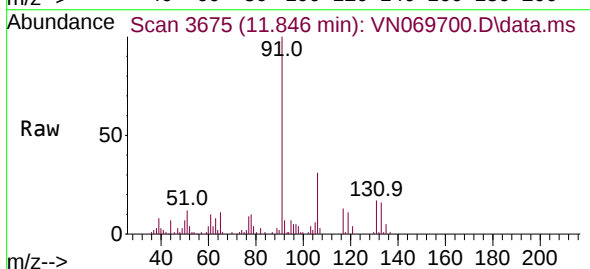
Manual Integrations
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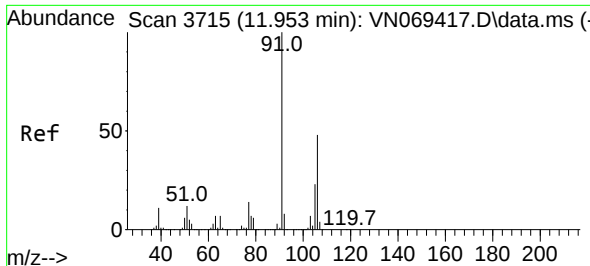
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#67
Ethyl Benzene
Concen: 1.039 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion: 91 Resp: 57200
Ion Ratio Lower Upper
91 100
106 30.8 25.7 38.5





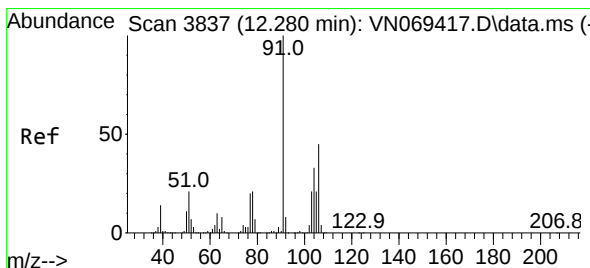
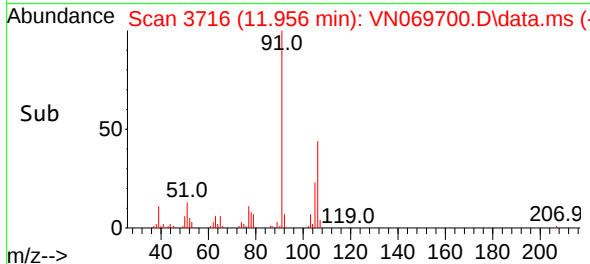
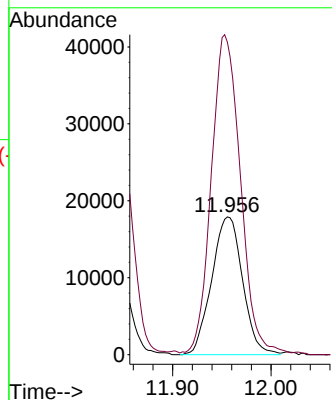
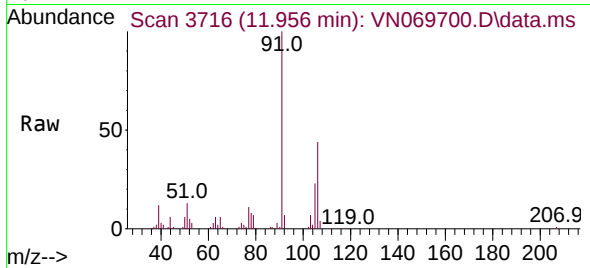
#68
m/p-Xylenes
Concen: 1.939 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 3909
Ion Ratio Lower Upper
106 100
91 217.1 160.6 240.8

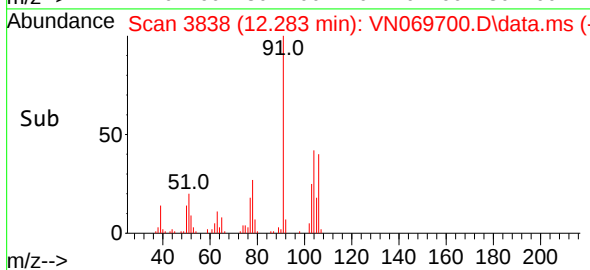
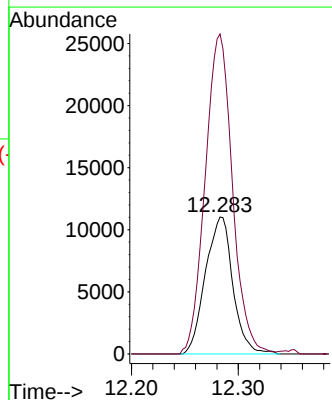
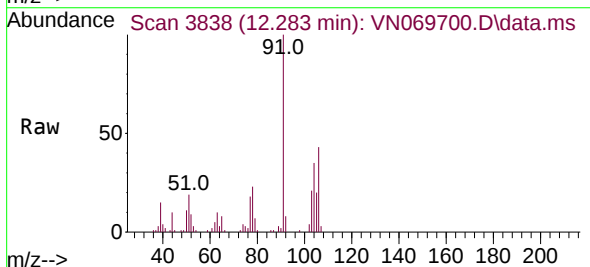
Manual Integrations
APPROVED

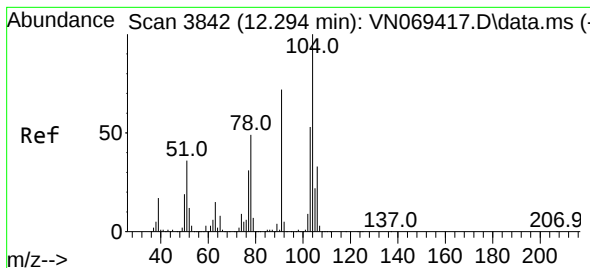
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#69
o-Xylene
Concen: 0.979 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion:106 Resp: 19704
Ion Ratio Lower Upper
106 100
91 231.7 105.8 317.3





#70

Styrene

Concen: 0.883 ug/l

RT: 12.296 min Scan# 3842

Delta R.T. 0.003 min

Lab File: VN069700.D

Acq: 2 Dec 2021 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

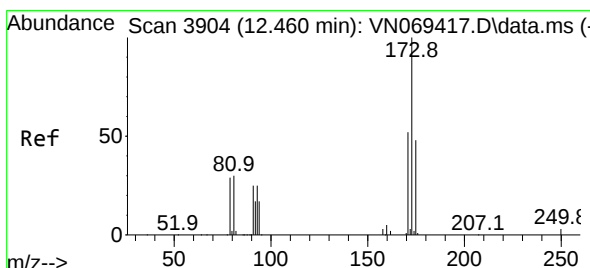
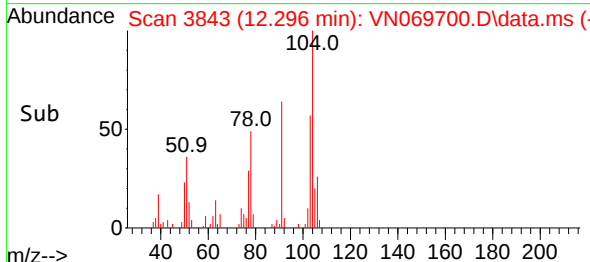
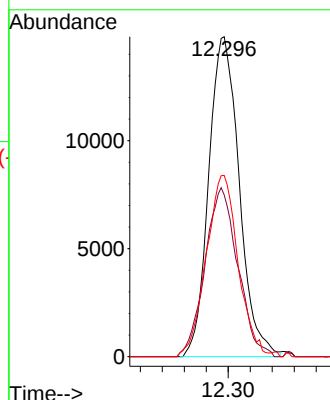
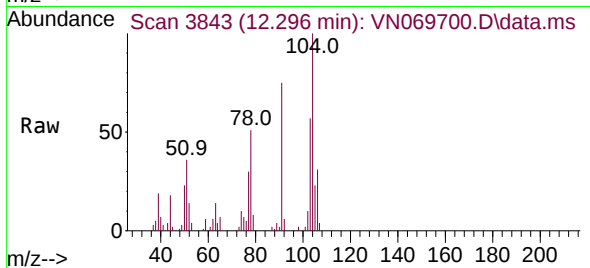
Tgt Ion:	104	Resp:	2856
Ion Ratio	Lower	Upper	
104	100		
78	56.7	38.7	58.1
103	59.1	45.0	67.6

Manual Integrations

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Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#71

Bromoform

Concen: 0.897 ug/l

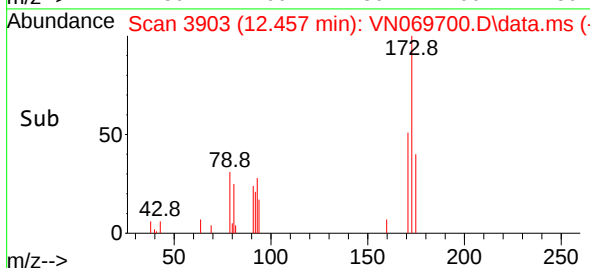
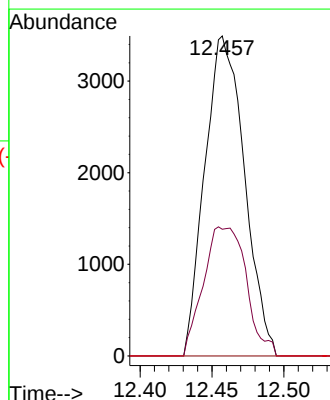
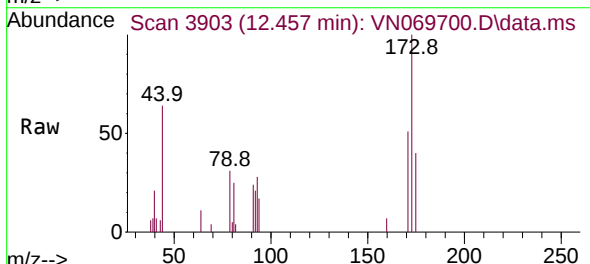
RT: 12.457 min Scan# 3903

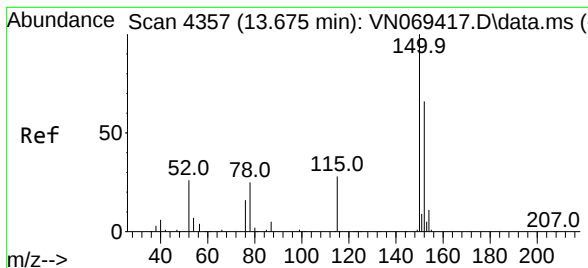
Delta R.T. -0.003 min

Lab File: VN069700.D

Acq: 2 Dec 2021 17:38

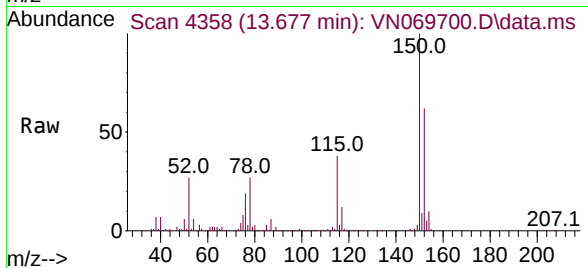
Tgt Ion:	173	Resp:	6695
Ion Ratio	Lower	Upper	
173	100		
175	43.6	24.2	72.6
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4357
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

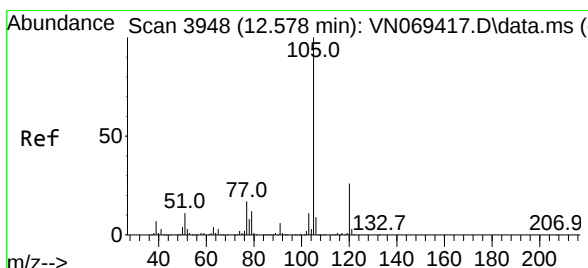
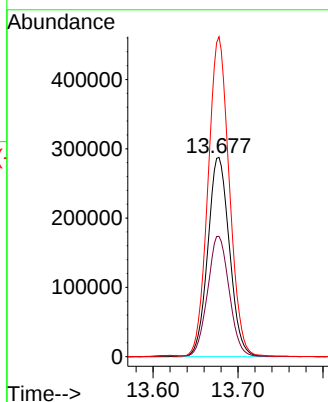
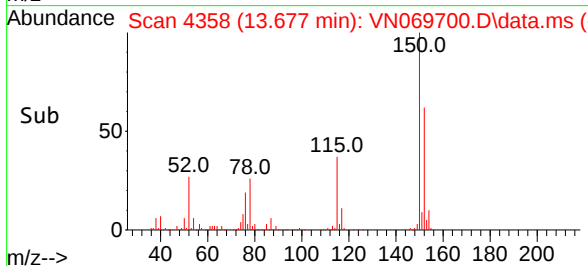
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



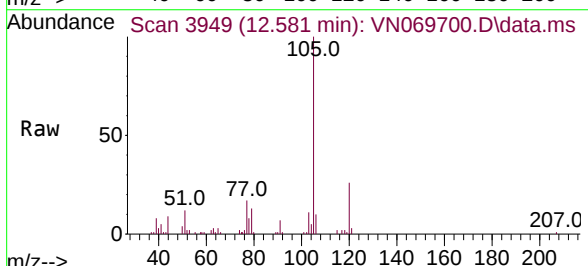
Tgt Ion:152 Resp: 509519
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 157.7 0.0 344.4

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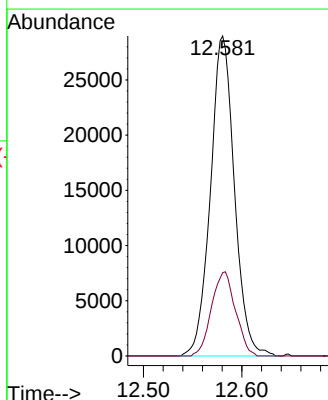
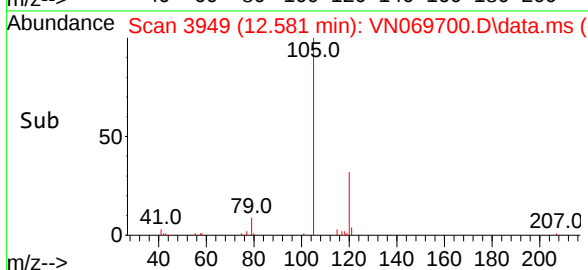
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

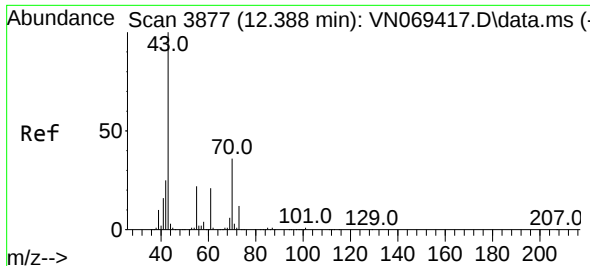


#73
Isopropylbenzene
Concen: 1.179 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38



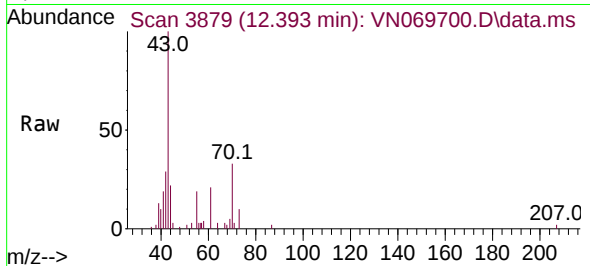
Tgt Ion:105 Resp: 49157
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1





#74
N-amy1 acetate
Concen: 1.172 ug/l
RT: 12.393 min Scan# 3877
Delta R.T. 0.005 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

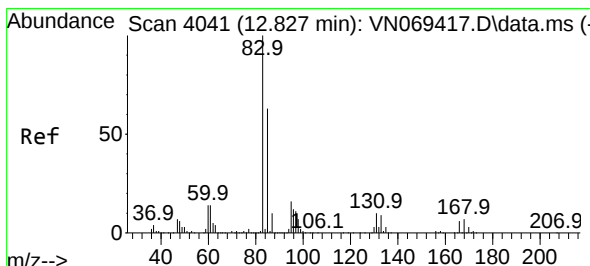
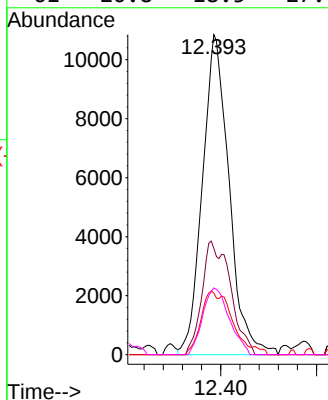
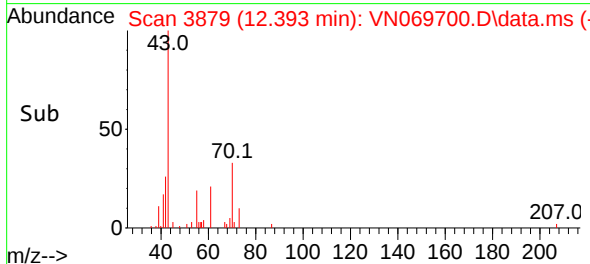
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 20909
Ion Ratio Lower Upper
43 100
70 22.2 33.4 50.0
55 13.2 19.3 28.9
61 20.8 18.5 27.7

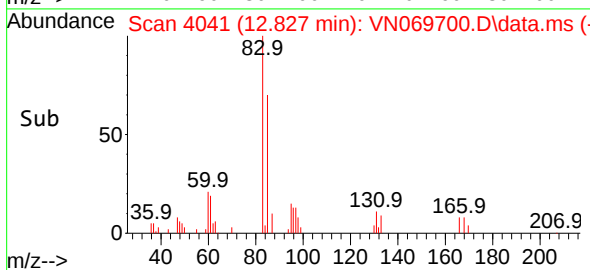
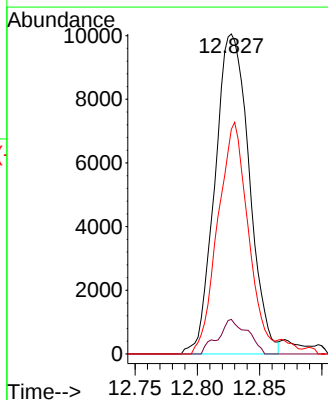
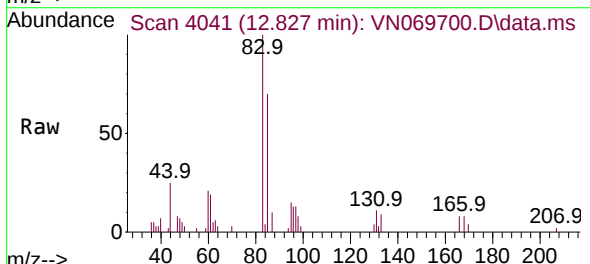
Manual Integrations
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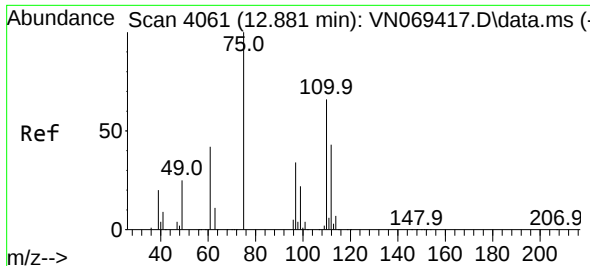
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#75
1,1,2,2-Tetrachloroethane
Concen: 1.360 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion: 83 Resp: 19213
Ion Ratio Lower Upper
83 100
131 9.2 5.5 16.5
85 64.4 32.4 97.2





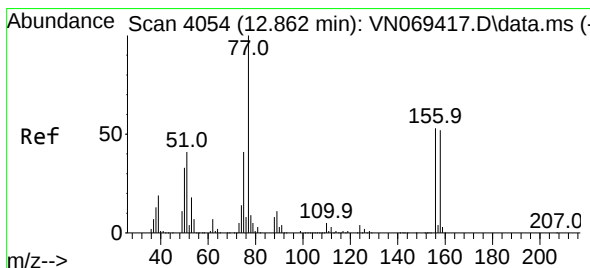
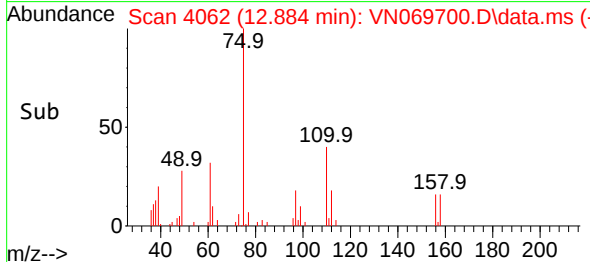
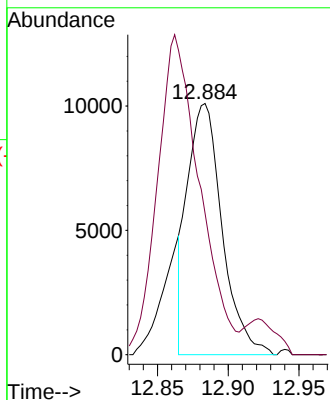
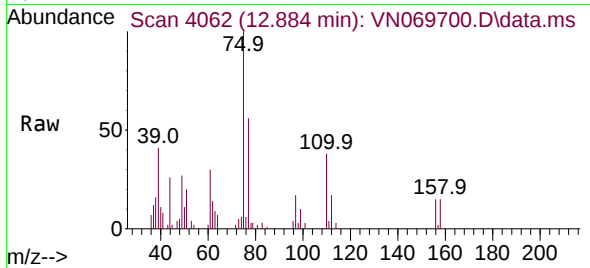
#76
1,2,3-Trichloropropane
Concen: 1.308 ug/l m
RT: 12.884 min Scan# 4061
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 17240
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8

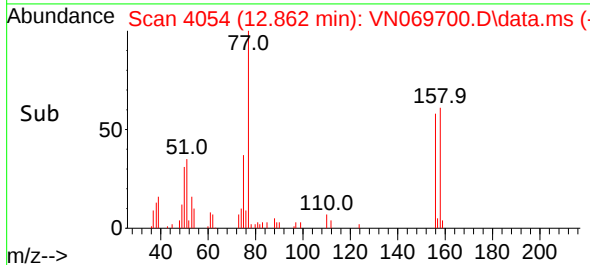
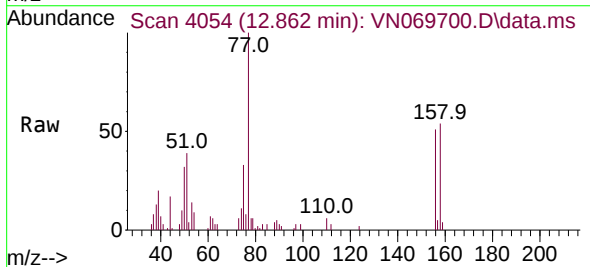
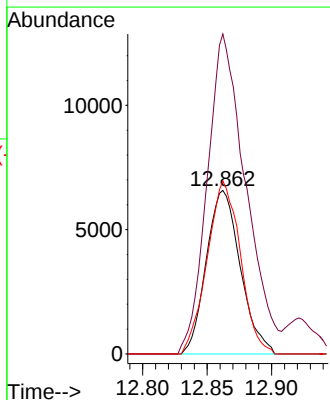
Manual Integrations
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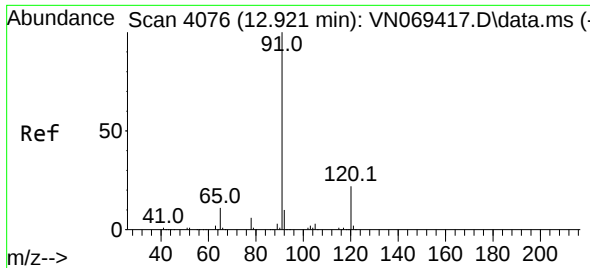
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#77
Bromobenzene
Concen: 1.261 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion:156 Resp: 12075
Ion Ratio Lower Upper
156 100
77 221.2 90.6 271.8
158 103.6 48.9 146.7





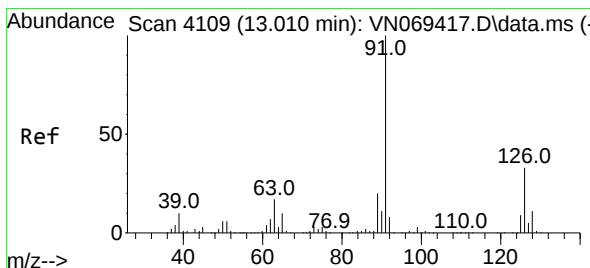
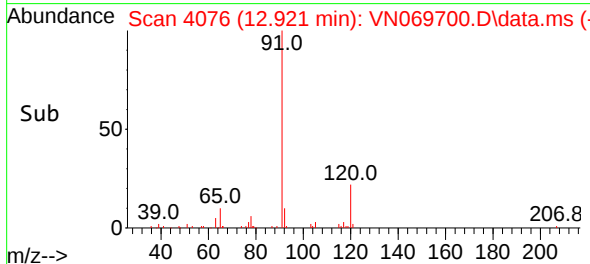
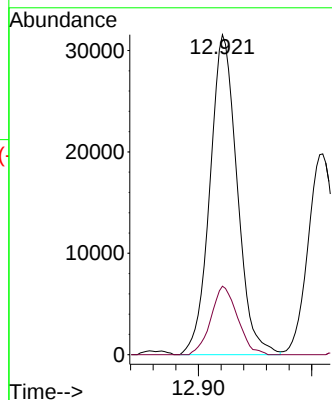
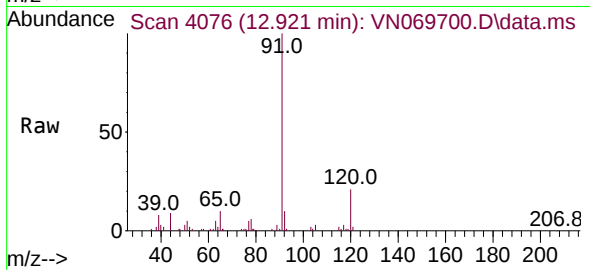
#78
n-propylbenzene
Concen: 1.121 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 5259
Ion Ratio Lower Upper
91 100
120 20.9 11.9 35.9

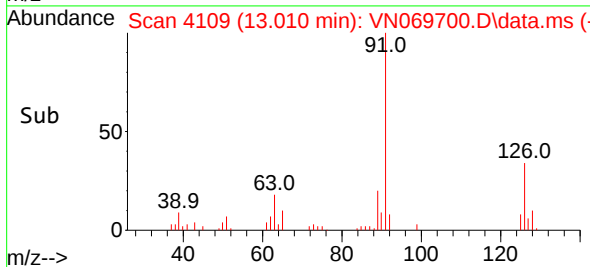
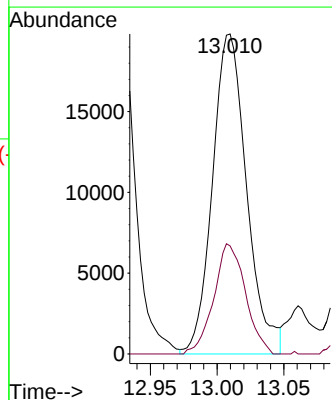
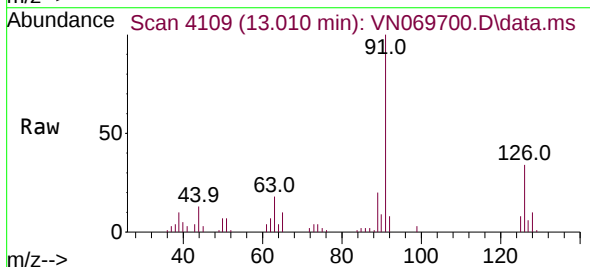
Manual Integrations
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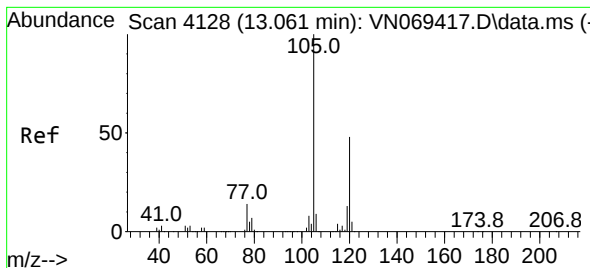
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#79
2-Chlorotoluene
Concen: 1.210 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion: 91 Resp: 35255
Ion Ratio Lower Upper
91 100
126 31.9 18.3 54.8





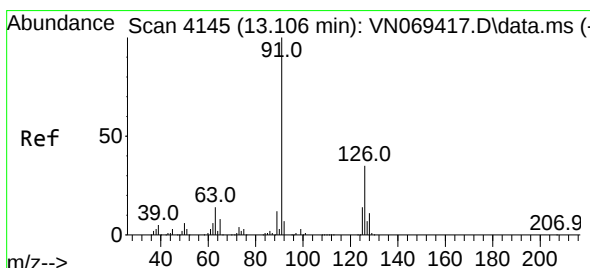
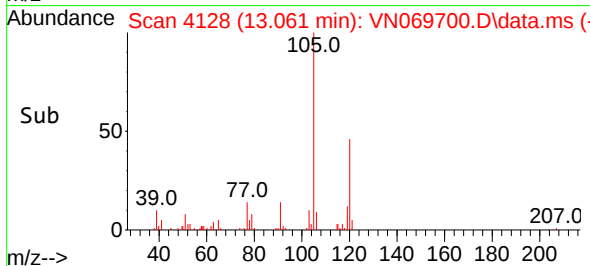
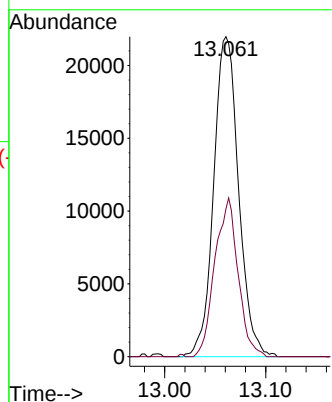
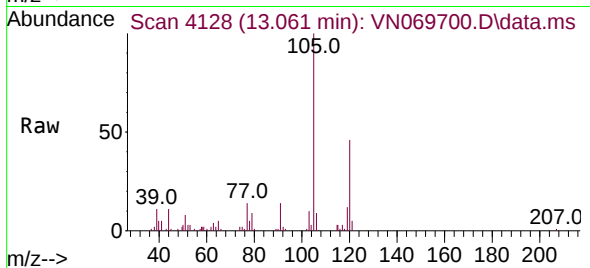
#80
1,3,5-Trimethylbenzene
Concen: 1.115 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 3764
Ion Ratio Lower Upper
105 100
120 46.2 24.6 73.6

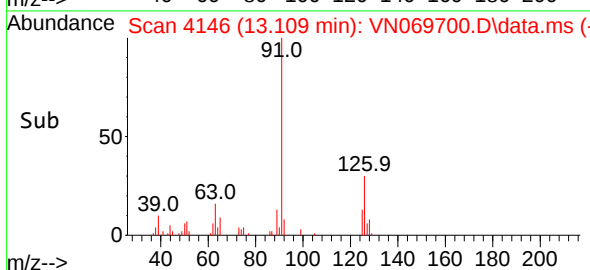
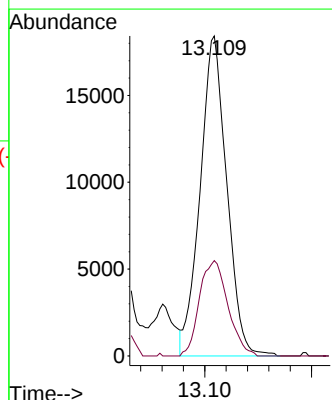
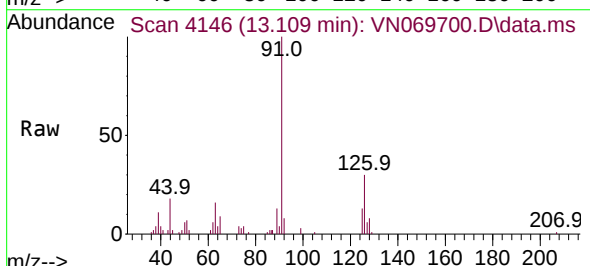
Manual Integrations
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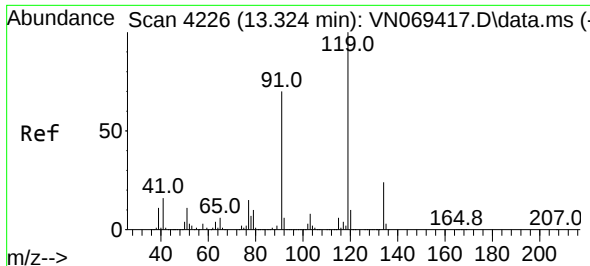
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#82
4-Chlorotoluene
Concen: 1.148 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion: 91 Resp: 31849
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





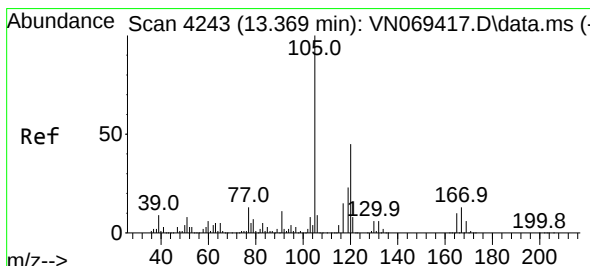
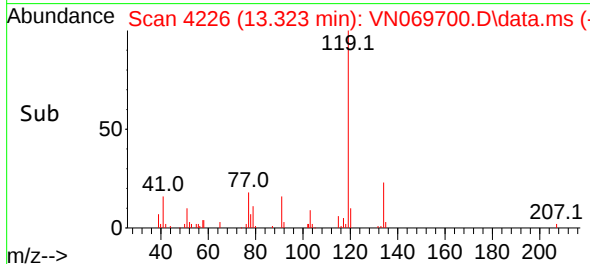
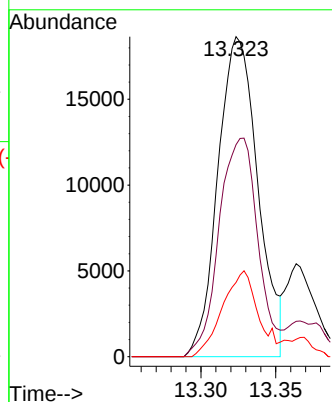
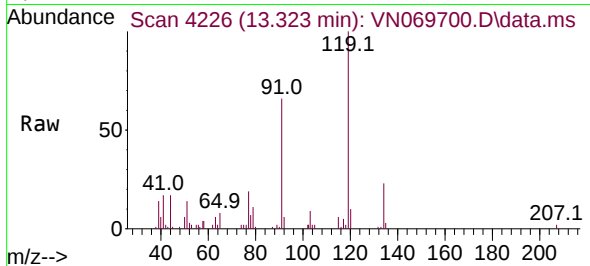
#83
tert-Butylbenzene
Concen: 1.174 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 3470
Ion Ratio Lower Upper
119 100
91 66.4 31.5 94.5
134 24.3 12.4 37.4

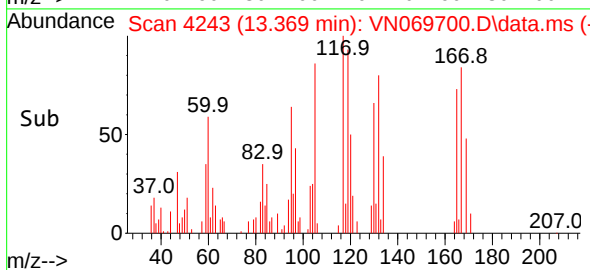
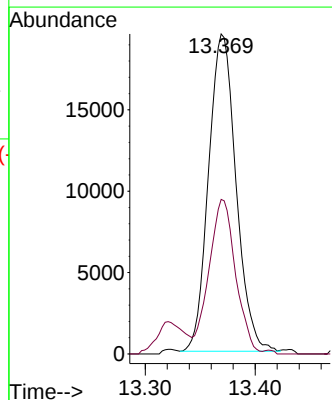
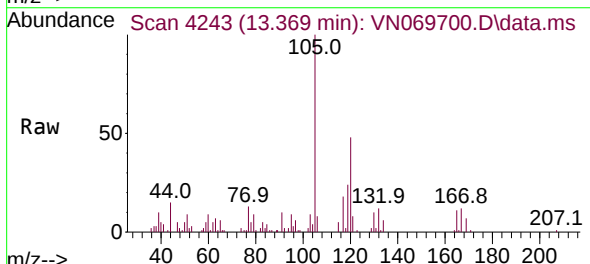
Manual Integrations
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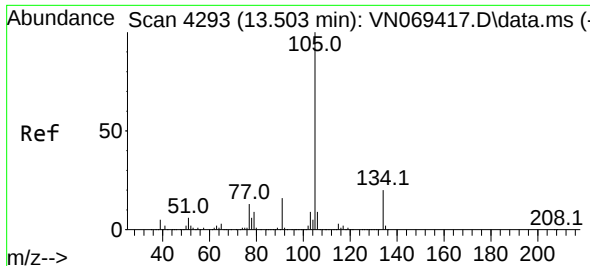
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#84
1,2,4-Trimethylbenzene
Concen: 1.040 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion:105 Resp: 33851
Ion Ratio Lower Upper
105 100
120 46.1 22.8 68.4





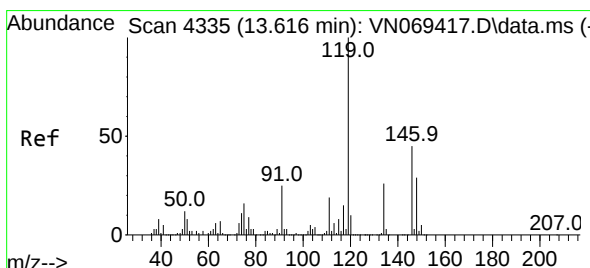
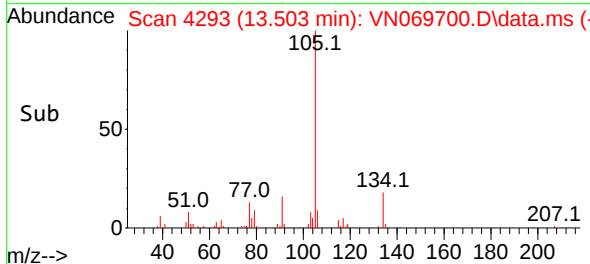
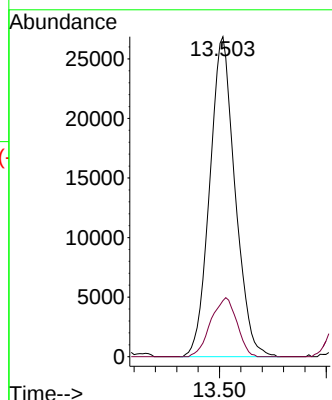
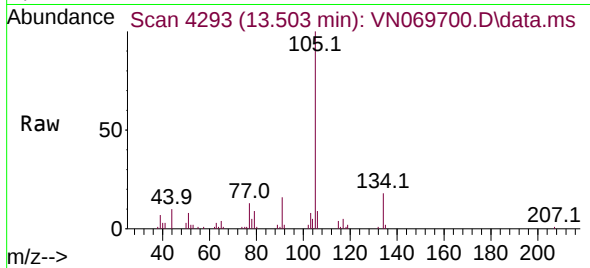
#85
 sec-Butylbenzene
 Concen: 1.074 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069700.D
 Acq: 2 Dec 2021 17:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 4419
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.4 31.1

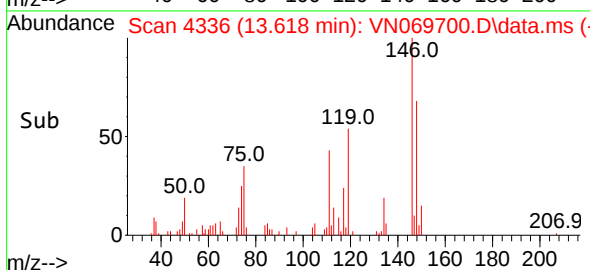
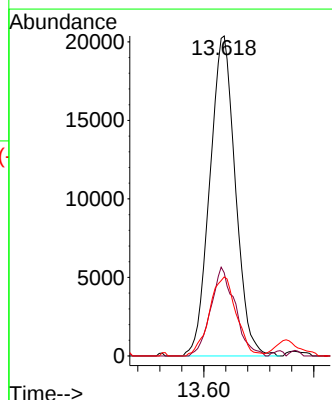
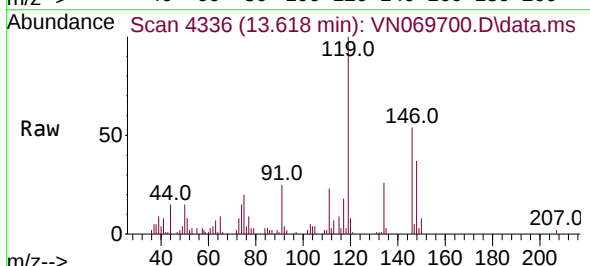
Manual Integrations
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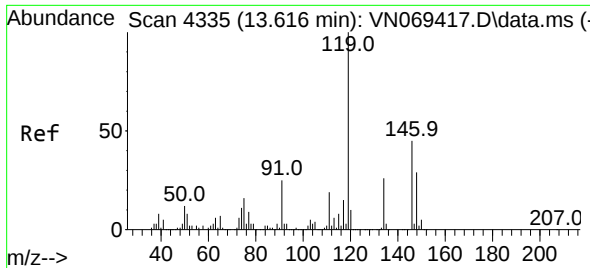
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#86
 p-Isopropyltoluene
 Concen: 1.008 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.003 min
 Lab File: VN069700.D
 Acq: 2 Dec 2021 17:38

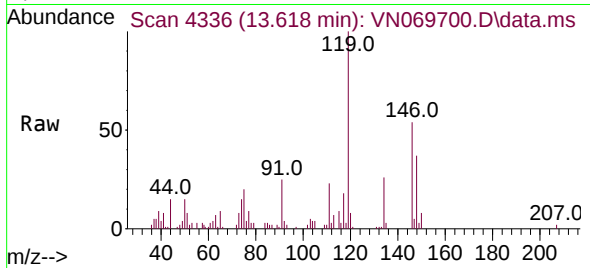
Tgt Ion:119 Resp: 32846
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 26.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 1.211 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

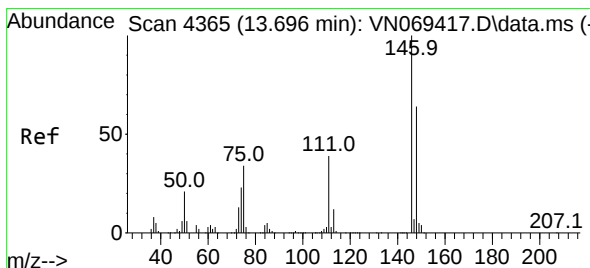
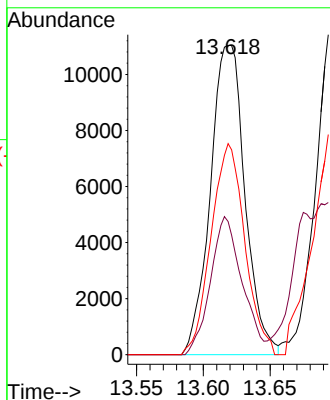
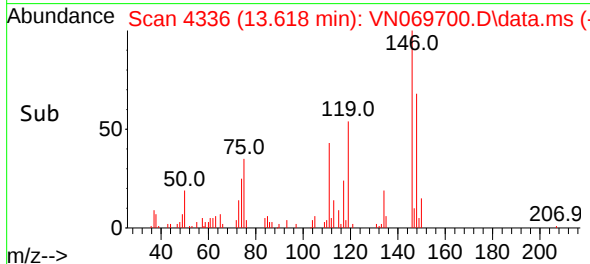
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



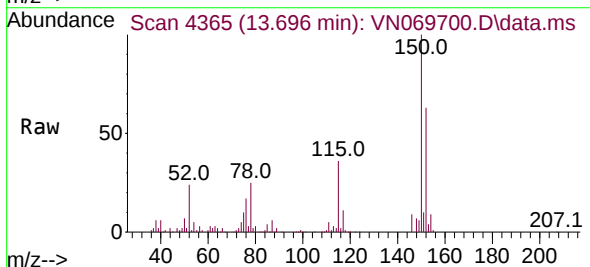
Tgt Ion:146 Resp: 1992
Ion Ratio Lower Upper
146 100
111 40.7 18.6 55.6
148 66.4 31.6 95.0

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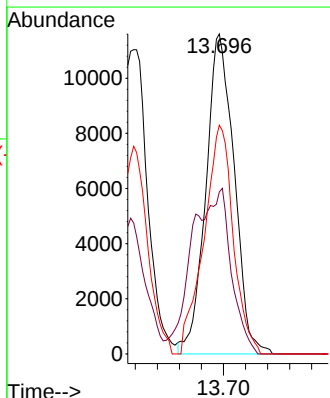
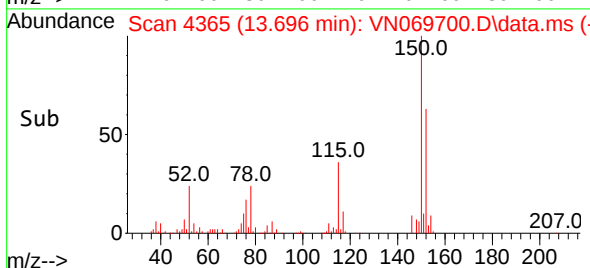
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

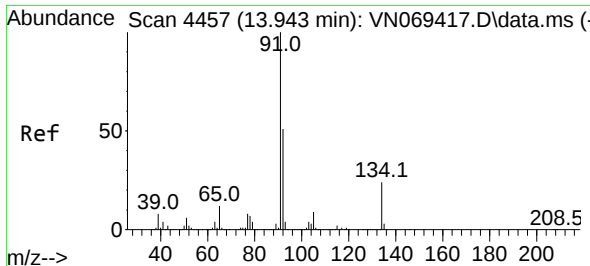


#88
1,4-Dichlorobenzene
Concen: 1.285 ug/l m
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38



Tgt Ion:146 Resp: 20687
Ion Ratio Lower Upper
146 100
111 39.2 18.3 54.8
148 63.9 31.8 95.4





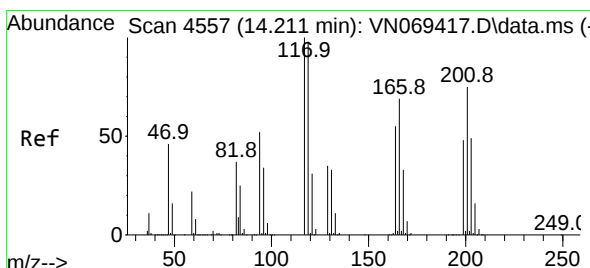
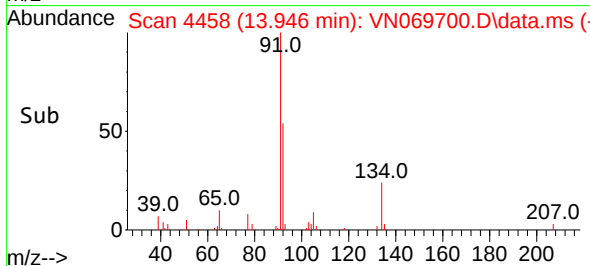
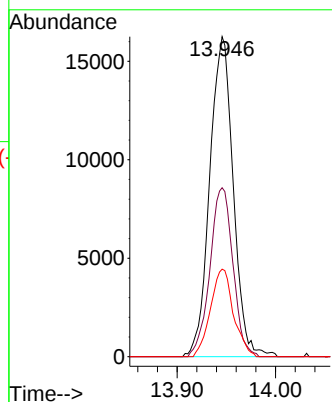
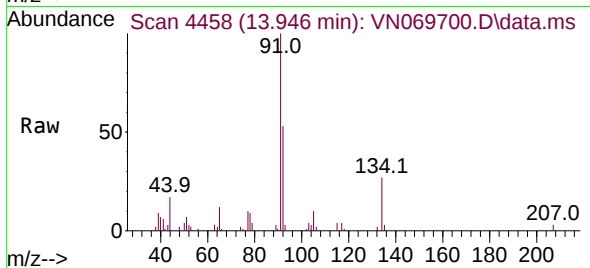
#89
n-Butylbenzene
Concen: 0.998 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 2696
Ion Ratio Lower Upper
91 100
92 51.6 25.4 76.0
134 26.7 13.6 40.8

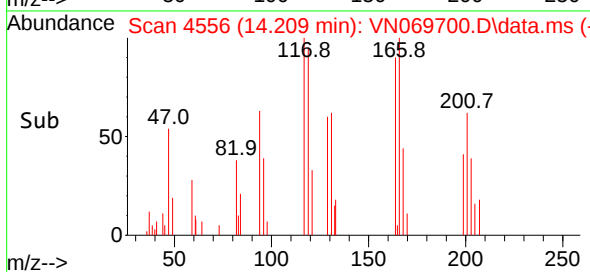
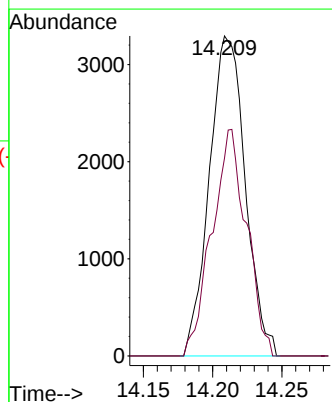
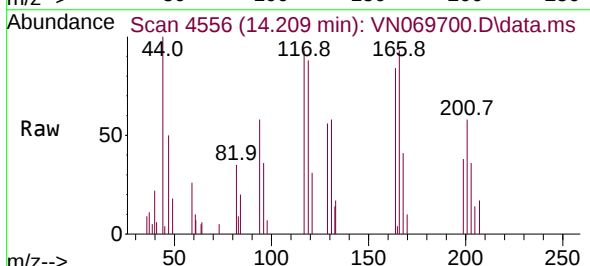
Manual Integrations
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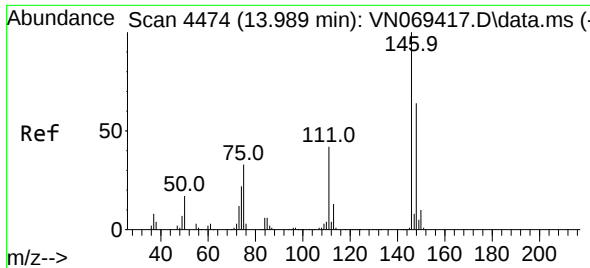
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 1.100 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion:117 Resp: 5950
Ion Ratio Lower Upper
117 100
201 68.2 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 1.275 ug/l

RT: 13.989 min Scan# 4474

Delta R.T. 0.000 min

Lab File: VN069700.D

Acq: 2 Dec 2021 17:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

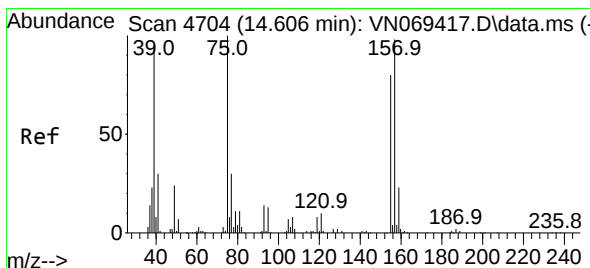
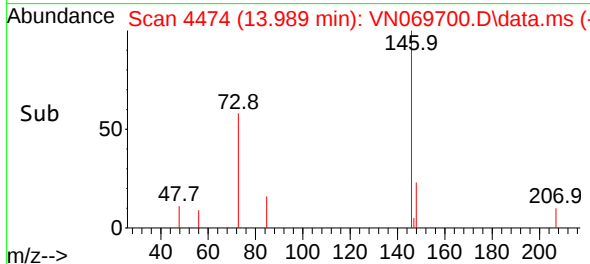
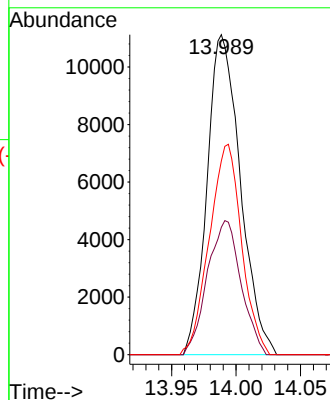
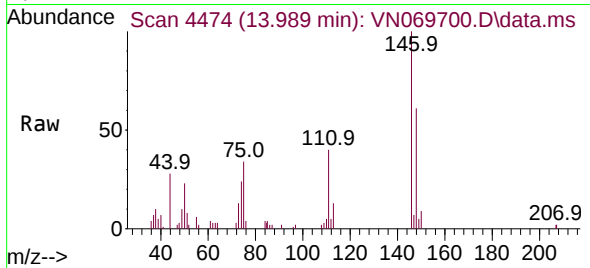
Tgt Ion:	146	Resp:	2000
Ion Ratio	Lower	Upper	
146	100		
111	42.3	19.1	57.3
148	63.7	32.1	96.3

Manual Integrations

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Supervised By :Mahesh Dadoda 12/06/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.259 ug/l

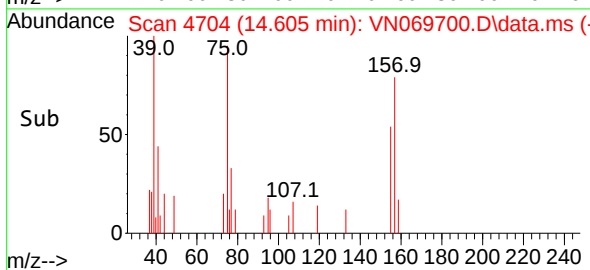
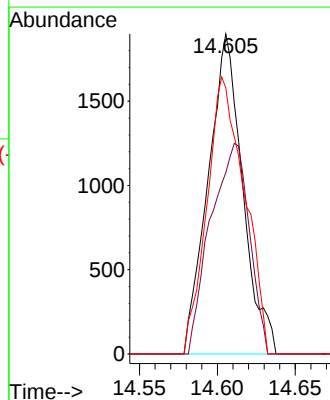
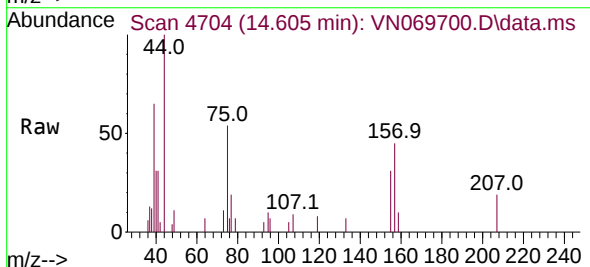
RT: 14.605 min Scan# 4704

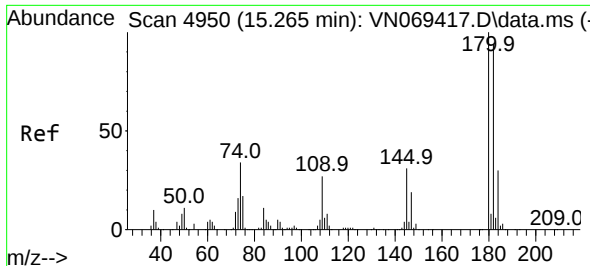
Delta R.T. 0.003 min

Lab File: VN069700.D

Acq: 2 Dec 2021 17:38

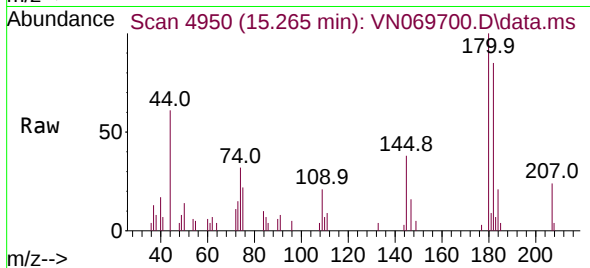
Tgt Ion:	75	Resp:	2920
Ion Ratio	Lower	Upper	
75	100		
155	73.9	46.9	140.7
157	94.2	60.6	181.7





#93
1,2,4-Trichlorobenzene
Concen: 1.308 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

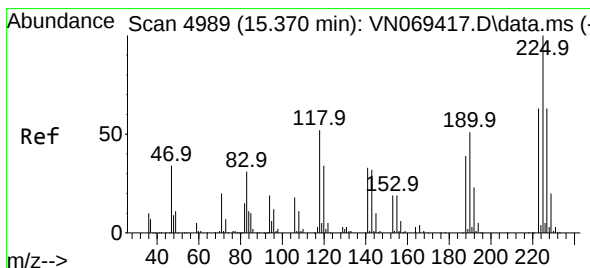
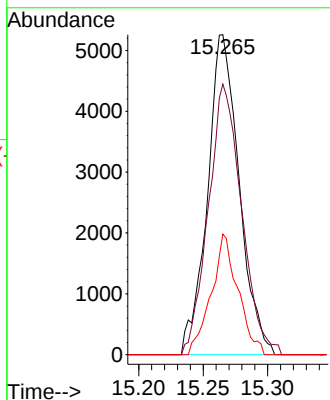
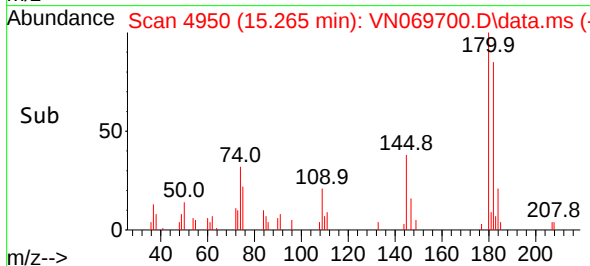
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



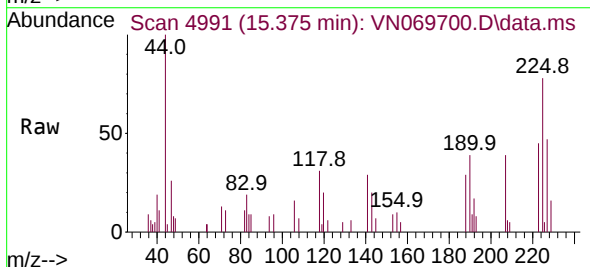
Tgt Ion:180 Resp: 8990
Ion Ratio Lower Upper
180 100
182 88.7 48.3 144.9
145 31.8 14.5 43.5

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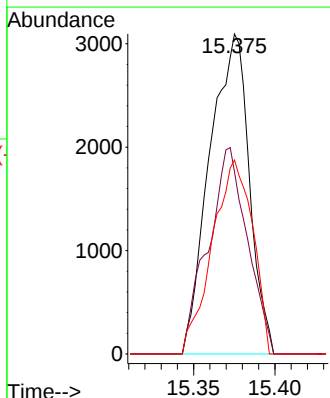
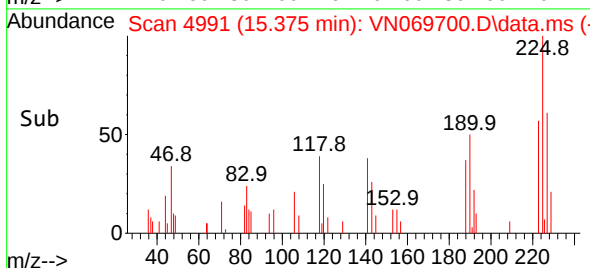
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

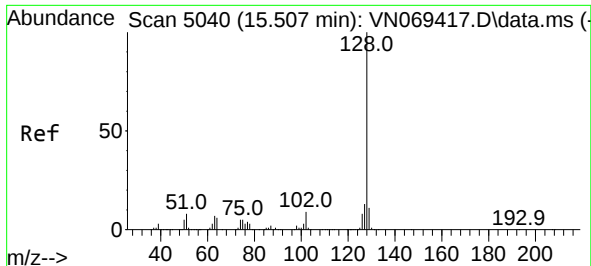


#94
Hexachlorobutadiene
Concen: 1.280 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38



Tgt Ion:225 Resp: 5233
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.7
227 61.9 32.1 96.3





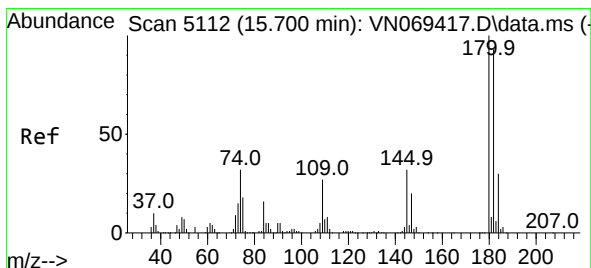
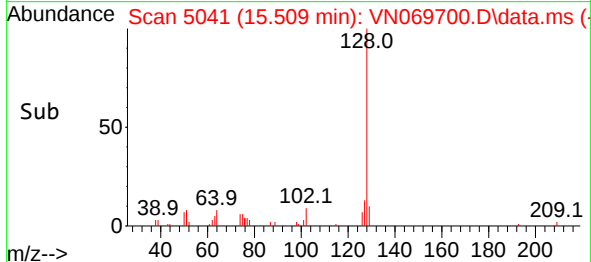
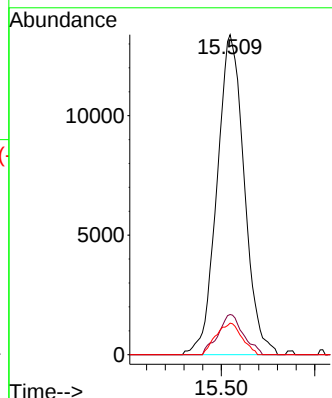
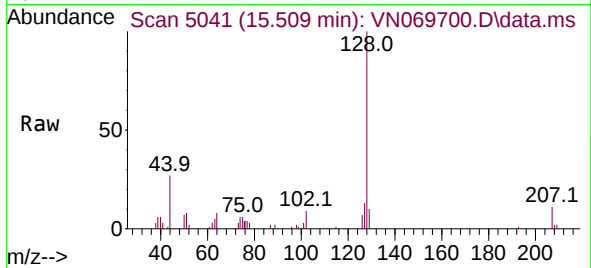
#95
Naphthalene
Concen: 1.445 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 27099
Ion Ratio Lower Upper
128 100
127 11.5 10.5 15.7
129 9.3 8.7 13.1

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



#96
1,2,3-Trichlorobenzene
Concen: 1.307 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069700.D
Acq: 2 Dec 2021 17:38

Tgt Ion:180 Resp: 8670
Ion Ratio Lower Upper
180 100
182 90.9 47.4 142.2
145 33.7 15.0 45.1

