

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069267.D
 Acq On : 28 Oct 2021 23:36
 Operator : JC/MD
 Sample : VN1028WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2021
 Supervised By : Mahesh Dadoda 11/01/2021

Quant Time: Oct 29 07:55:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	227284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	405858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	375335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	152279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	167147	50.945	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.880%			
35) Dibromofluoromethane	8.024	113	125876	49.754	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.500%			
50) Toluene-d8	10.443	98	502563	49.682	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.360%			
62) 4-Bromofluorobenzene	12.734	95	175084	45.868	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	55075	21.133	ug/l	98
3) Chloromethane	2.303	50	56686	20.551	ug/l	99
4) Vinyl Chloride	2.443	62	68284	21.157	ug/l	98
5) Bromomethane	2.853	94	47454	24.833	ug/l	99
6) Chloroethane	3.019	64	43836	22.134	ug/l	99
7) Trichlorofluoromethane	3.373	101	104570	25.941	ug/l	100
8) Diethyl Ether	3.824	74	38850	27.093	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.202	101	45265	21.169	ug/l	99
10) Methyl Iodide	4.417	142	56113	19.522	ug/l	97
11) Tert butyl alcohol	5.388	59	63456	107.565	ug/l	100
12) 1,1-Dichloroethene	4.175	96	44620	21.826	ug/l	98
13) Acrolein	4.041	56	13333	92.281	ug/l	98
14) Allyl chloride	4.838	41	73740	20.390	ug/l	95
15) Acrylonitrile	5.559	53	154692	111.776	ug/l	100
16) Acetone	4.293	43	134021	95.875	ug/l	99
17) Carbon Disulfide	4.527	76	100623	18.485	ug/l	99
18) Methyl Acetate	4.859	43	105603	22.230	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	171339	21.302	ug/l	100
20) Methylene Chloride	5.095	84	55095	20.548	ug/l	95
21) trans-1,2-Dichloroethene	5.599	96	47174	20.436	ug/l	99
22) Diisopropyl ether	6.503	45	162521	19.823	ug/l	98
23) Vinyl Acetate	6.436	43	624911m	97.563	ug/l	
24) 1,1-Dichloroethane	6.391	63	94012	21.750	ug/l	99
25) 2-Butanone	7.343	43	211547	99.733	ug/l	96
26) 2,2-Dichloropropane	7.329	77	66653	16.279	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	58067	21.290	ug/l	98
28) Bromochloromethane	7.659	49	38950	17.986	ug/l	96
29) Tetrahydrofuran	7.691	42	139937	103.368	ug/l	96
30) Chloroform	7.820	83	99128	21.097	ug/l	98
31) Cyclohexane	8.096	56	88315	20.112	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	88218	19.720	ug/l	98
36) 1,1-Dichloropropene	8.222	75	70105	20.036	ug/l	100
37) Ethyl Acetate	7.421	43	84858	21.282	ug/l	97
38) Carbon Tetrachloride	8.206	117	73031	18.951	ug/l	96
39) Methylcyclohexane	9.462	83	85097	19.642	ug/l	96
40) Benzene	8.461	78	220962	20.996	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	40462	20.584	ug/l	94
42) 1,2-Dichloroethane	8.534	62	81988	20.701	ug/l	99
43) Isopropyl Acetate	8.566	43	134707	19.653	ug/l	99
44) Trichloroethene	9.217	130	53892	20.336	ug/l	99
45) 1,2-Dichloropropane	9.494	63	55997	20.899	ug/l	94
46) Dibromomethane	9.580	93	40188	21.111	ug/l	99
47) Bromodichloromethane	9.765	83	73251	18.678	ug/l	99
48) Methyl methacrylate	9.563	41	63136	20.980	ug/l	98
49) 1,4-Dioxane	9.569	88	27779	402.683	ug/l	94
51) 4-Methyl-2-Pentanone	10.333	43	434722	99.987	ug/l	100
52) Toluene	10.508	92	141682	20.527	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	75112	17.552	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	83409	18.372	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	57049	20.603	ug/l	99
56) Ethyl methacrylate	10.762	69	92670	19.286	ug/l	97
57) 1,3-Dichloropropane	11.047	76	95071	20.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	99648	85.832	ug/l	99
59) 2-Hexanone	11.087	43	323063	98.357	ug/l	100
60) Dibromochloromethane	11.240	129	53222	18.191	ug/l	99
61) 1,2-Dibromoethane	11.347	107	59877	19.452	ug/l	100
64) Tetrachloroethene	10.980	164	48875	20.386	ug/l	98
65) Chlorobenzene	11.771	112	146969	19.897	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	53752	19.062	ug/l	99
67) Ethyl Benzene	11.846	91	274336	20.387	ug/l	100
68) m/p-Xylenes	11.956	106	203137	40.527	ug/l	100
69) o-Xylene	12.283	106	102830	20.384	ug/l	100
70) Styrene	12.296	104	163233	18.741	ug/l	99
71) Bromoform	12.460	173	35934	17.430	ug/l #	99
73) Isopropylbenzene	12.581	105	268293	20.960	ug/l	99
74) N-amyl acetate	12.390	43	97454	19.327	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	89805	21.978	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	75077m	18.745	ug/l	
77) Bromobenzene	12.862	156	60233	20.059	ug/l	98
78) n-propylbenzene	12.921	91	291744	20.136	ug/l	99
79) 2-Chlorotoluene	13.010	91	183222	20.079	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	218221	20.536	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	20746	18.190	ug/l	86
82) 4-Chlorotoluene	13.106	91	174425	19.380	ug/l	100
83) tert-Butylbenzene	13.326	119	192509	20.764	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	213832	20.574	ug/l	99
85) sec-Butylbenzene	13.503	105	258591	20.131	ug/l	100
86) p-Isopropyltoluene	13.619	119	204898	20.001	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	102570	19.524	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	99239	19.499	ug/l	99
89) n-Butylbenzene	13.943	91	157335	18.135	ug/l	99
90) Hexachloroethane	14.211	117	34356	18.277	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	100066	19.551	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	15855	19.752	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	42731	18.906	ug/l	98
94) Hexachlorobutadiene	15.370	225	24862	19.740	ug/l	99
95) Naphthalene	15.507	128	133587	19.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	44007	19.620	ug/l	99

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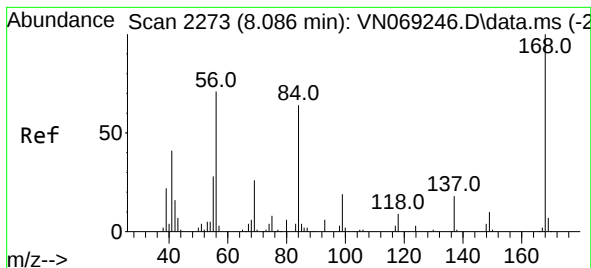
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



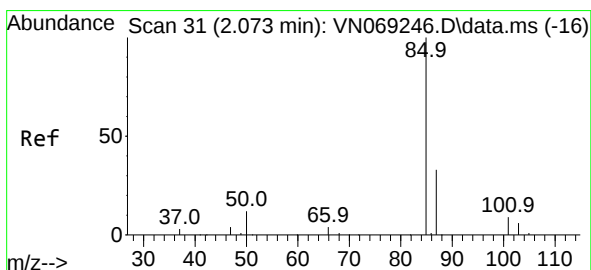
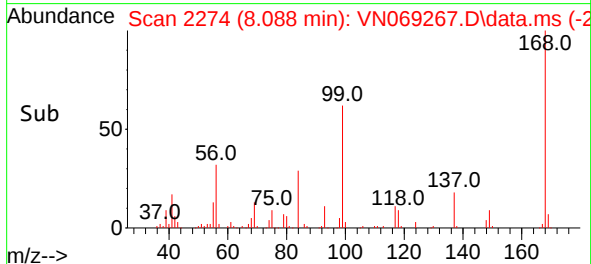
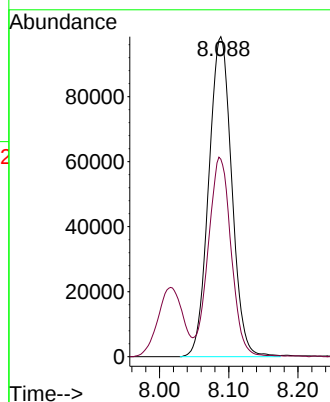
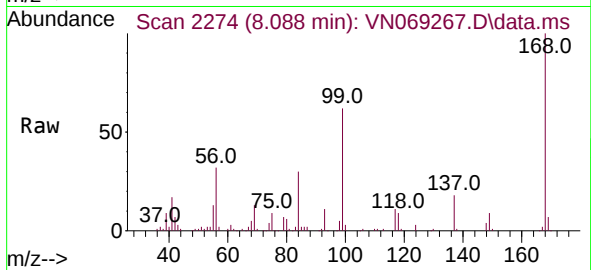
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

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MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:168 Resp: 227284
Ion Ratio Lower Upper
168 100
99 61.4 48.9 73.3

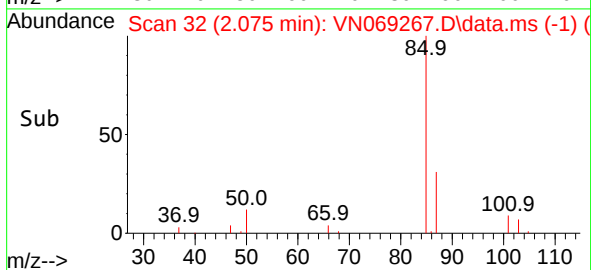
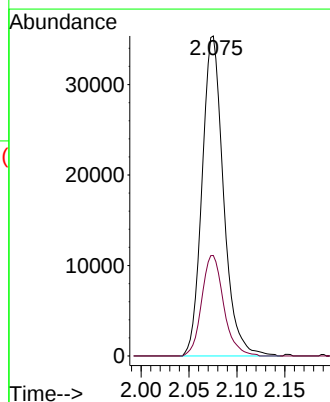
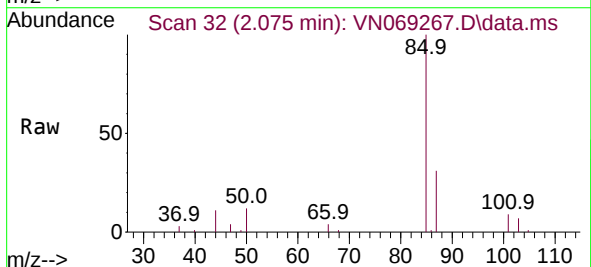
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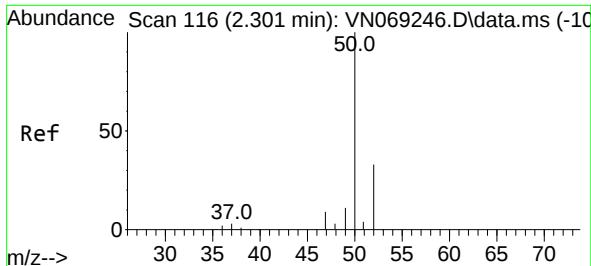
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#2
Dichlorodifluoromethane
Concen: 21.133 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Tgt Ion: 85 Resp: 55075
Ion Ratio Lower Upper
85 100
87 31.4 16.3 48.8





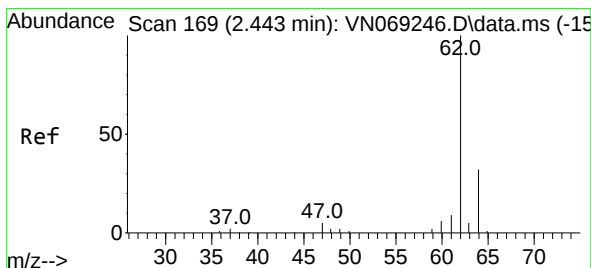
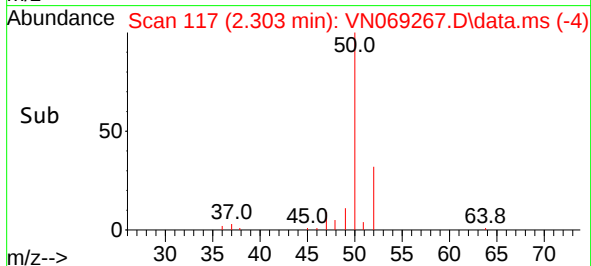
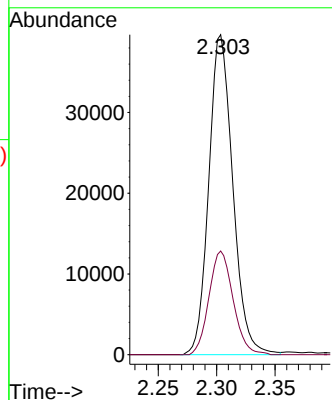
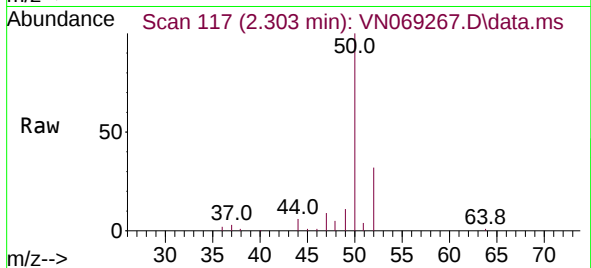
#3
Chloromethane
Concen: 20.551 ug/l
RT: 2.303 min Scan# 116
Delta R.T. 0.002 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Instrument :
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Tgt Ion: 50 Resp: 56680
Ion Ratio Lower Upper
50 100
52 32.4 26.3 39.5

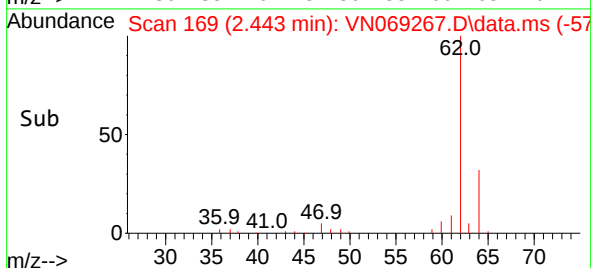
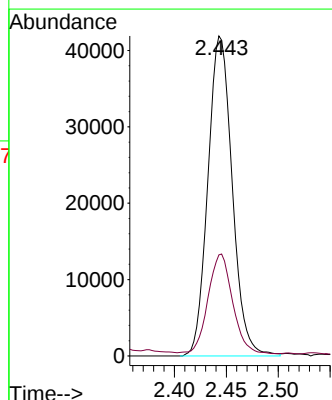
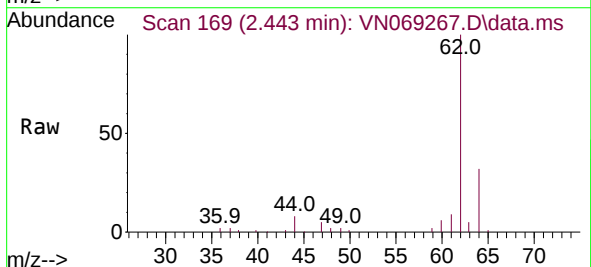
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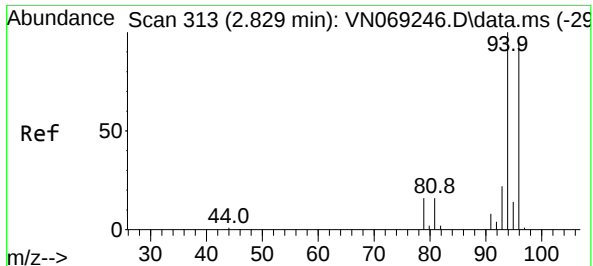
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#4
Vinyl Chloride
Concen: 21.157 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Tgt Ion: 62 Resp: 68284
Ion Ratio Lower Upper
62 100
64 30.8 25.7 38.5





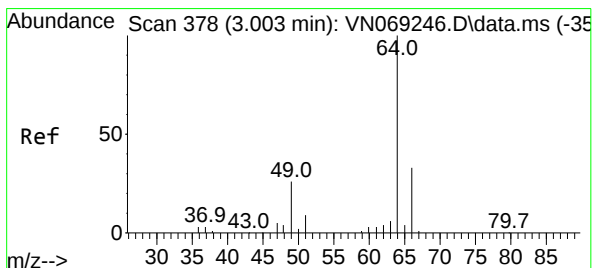
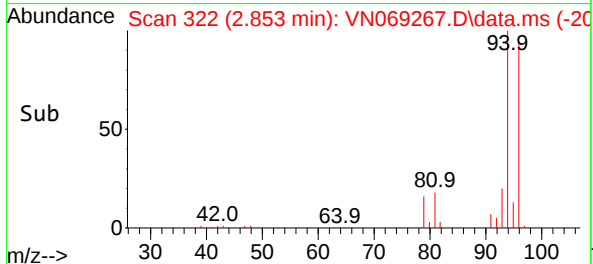
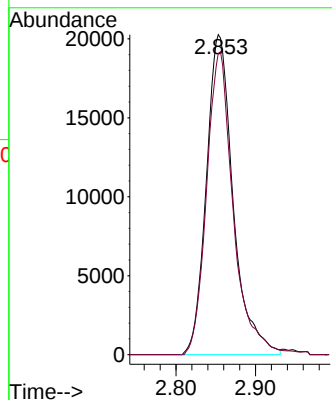
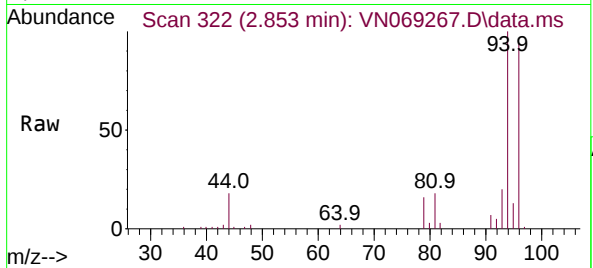
#5
Bromomethane
Concen: 24.833 ug/l
RT: 2.853 min Scan# 313
Delta R.T. 0.024 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

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Tgt Ion: 94 Resp: 47454
Ion Ratio Lower Upper
94 100
96 94.2 74.2 111.4

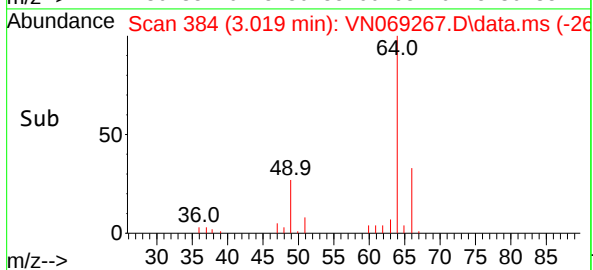
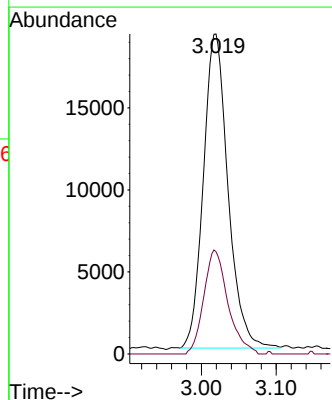
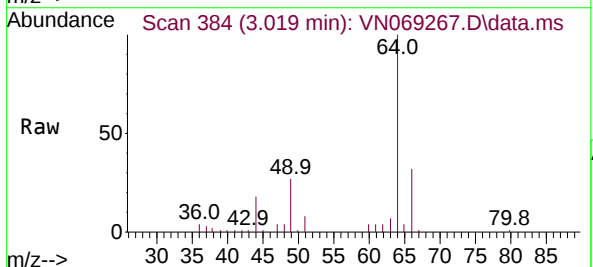
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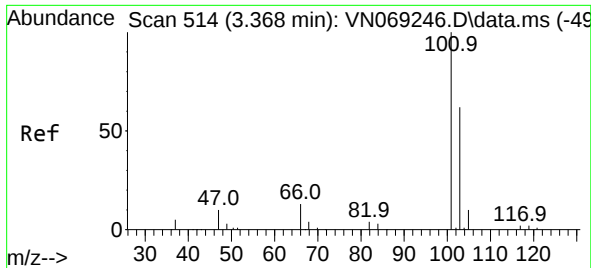
Reviewed By :John Carlone 11/01/2021
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#6
Chloroethane
Concen: 22.134 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.016 min
Lab File: VN069267.D
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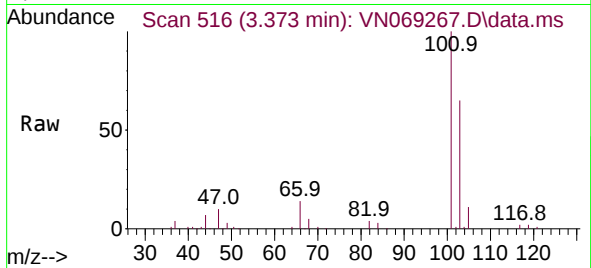
Tgt Ion: 64 Resp: 43836
Ion Ratio Lower Upper
64 100
66 32.6 25.6 38.4





#7
 Trichlorofluoromethane
 Concen: 25.941 ug/l
 RT: 3.373 min Scan# 514
 Delta R.T. 0.005 min
 Lab File: VN069267.D
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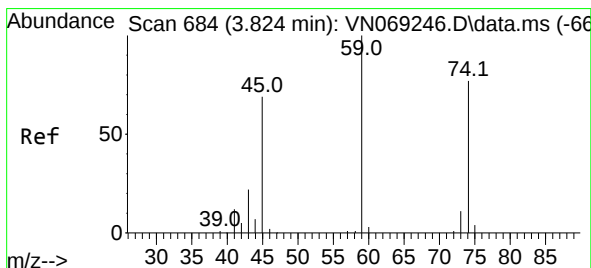
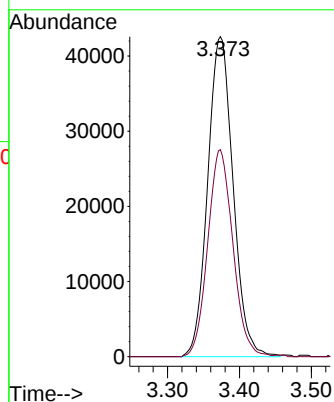
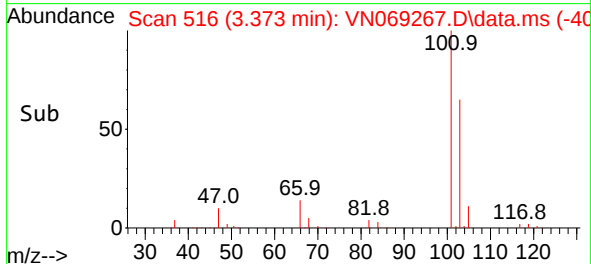
Instrument :
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Tgt Ion:101 Resp: 104570
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.7 77.5

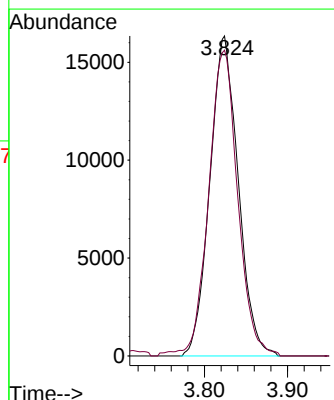
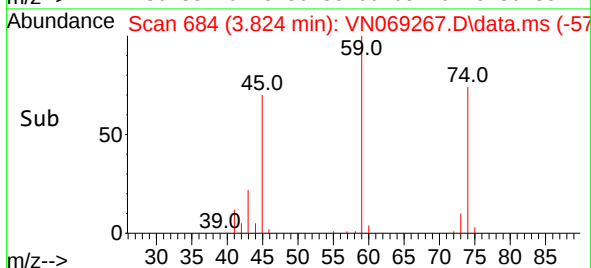
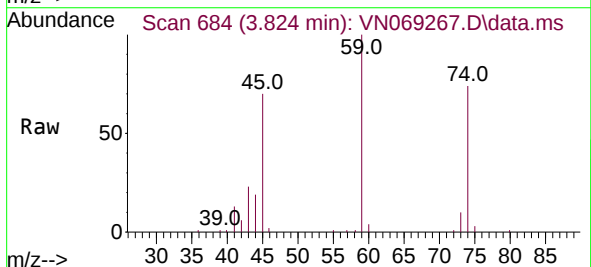
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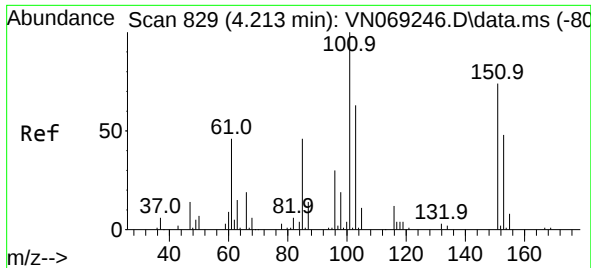
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#8
 Diethyl Ether
 Concen: 27.093 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.000 min
 Lab File: VN069267.D
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Tgt Ion: 74 Resp: 38850
 Ion Ratio Lower Upper
 74 100
 45 97.9 47.0 141.2





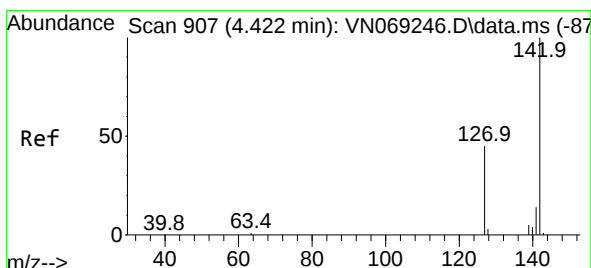
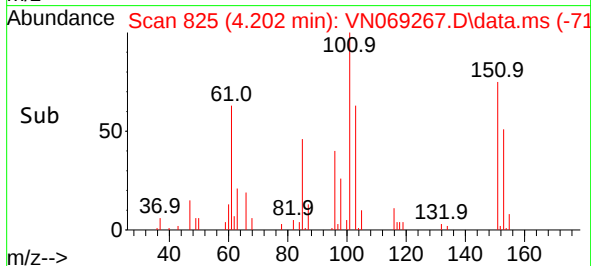
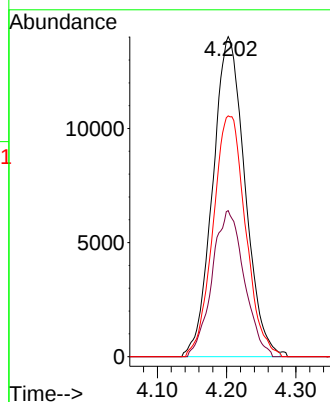
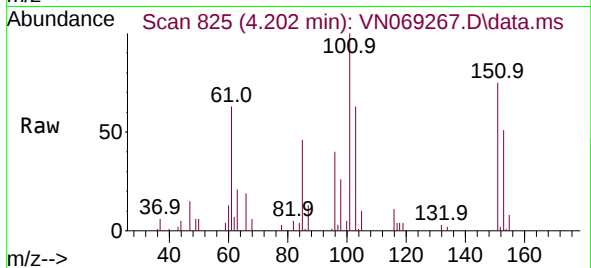
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.169 ug/l
RT: 4.202 min Scan# 81
Delta R.T. -0.011 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:101 Resp: 4526
Ion Ratio Lower Upper
101 100
85 45.5 37.2 55.8
151 76.1 61.1 91.7

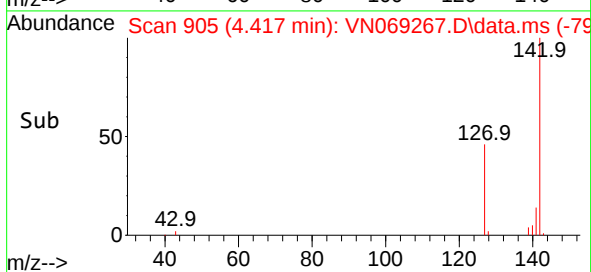
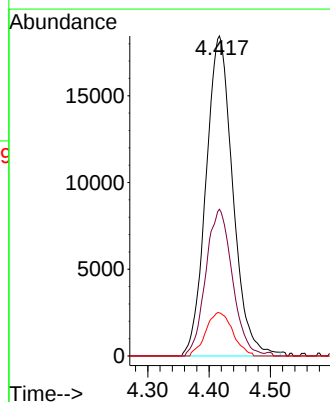
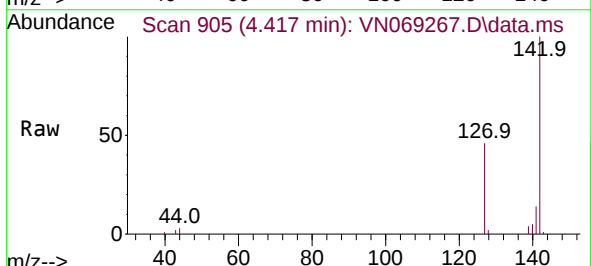
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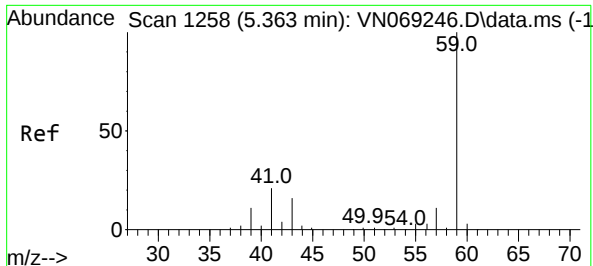
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#10
Methyl Iodide
Concen: 19.522 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.005 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Tgt Ion:142 Resp: 56113
Ion Ratio Lower Upper
142 100
127 45.5 34.4 51.6
141 13.6 11.3 16.9





#11

Tert butyl alcohol

Concen: 107.565 ug/l

RT: 5.388 min Scan# 11

Delta R.T. 0.025 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion: 59 Resp: 63450

Ion Ratio Lower Upper

59 100

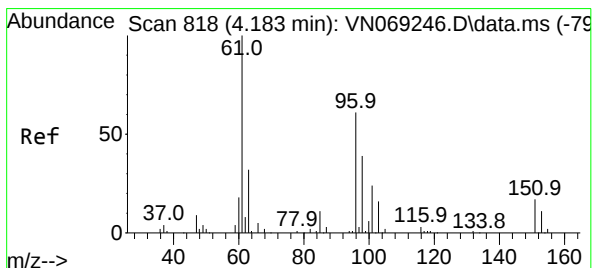
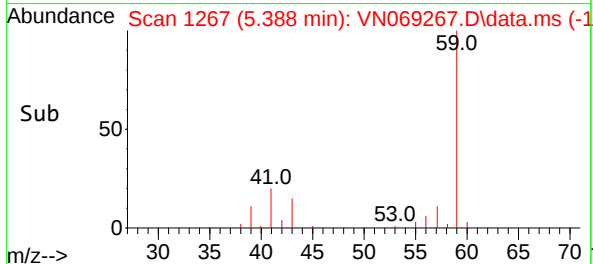
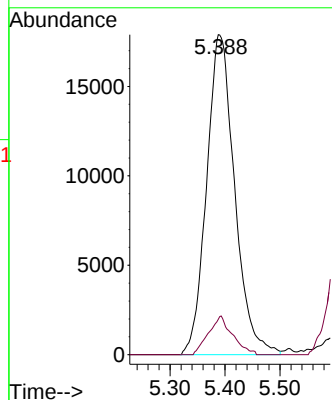
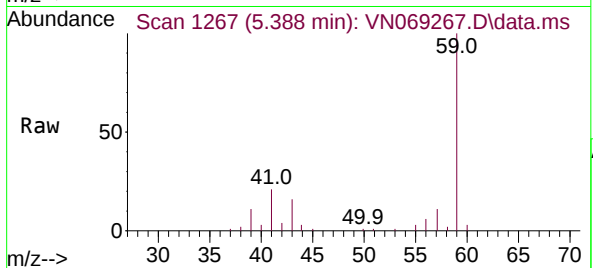
57 10.3 8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#12

1,1-Dichloroethene

Concen: 21.826 ug/l

RT: 4.175 min Scan# 815

Delta R.T. -0.008 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

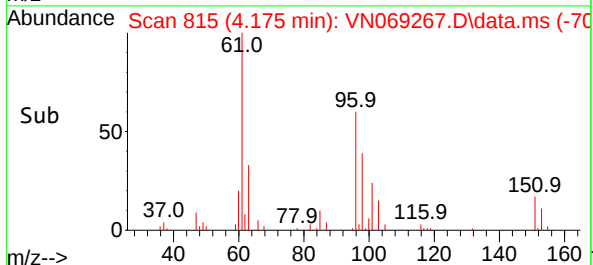
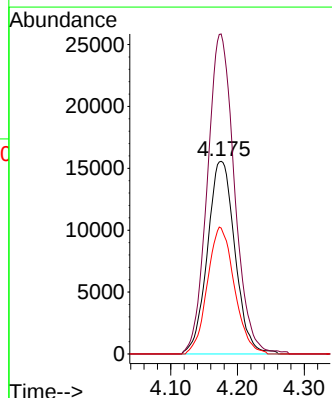
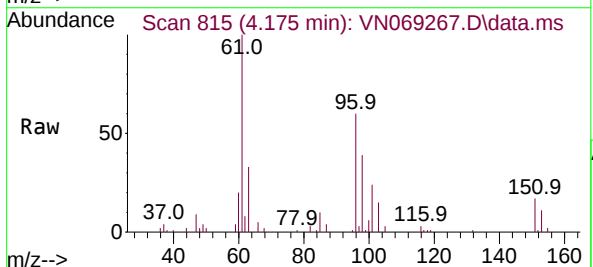
Tgt Ion: 96 Resp: 44620

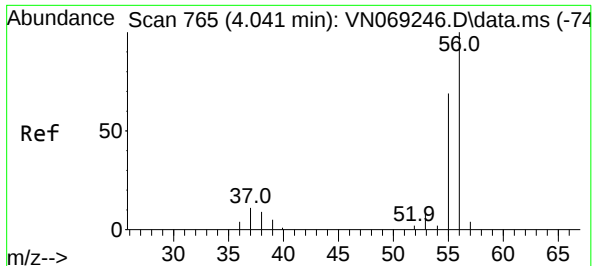
Ion Ratio Lower Upper

96 100

61 166.1 129.8 194.6

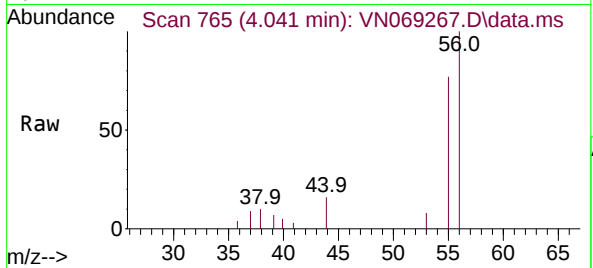
98 65.3 51.4 77.2





#13
Acrolein
Concen: 92.281 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

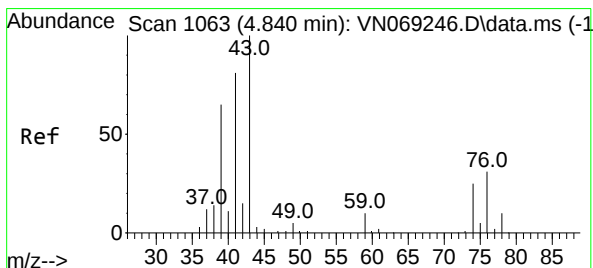
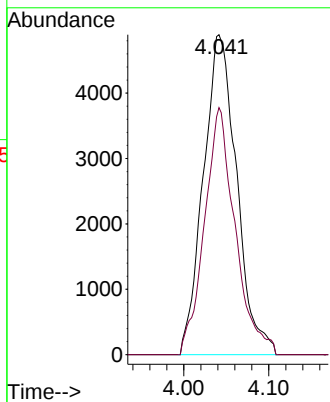
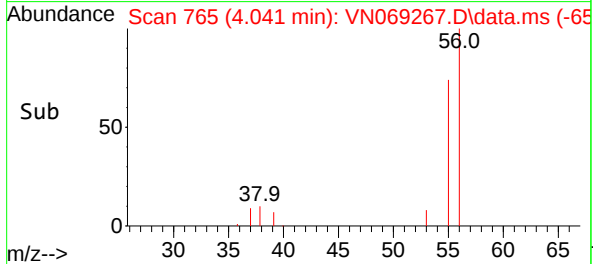
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



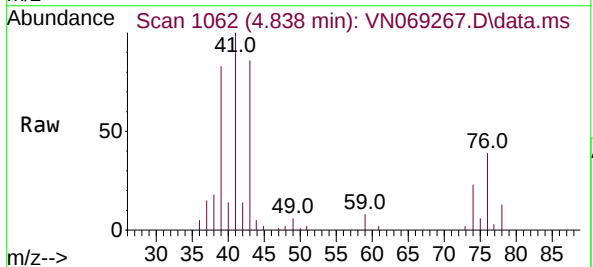
Tgt Ion: 56 Resp: 1333
Ion Ratio Lower Upper
56 100
55 71.1 58.1 87.1

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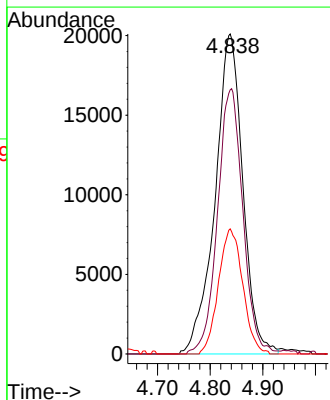
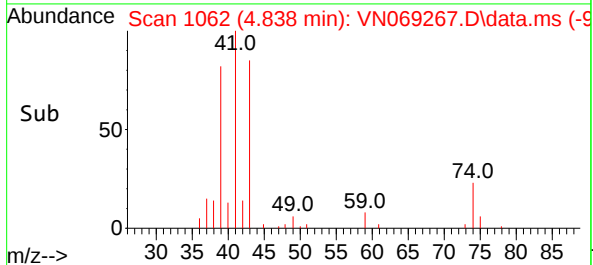
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

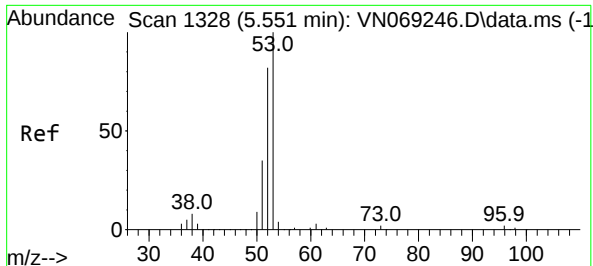


#14
Allyl chloride
Concen: 20.390 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.002 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36



Tgt Ion: 41 Resp: 73740
Ion Ratio Lower Upper
41 100
39 74.7 55.6 83.4
76 34.2 26.4 39.6





#15

Acrylonitrile

Concen: 111.776 ug/l

RT: 5.559 min Scan# 11

Delta R.T. 0.008 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion: 53 Resp: 154692

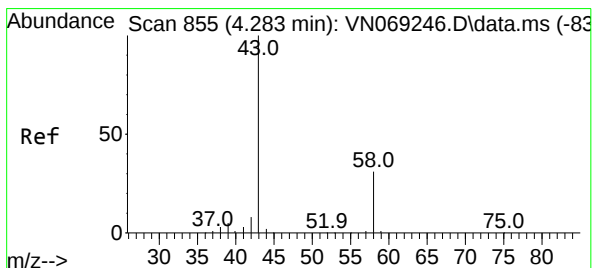
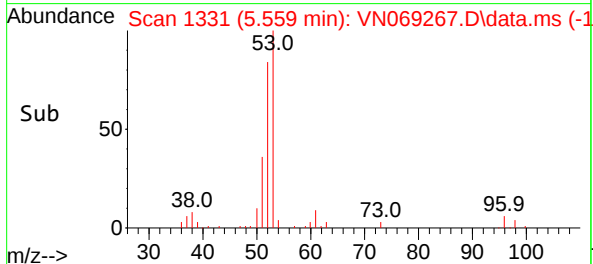
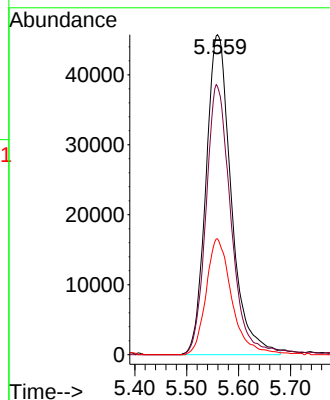
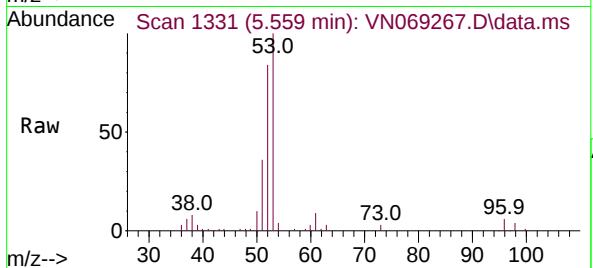
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.7	98.5
51	37.0	28.9	43.3

Manual Integrations

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Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#16

Acetone

Concen: 95.875 ug/l

RT: 4.293 min Scan# 859

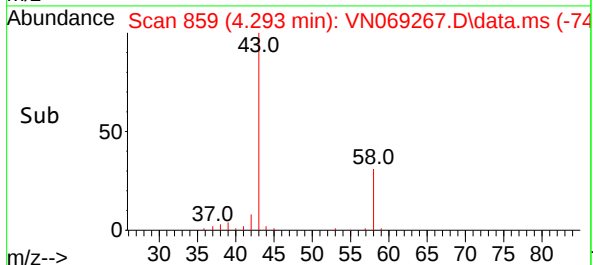
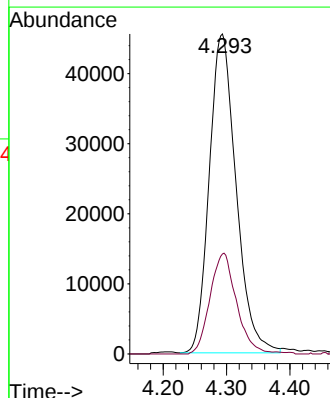
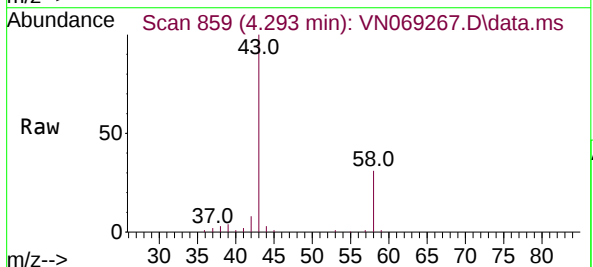
Delta R.T. 0.010 min

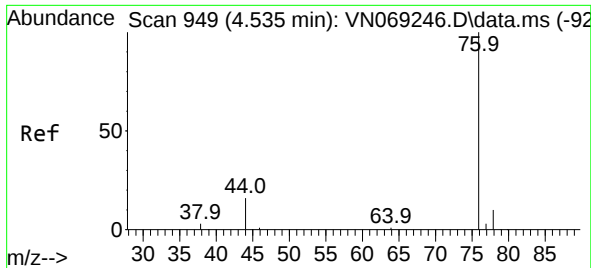
Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

Tgt Ion: 43 Resp: 134021

Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.5	36.7





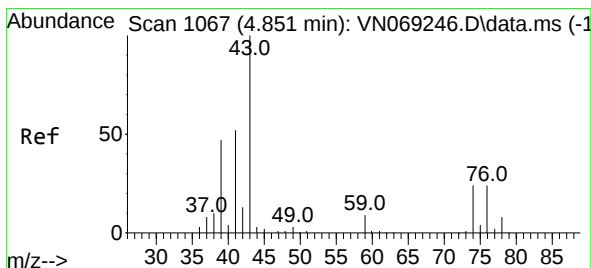
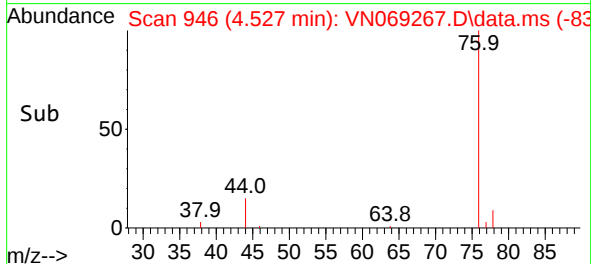
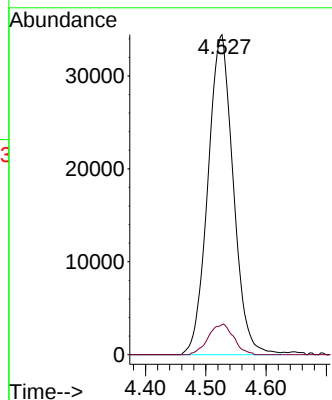
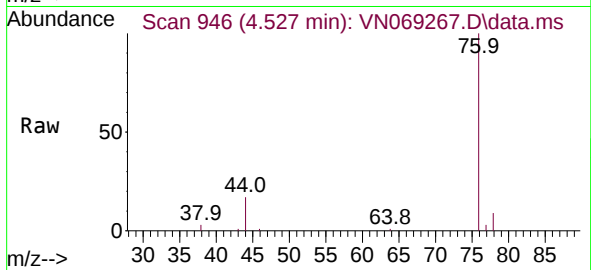
#17
Carbon Disulfide
Concen: 18.485 ug/l
RT: 4.527 min Scan# 949
Delta R.T. -0.008 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 76 Resp: 100623
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

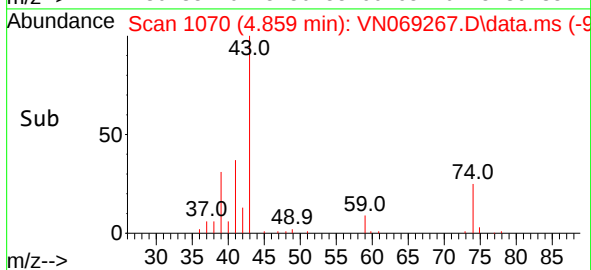
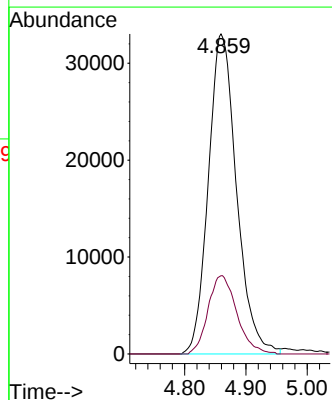
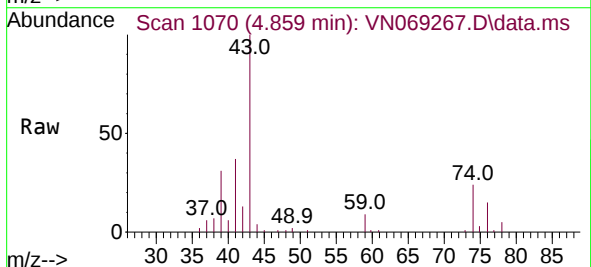
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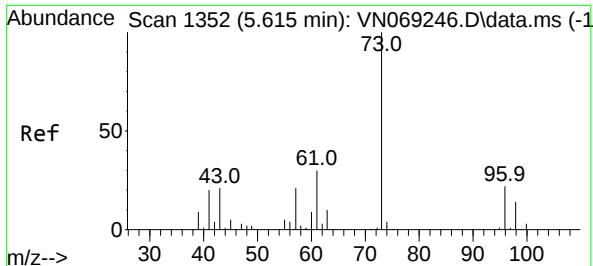
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#18
Methyl Acetate
Concen: 22.230 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.008 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Tgt Ion: 43 Resp: 105603
Ion Ratio Lower Upper
43 100
74 24.9 18.9 28.3





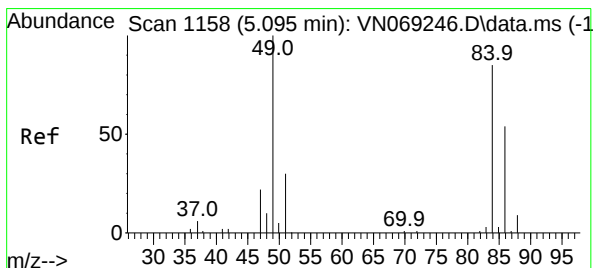
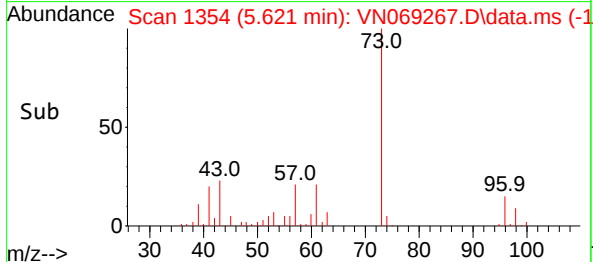
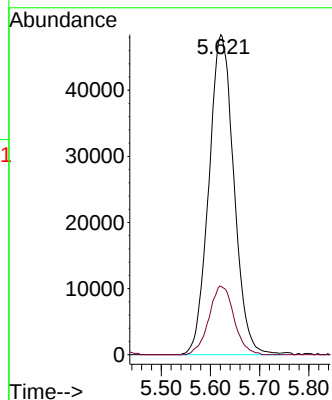
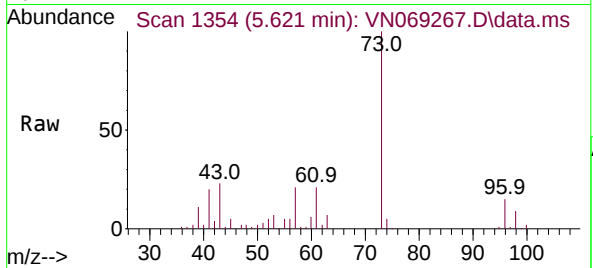
#19
Methyl tert-butyl Ether
Concen: 21.302 ug/l
RT: 5.621 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 73 Resp: 171339
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

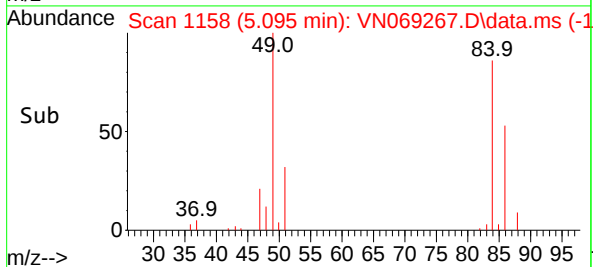
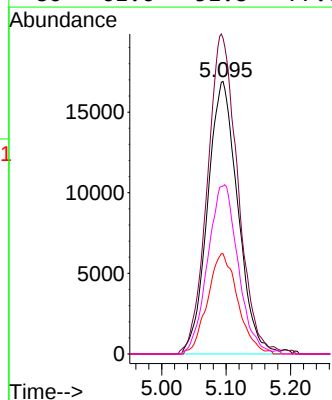
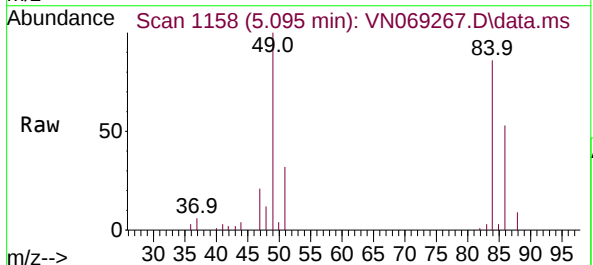
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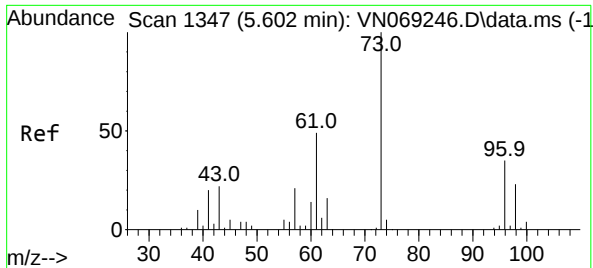
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#20
Methylene Chloride
Concen: 20.548 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

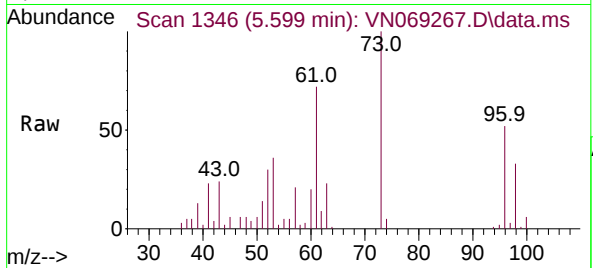
Tgt Ion: 84 Resp: 55095
Ion Ratio Lower Upper
84 100
49 114.7 97.6 146.4
51 36.7 30.3 45.5
86 61.6 51.8 77.6





#21
trans-1,2-Dichloroethene
Concen: 20.436 ug/l
RT: 5.599 min Scan# 1347
Delta R.T. -0.003 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

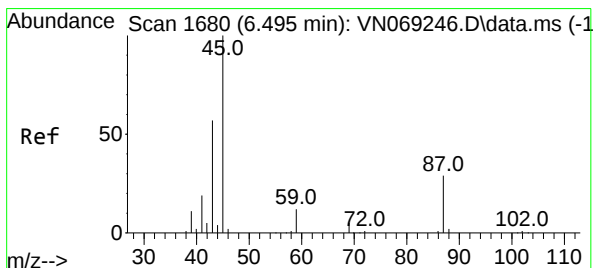
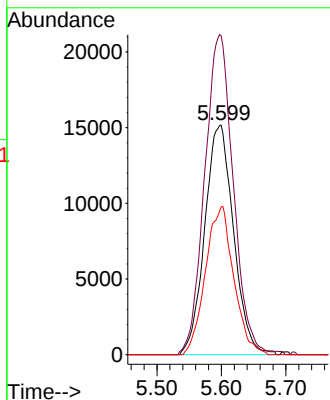
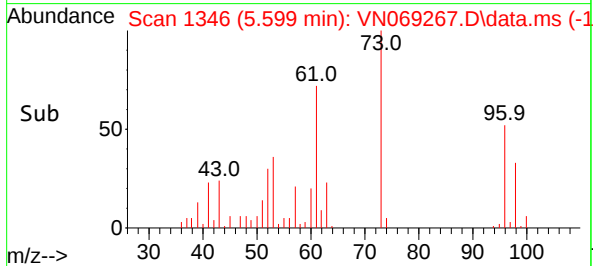
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



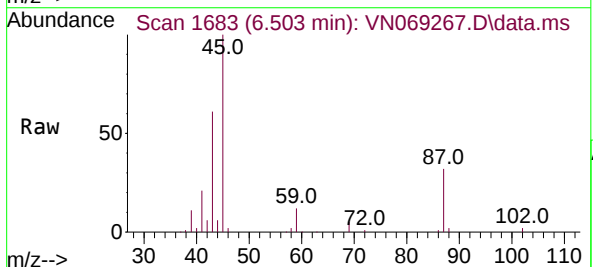
Tgt Ion: 96 Resp: 47174
Ion Ratio Lower Upper
96 100
61 139.0 112.4 168.6
98 64.3 52.0 78.0

Manual Integrations
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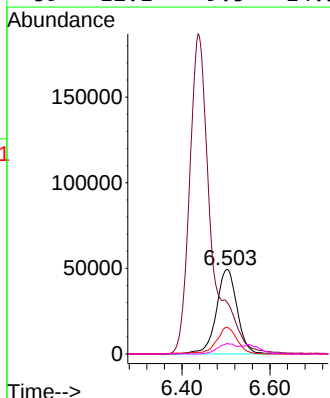
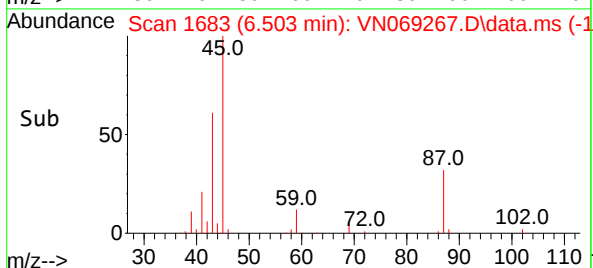
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

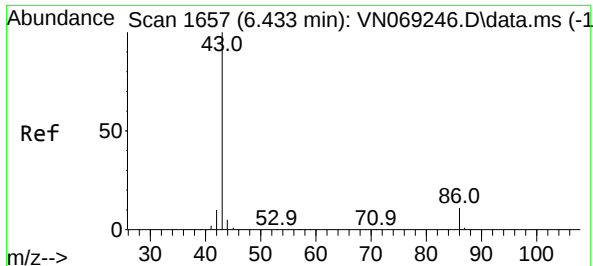


#22
Diisopropyl ether
Concen: 19.823 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.008 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36



Tgt Ion: 45 Resp: 162521
Ion Ratio Lower Upper
45 100
43 58.6 48.0 72.0
87 31.6 23.4 35.0
59 12.1 9.5 14.3





#23

Vinyl Acetate

Concen: 97.563 ug/l m

RT: 6.436 min Scan# 1

Delta R.T. 0.003 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion: 43 Resp: 62491

Ion Ratio Lower Upper

43 100

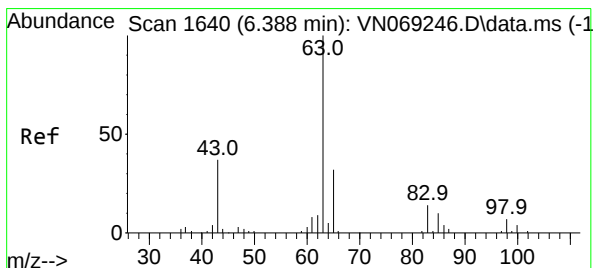
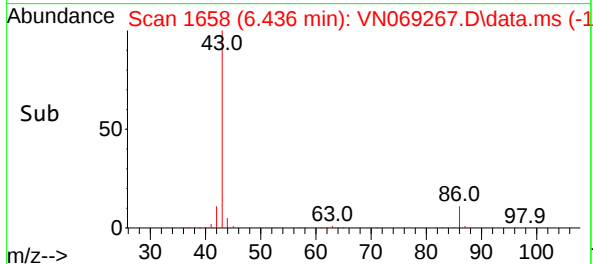
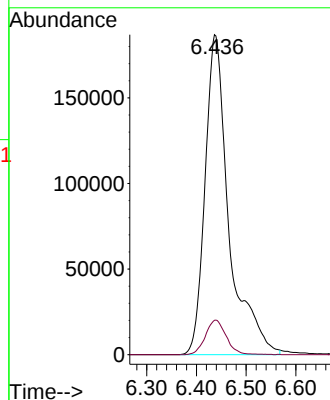
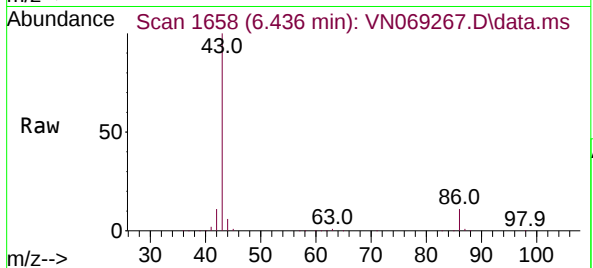
86 10.7 8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#24

1,1-Dichloroethane

Concen: 21.750 ug/l

RT: 6.391 min Scan# 1641

Delta R.T. 0.003 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

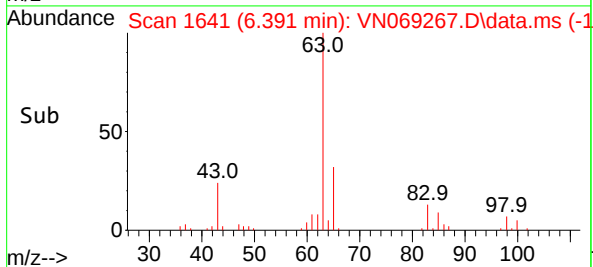
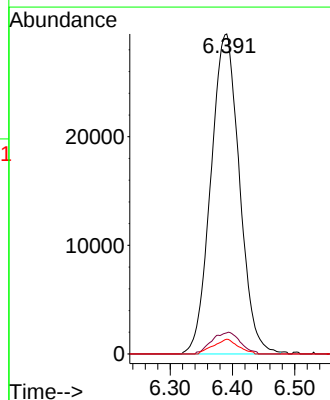
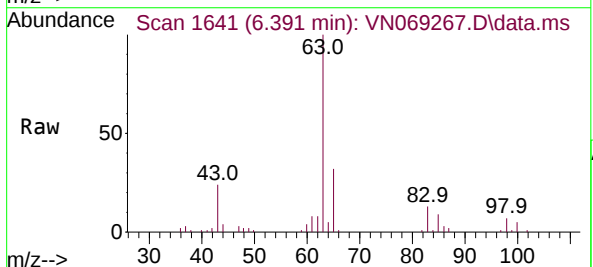
Tgt Ion: 63 Resp: 94012

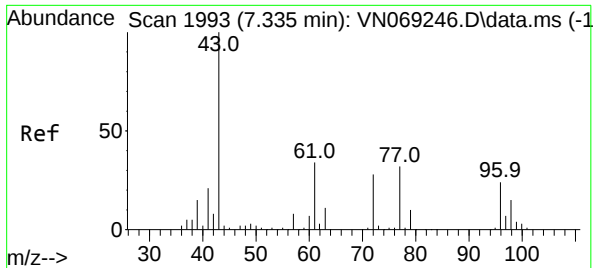
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

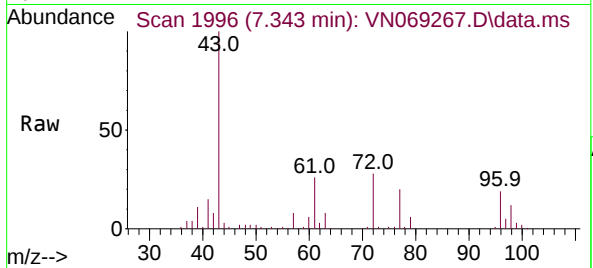
100 4.6 2.1 6.5





#25
2-Butanone
Concen: 99.733 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.008 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

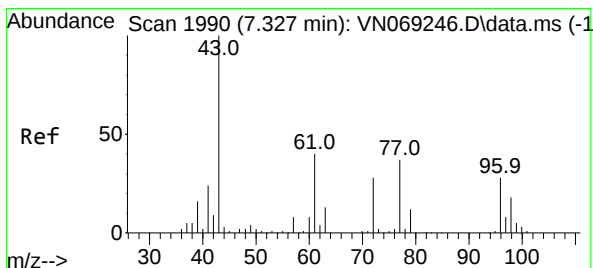
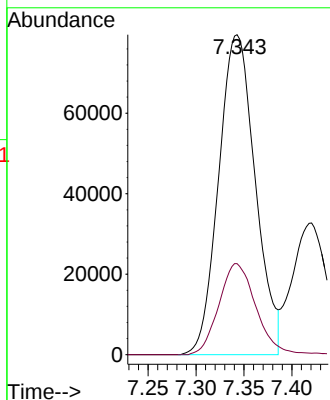
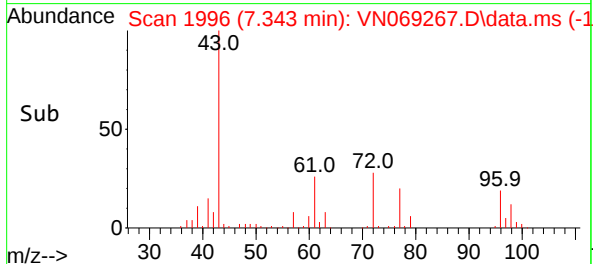
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



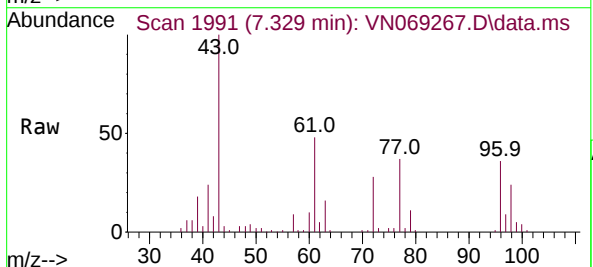
Tgt Ion: 43 Resp: 21154
Ion Ratio Lower Upper
43 100
72 28.4 21.2 31.8

Manual Integrations
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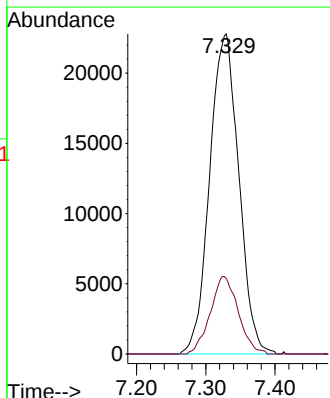
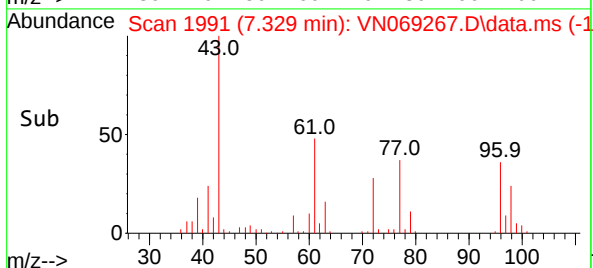
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

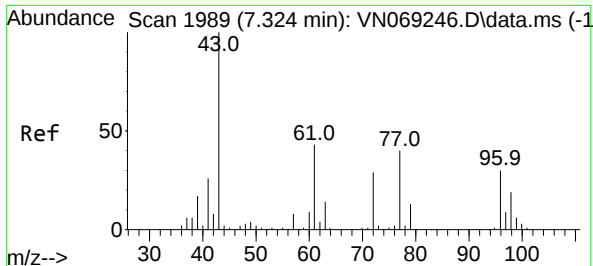


#26
2,2-Dichloropropane
Concen: 16.279 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.002 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36



Tgt Ion: 77 Resp: 66653
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 21.290 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

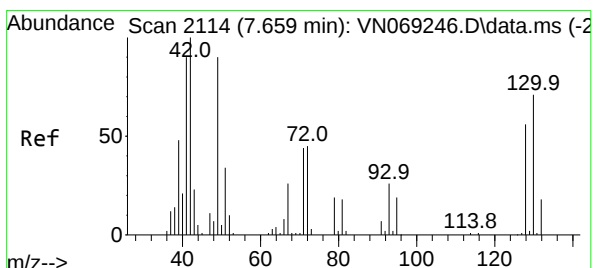
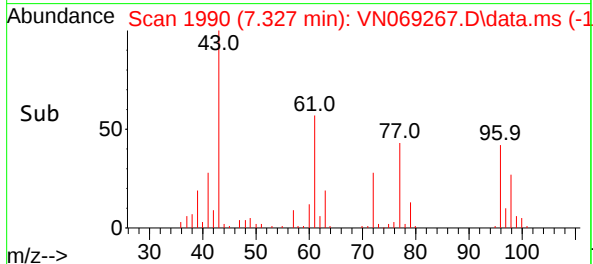
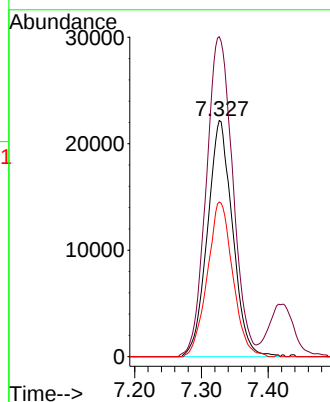
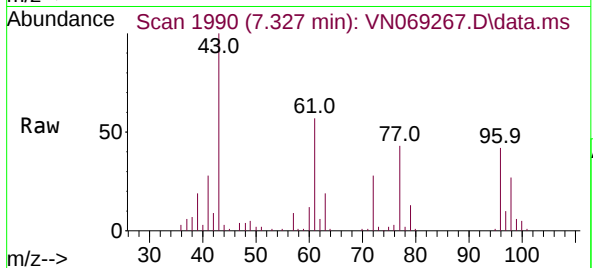
Tgt Ion: 96	Resp: 5806
Ion Ratio	Lower Upper
96 100	
61 143.0	0.0 290.6
98 66.2	0.0 127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#28

Bromochloromethane

Concen: 17.986 ug/l

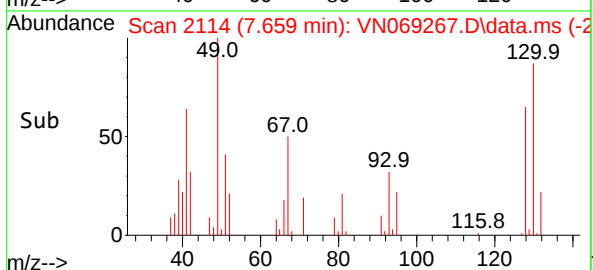
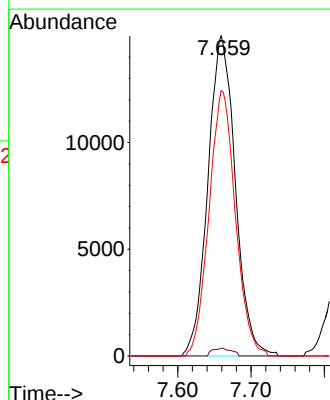
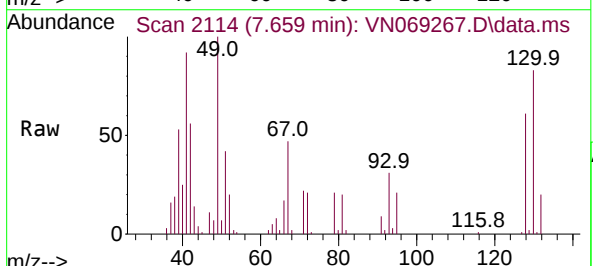
RT: 7.659 min Scan# 2114

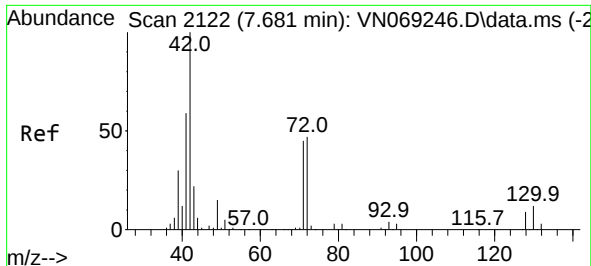
Delta R.T. 0.000 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

Tgt Ion: 49	Resp: 38950
Ion Ratio	Lower Upper
49 100	
129 1.7	0.0 4.4
130 79.8	60.8 91.2





#29

Tetrahydrofuran

Concen: 103.368 ug/l

RT: 7.691 min Scan# 2126

Delta R.T. 0.010 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

Instrument :

MSVOA_N

ClientSampleId :

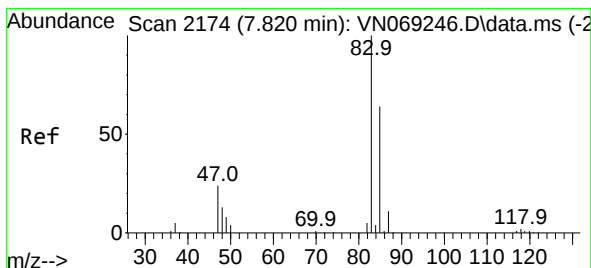
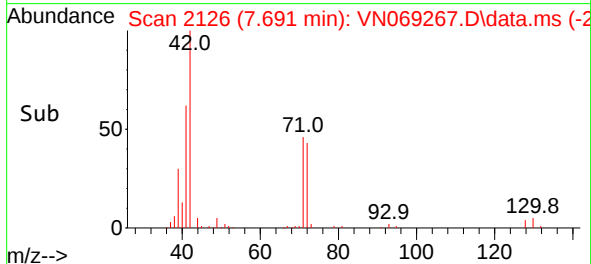
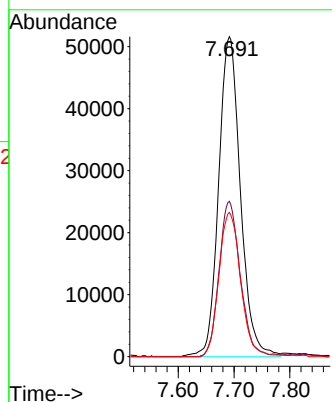
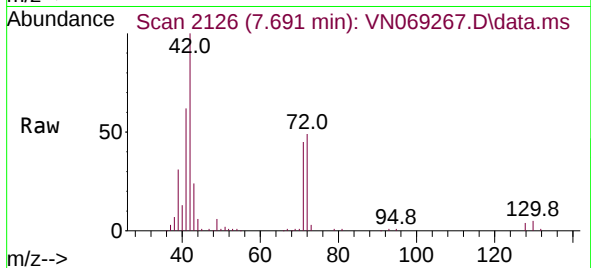
VN1028WBS02

Tgt Ion:	42	Resp:	13993
Ion Ratio	Lower	Upper	
42	100		
72	47.0	35.4	53.2
71	45.0	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#30

Chloroform

Concen: 21.097 ug/l

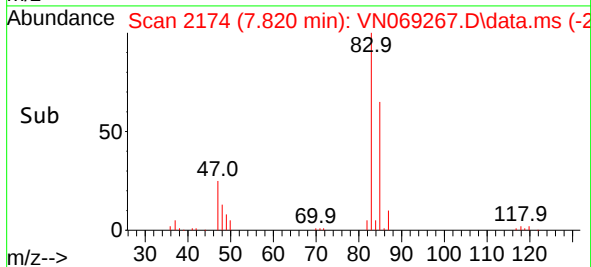
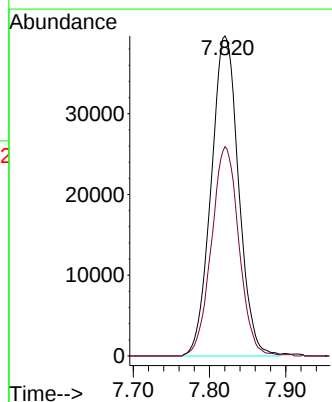
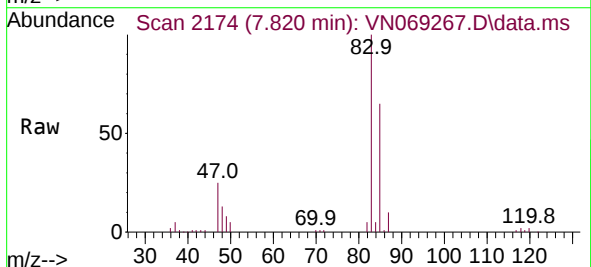
RT: 7.820 min Scan# 2174

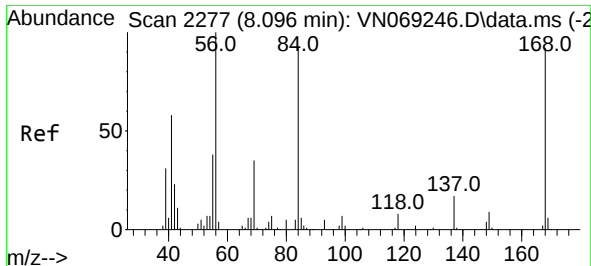
Delta R.T. 0.000 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

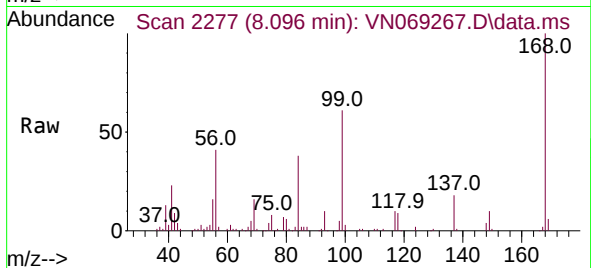
Tgt Ion:	83	Resp:	99128
Ion Ratio	Lower	Upper	
83	100		
85	65.4	51.1	76.7





#31
Cyclohexane
Concen: 20.112 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

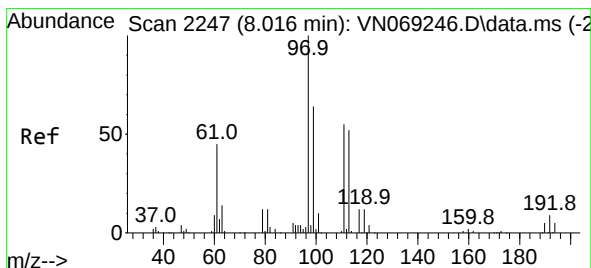
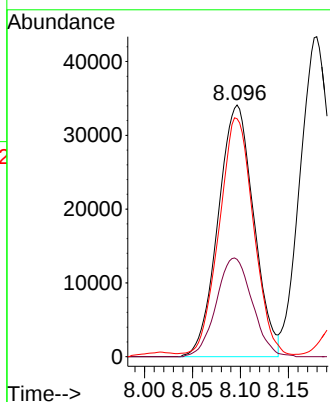
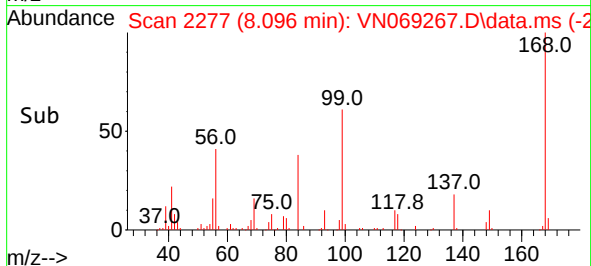
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 56 Resp: 8831
Ion Ratio Lower Upper
56 100
69 38.7 26.9 40.3
84 93.3 67.6 101.4

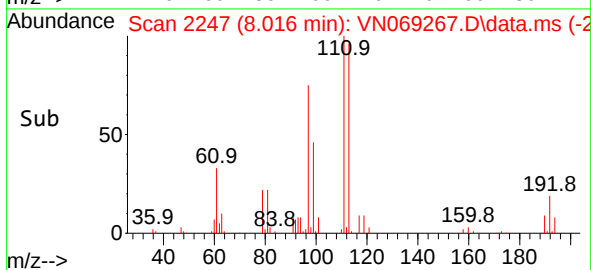
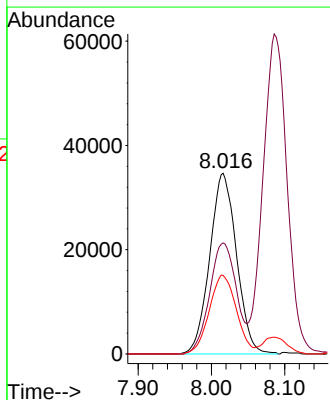
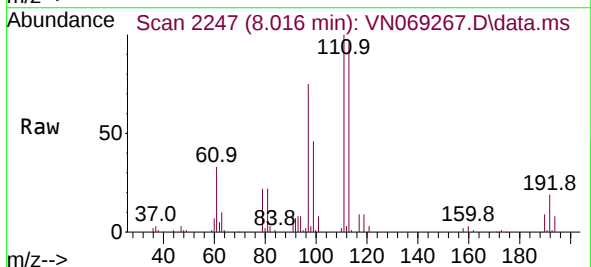
Manual Integrations
APPROVED

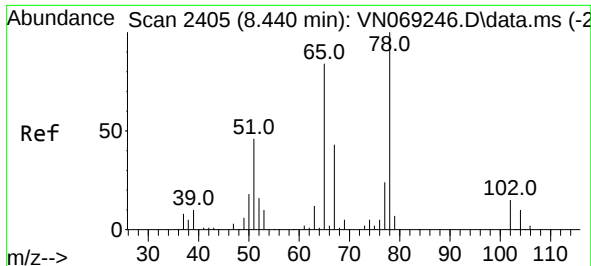
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#32
1,1,1-Trichloroethane
Concen: 19.720 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

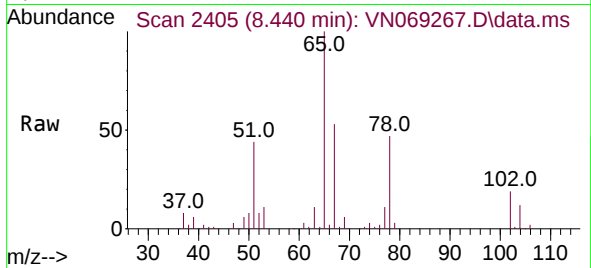
Tgt Ion: 97 Resp: 88218
Ion Ratio Lower Upper
97 100
99 61.3 50.8 76.2
61 44.1 34.6 51.8





#33
 1,2-Dichloroethane-d4
 Concen: 50.945 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069267.D
 Acq: 28 Oct 2021 23:36

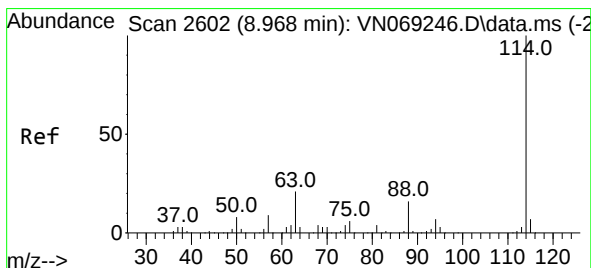
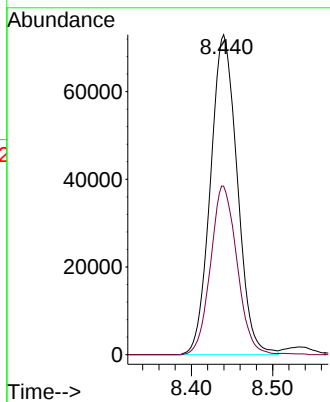
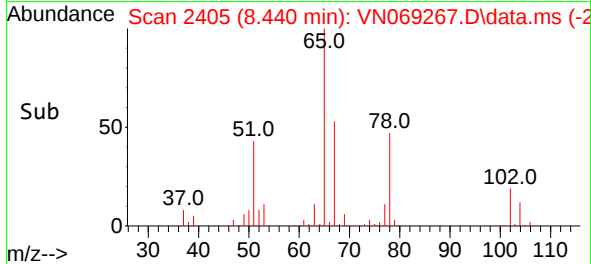
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS02



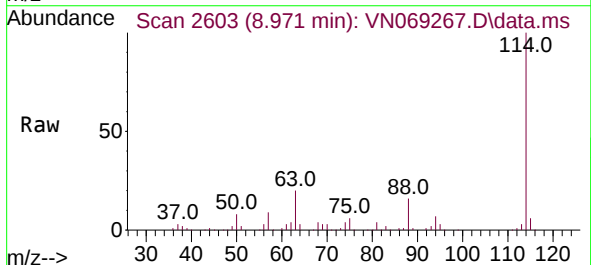
Tgt Ion: 65 Resp: 16714
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.8

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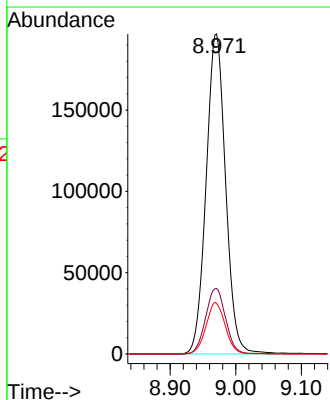
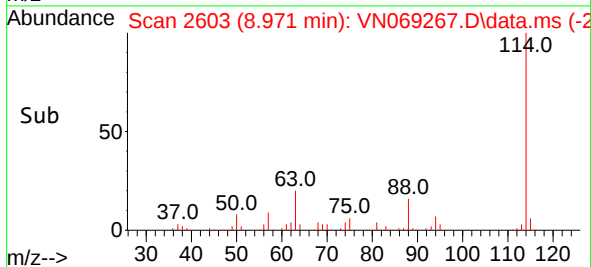
Reviewed By :John Carlone 11/01/2021
 Supervised By :Mahesh Dadoda 11/01/2021

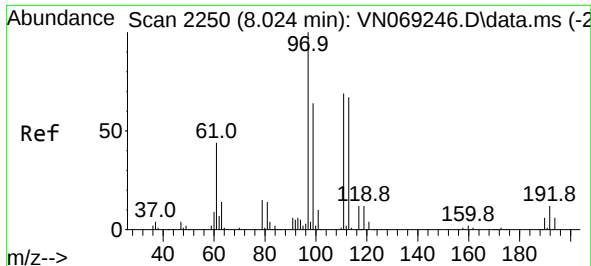


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069267.D
 Acq: 28 Oct 2021 23:36



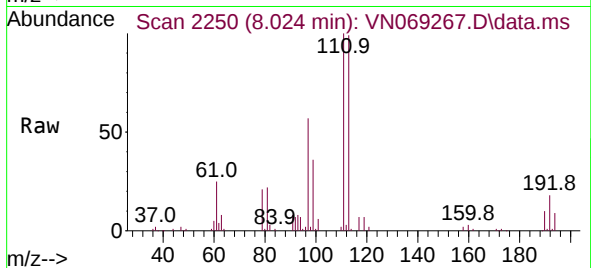
Tgt Ion:114 Resp: 405858
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.6
 88 15.8 0.0 32.0





#35
Dibromofluoromethane
Concen: 49.754 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

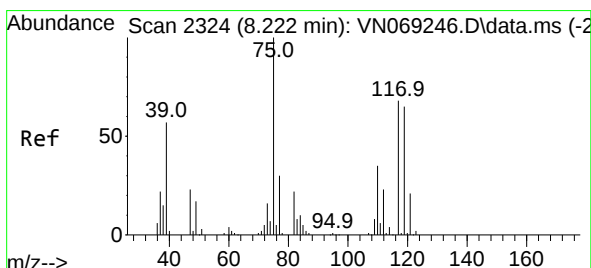
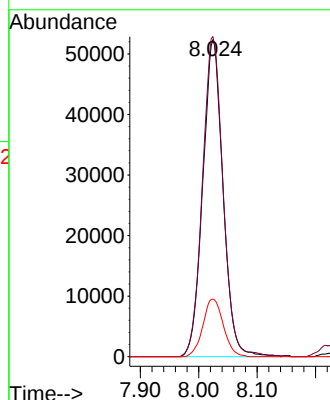
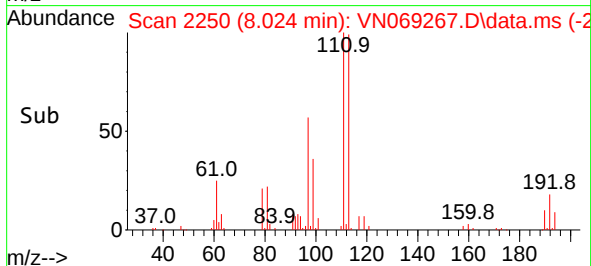
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



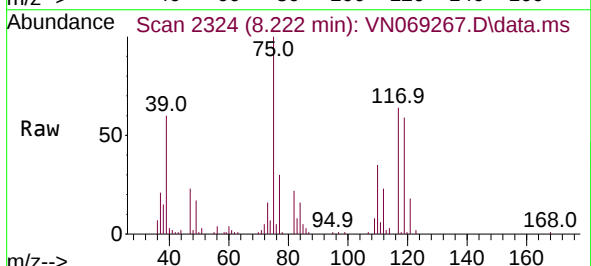
Tgt Ion: 113 Resp: 125870
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 18.4 15.0 22.4

Manual Integrations
APPROVED

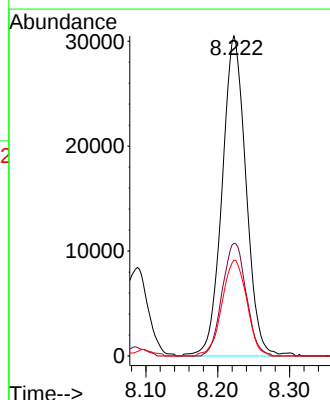
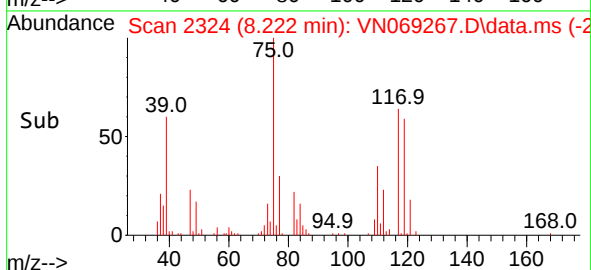
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

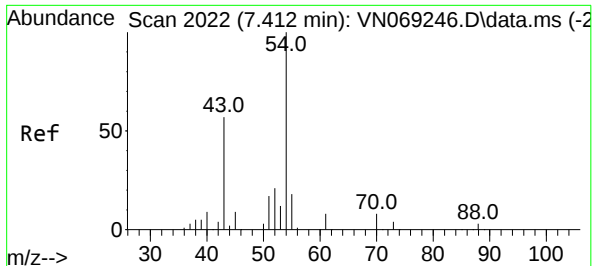


#36
1,1-Dichloropropene
Concen: 20.036 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36



Tgt Ion: 75 Resp: 70105
Ion Ratio Lower Upper
75 100
110 35.6 17.9 53.8
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 21.282 ug/l

RT: 7.421 min Scan# 2022

Delta R.T. 0.009 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

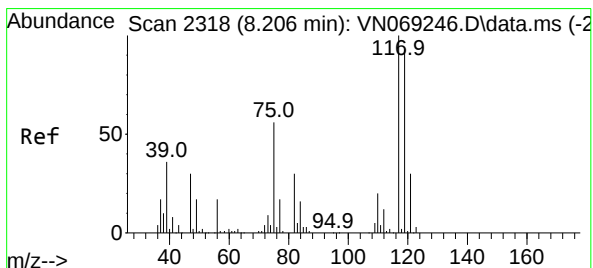
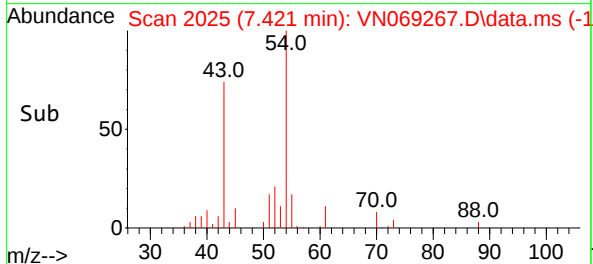
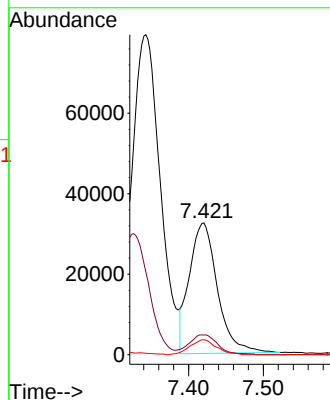
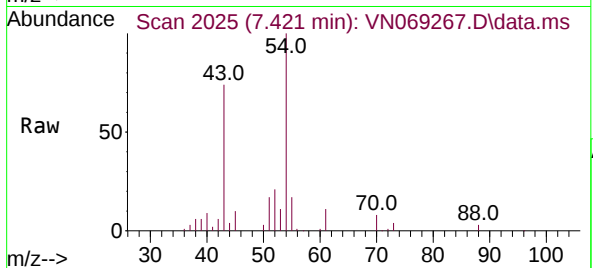
Tgt Ion: 43 Resp: 84858

Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.2	16.8
70	10.7	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#38

Carbon Tetrachloride

Concen: 18.951 ug/l

RT: 8.206 min Scan# 2318

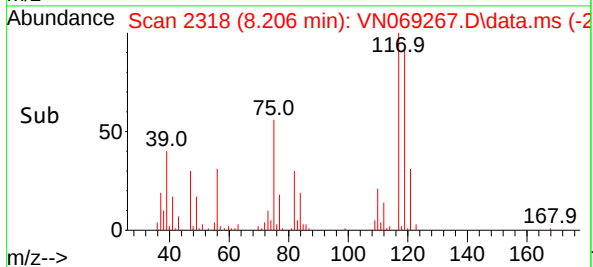
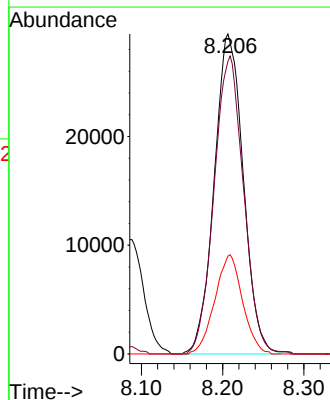
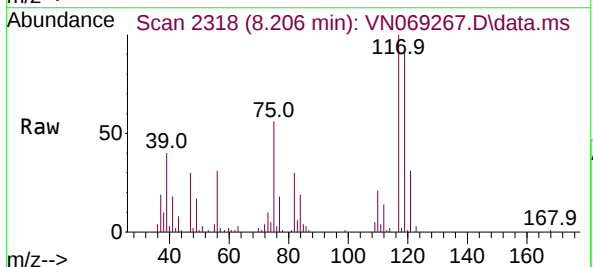
Delta R.T. 0.000 min

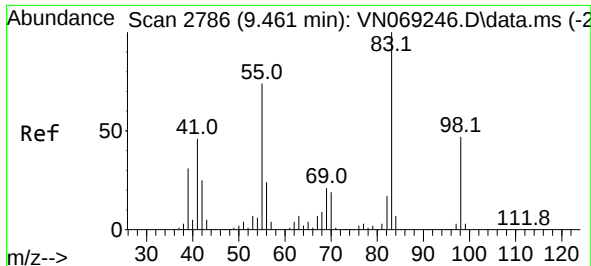
Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

Tgt Ion:117 Resp: 73031

Ion	Ratio	Lower	Upper
117	100		
119	91.4	76.9	115.3
121	30.6	24.6	37.0





#39

Methylcyclohexane

Concen: 19.642 ug/l

RT: 9.462 min Scan# 21

Delta R.T. 0.001 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion: 83 Resp: 8509

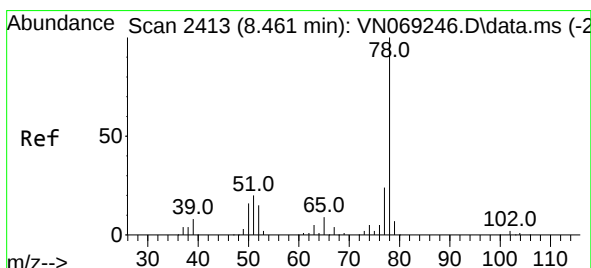
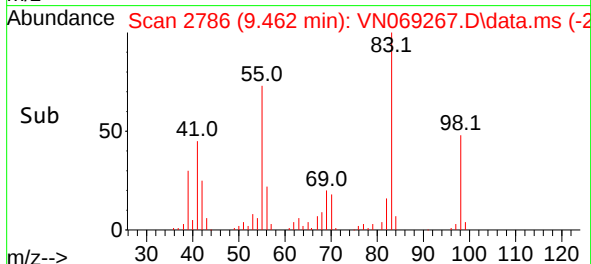
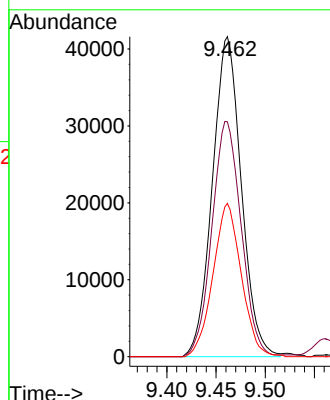
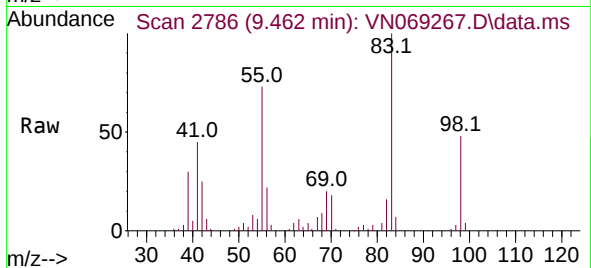
Ion	Ratio	Lower	Upper
83	100		
55	73.4	61.4	92.0
98	47.9	36.4	54.6

Manual Integrations

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Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#40

Benzene

Concen: 20.996 ug/l

RT: 8.461 min Scan# 2413

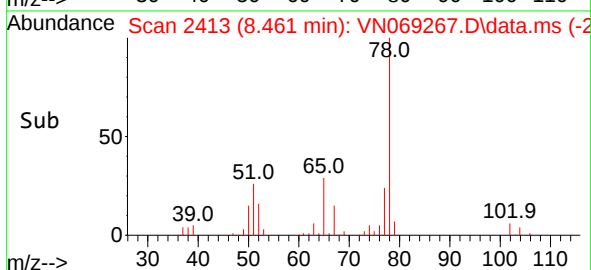
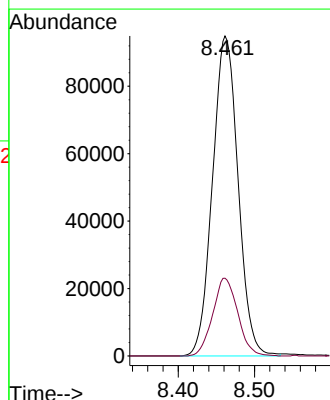
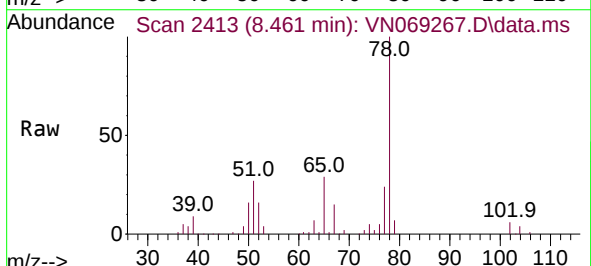
Delta R.T. 0.000 min

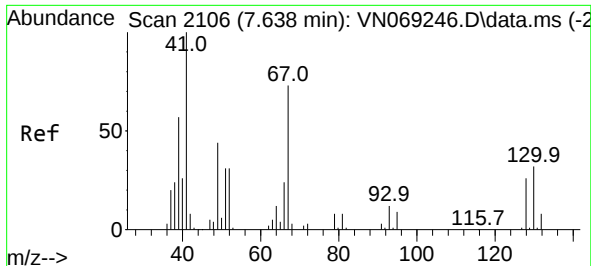
Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

Tgt Ion: 78 Resp: 220962

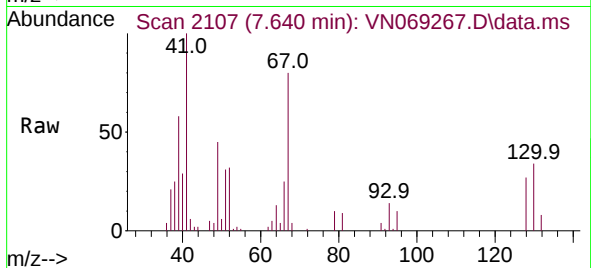
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





#41
Methacrylonitrile
Concen: 20.584 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

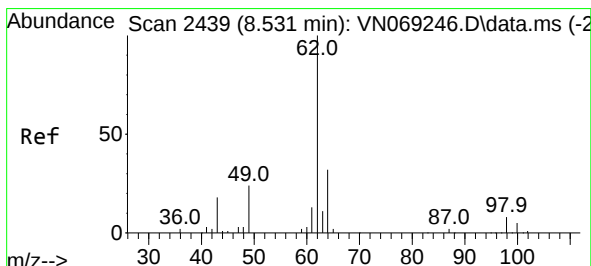
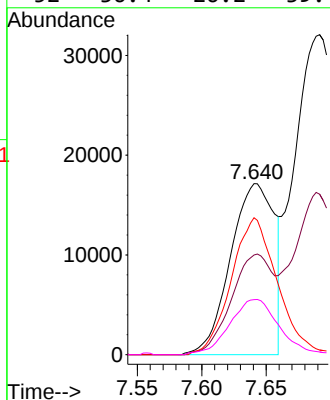
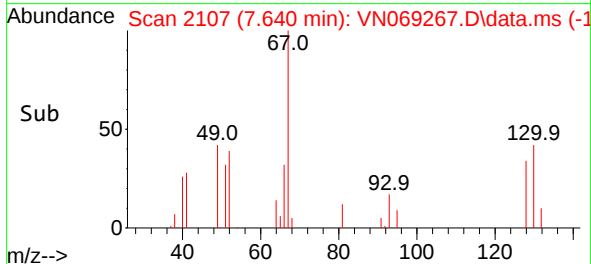
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 41	Resp: 4046
Ion Ratio	Lower Upper
41 100	
39 54.3	44.9 67.3
67 84.8	62.6 93.8
52 36.4	26.2 39.4

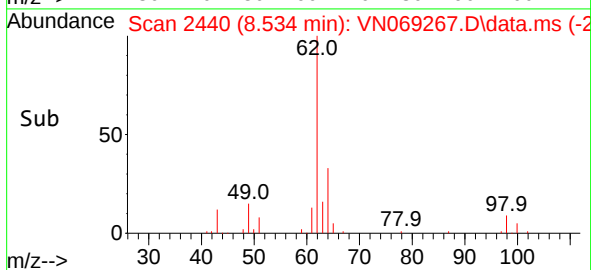
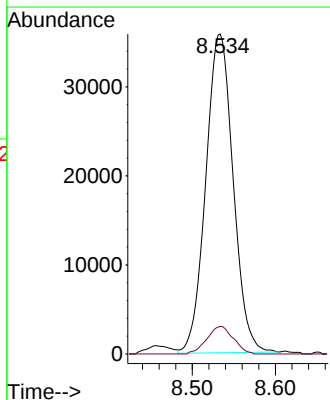
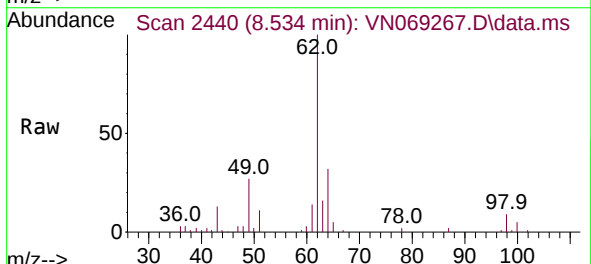
Manual Integrations
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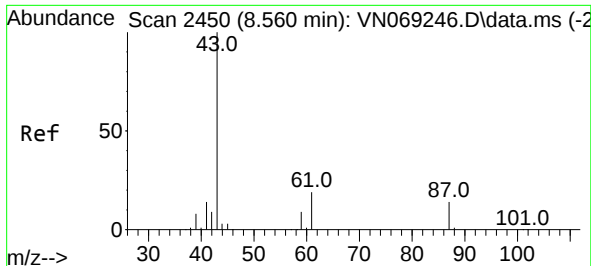
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#42
1,2-Dichloroethane
Concen: 20.701 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

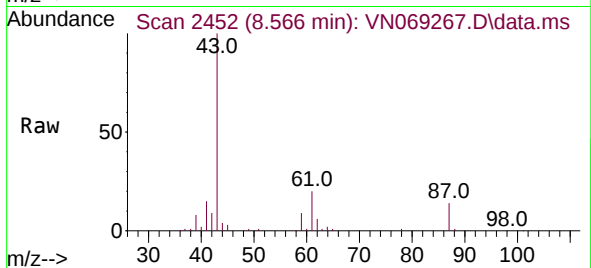
Tgt Ion: 62	Resp: 81988
Ion Ratio	Lower Upper
62 100	
98 8.4	0.0 17.2





#43
Isopropyl Acetate
Concen: 19.653 ug/l
RT: 8.566 min Scan# 2450
Delta R.T. 0.006 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

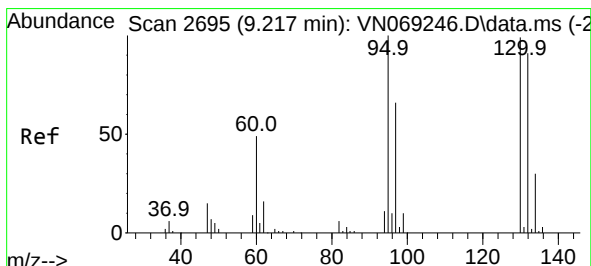
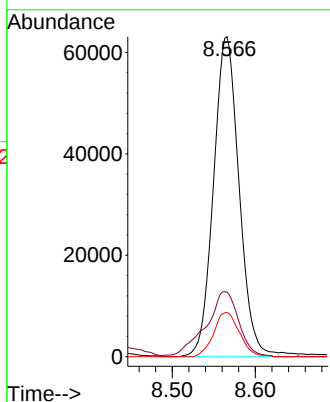
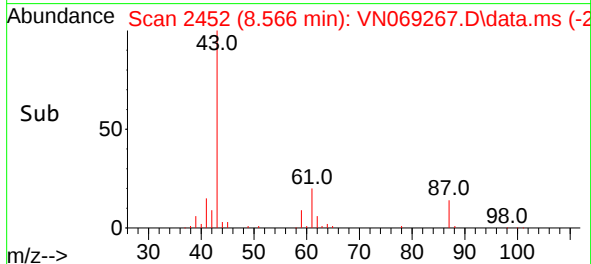
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 43 Resp: 13470
Ion Ratio Lower Upper
43 100
61 26.2 20.4 30.6
87 14.0 10.7 16.1

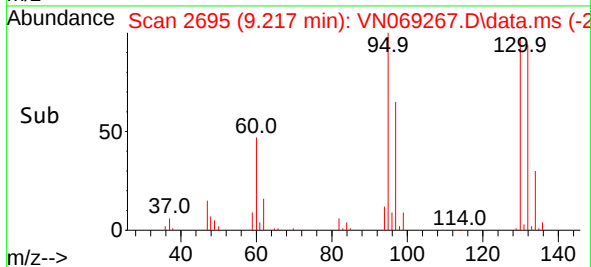
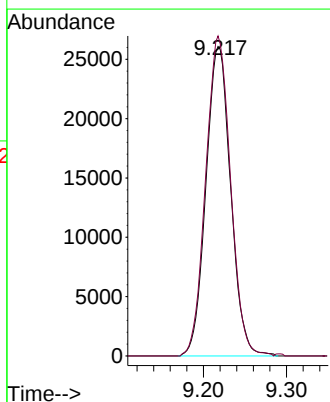
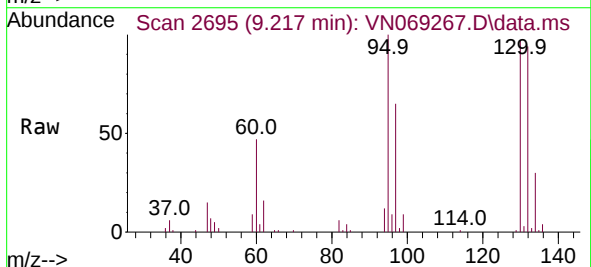
Manual Integrations
APPROVED

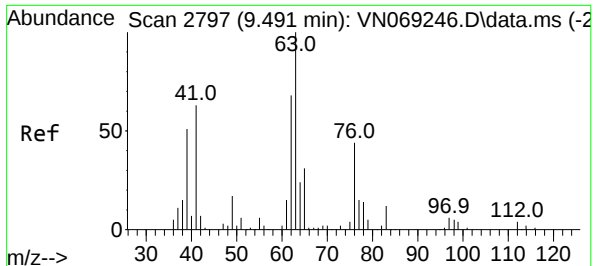
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#44
Trichloroethene
Concen: 20.336 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Tgt Ion:130 Resp: 53892
Ion Ratio Lower Upper
130 100
95 103.4 0.0 208.0





#45

1,2-Dichloropropane

Concen: 20.899 ug/l

RT: 9.494 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion: 63 Resp: 5599

Ion Ratio Lower Upper

63 100

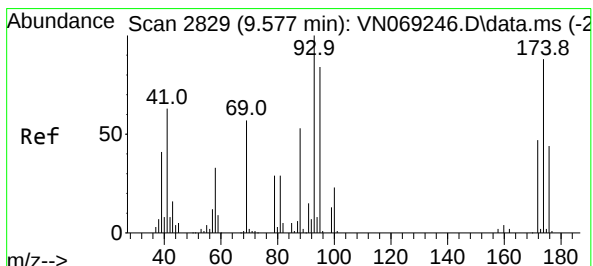
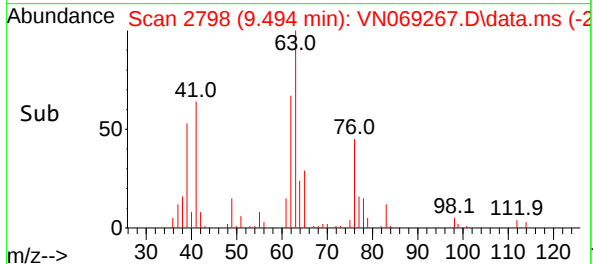
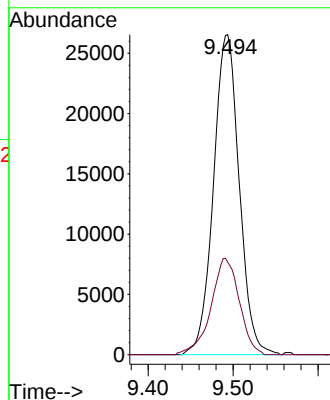
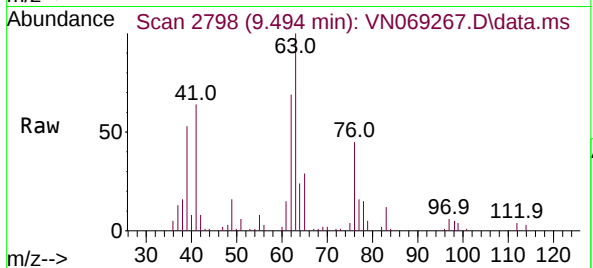
65 28.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#46

Dibromomethane

Concen: 21.111 ug/l

RT: 9.580 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

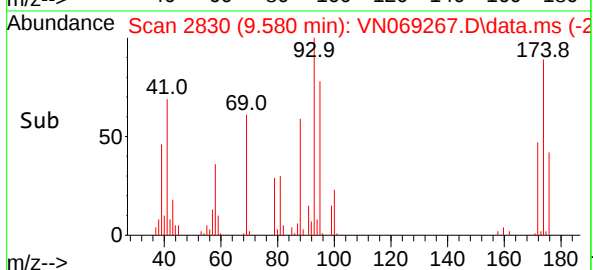
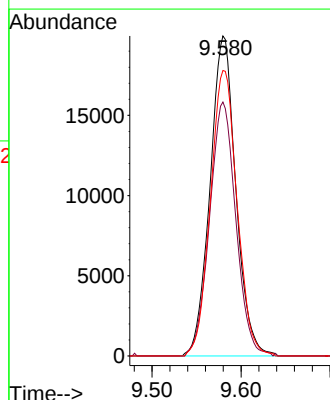
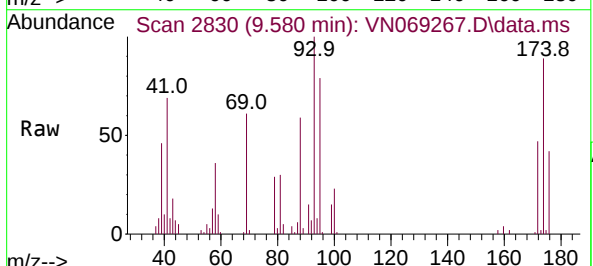
Tgt Ion: 93 Resp: 40188

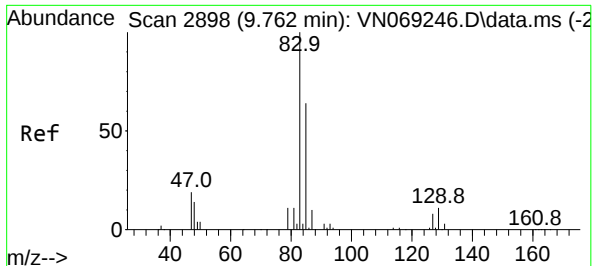
Ion Ratio Lower Upper

93 100

95 80.7 66.5 99.7

174 92.2 73.8 110.8





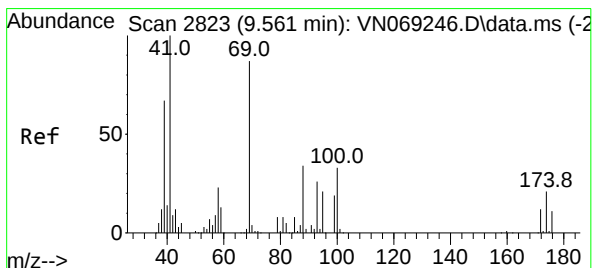
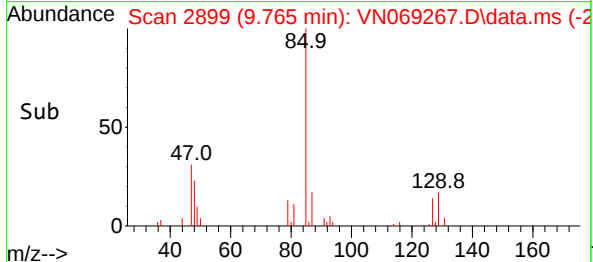
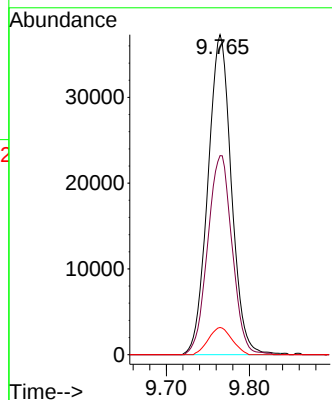
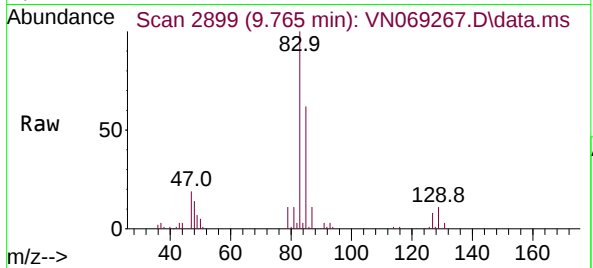
#47
Bromodichloromethane
Concen: 18.678 ug/l
RT: 9.765 min Scan# 2898
Delta R.T. 0.003 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 83 Resp: 7325
Ion Ratio Lower Upper
83 100
85 62.2 50.7 76.1
127 8.5 6.5 9.7

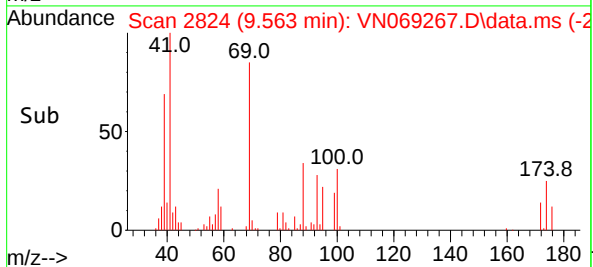
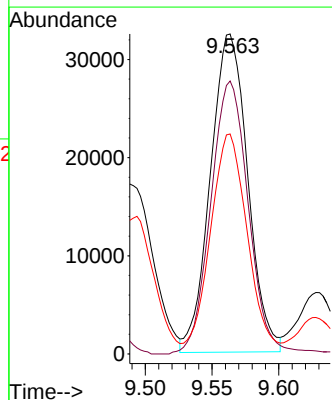
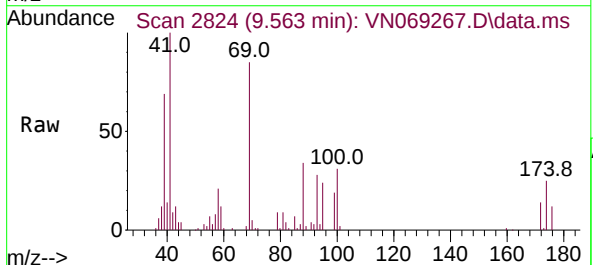
Manual Integrations
APPROVED

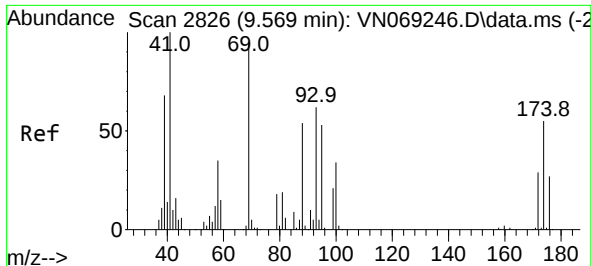
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#48
Methyl methacrylate
Concen: 20.980 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.002 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

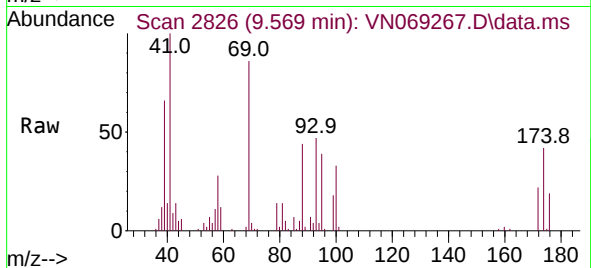
Tgt Ion: 41 Resp: 63136
Ion Ratio Lower Upper
41 100
69 86.7 66.4 99.6
39 62.9 50.2 75.2





#49
1,4-Dioxane
Concen: 402.683 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

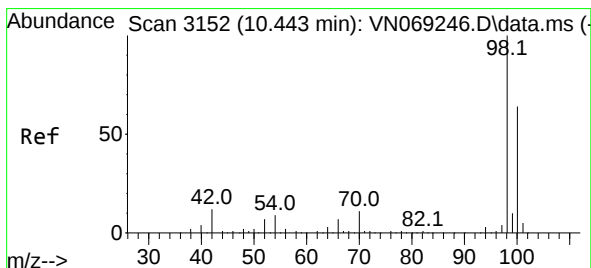
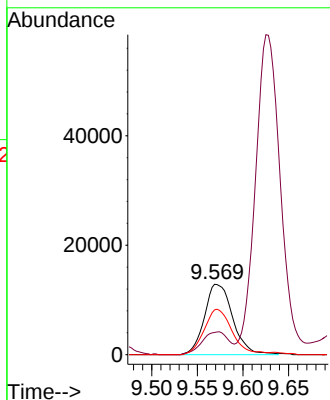
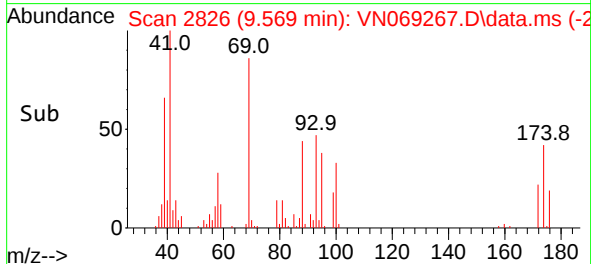
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



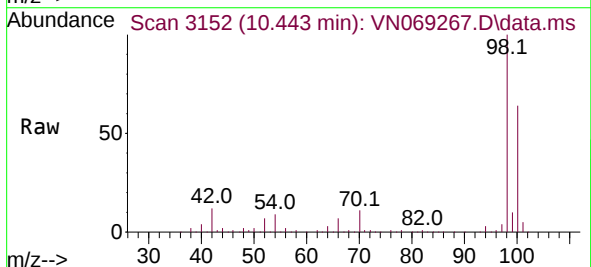
Tgt Ion: 88 Resp: 27779
Ion Ratio Lower Upper
88 100
43 30.6 24.9 37.3
58 63.8 56.9 85.3

Manual Integrations
APPROVED

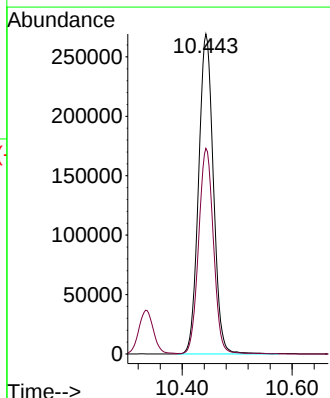
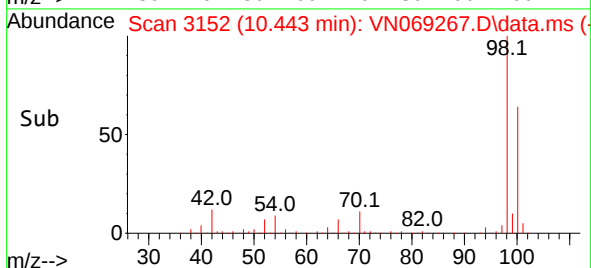
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

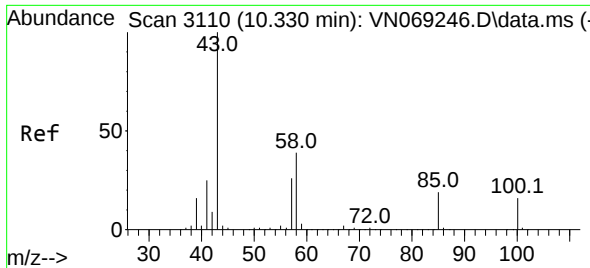


#50
Toluene-d8
Concen: 49.682 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36



Tgt Ion: 98 Resp: 502563
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3





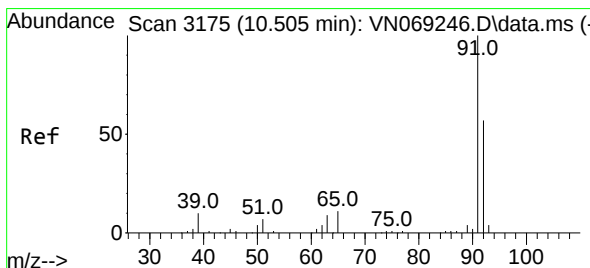
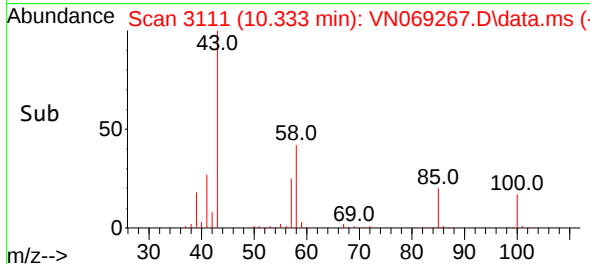
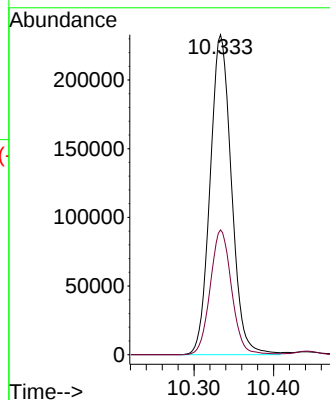
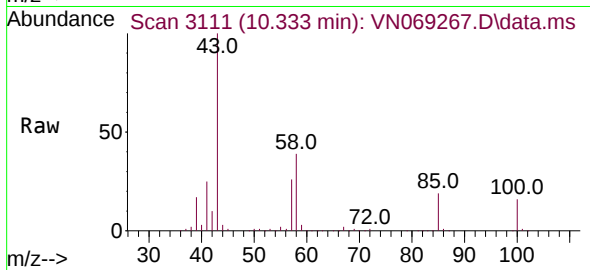
#51
4-Methyl-2-Pentanone
Concen: 99.987 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 43 Resp: 43472
Ion Ratio Lower Upper
43 100
58 38.9 31.0 46.4

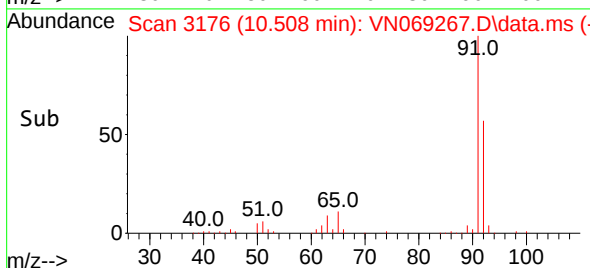
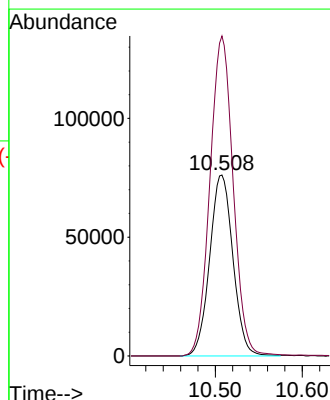
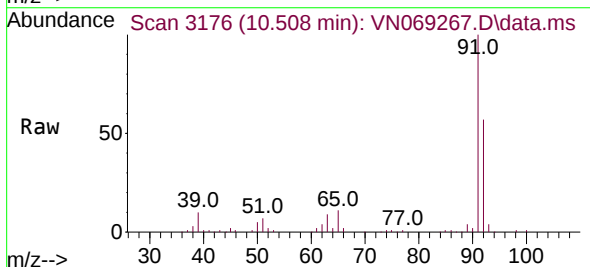
Manual Integrations
APPROVED

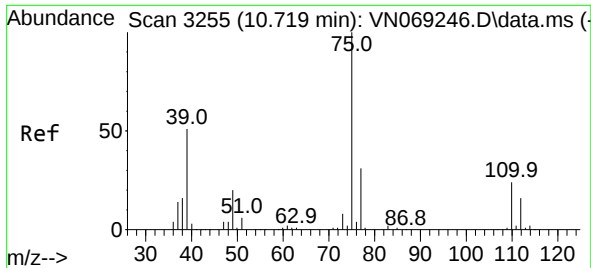
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#52
Toluene
Concen: 20.527 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

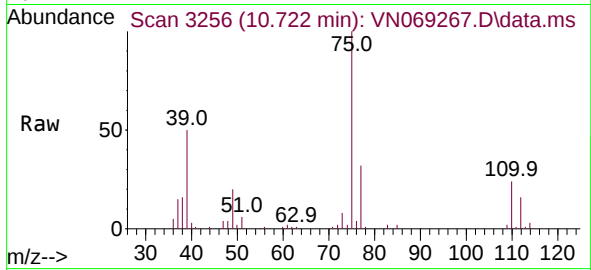
Tgt Ion: 92 Resp: 141682
Ion Ratio Lower Upper
92 100
91 176.7 138.5 207.7





#53
 t-1,3-Dichloropropene
 Concen: 17.552 ug/l
 RT: 10.722 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VN069267.D
 Acq: 28 Oct 2021 23:36

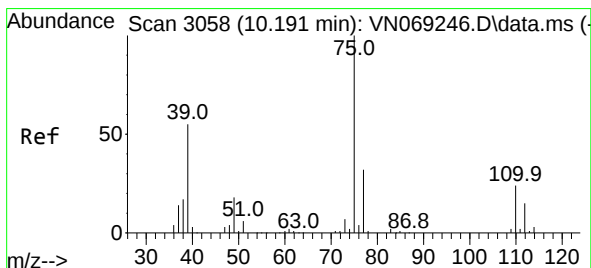
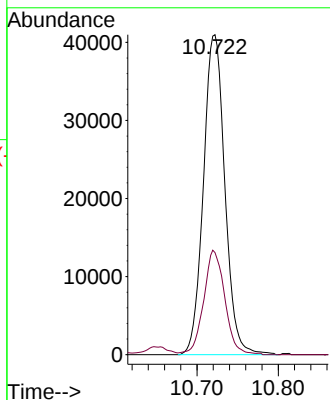
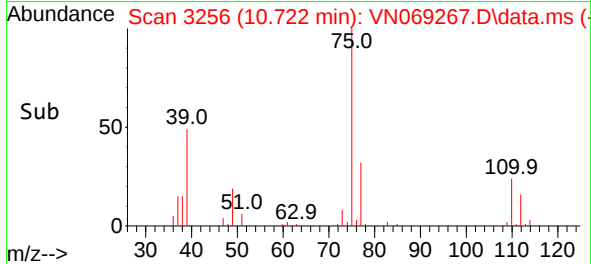
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS02



Tgt Ion: 75 Resp: 7511
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2

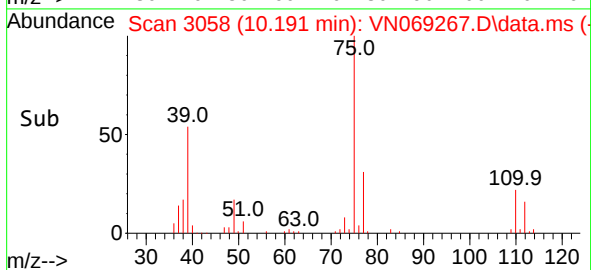
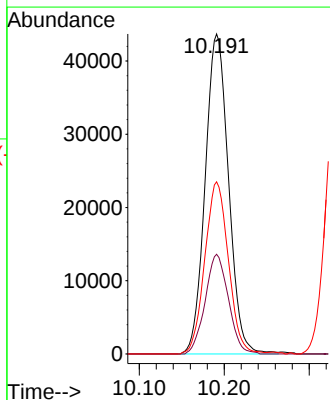
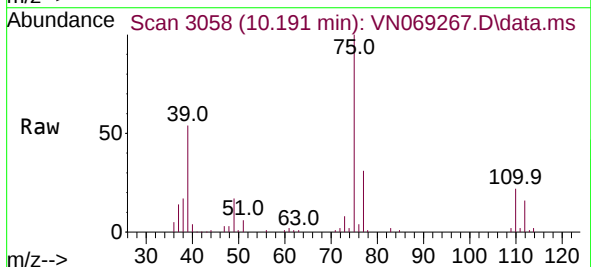
Manual Integrations
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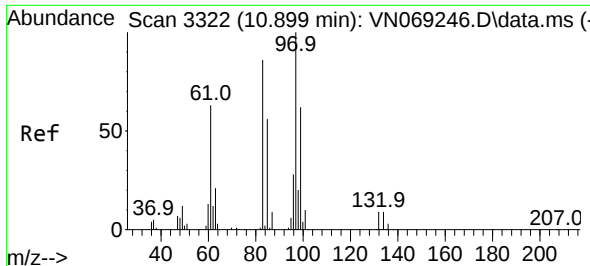
Reviewed By :John Carlone 11/01/2021
 Supervised By :Mahesh Dadoda 11/01/2021



#54
 cis-1,3-Dichloropropene
 Concen: 18.372 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN069267.D
 Acq: 28 Oct 2021 23:36

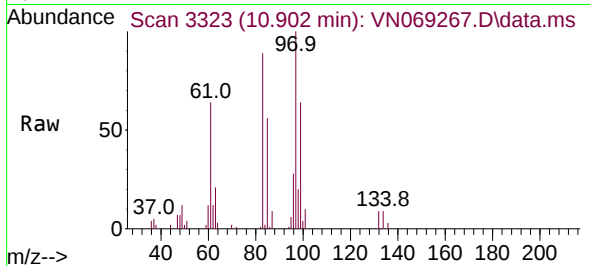
Tgt Ion: 75 Resp: 83409
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.6 38.4
 39 53.8 42.9 64.3





#55
1,1,2-Trichloroethane
Concen: 20.603 ug/l
RT: 10.902 min Scan# 3322
Delta R.T. 0.003 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

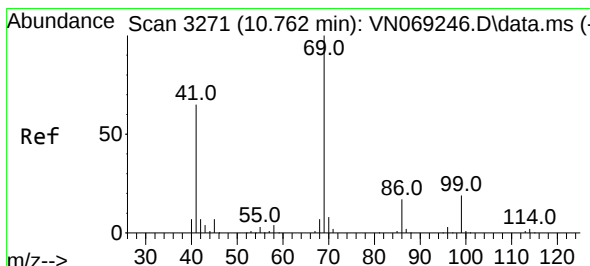
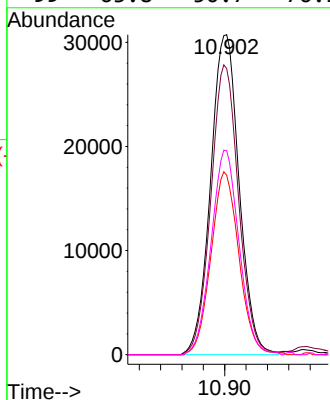
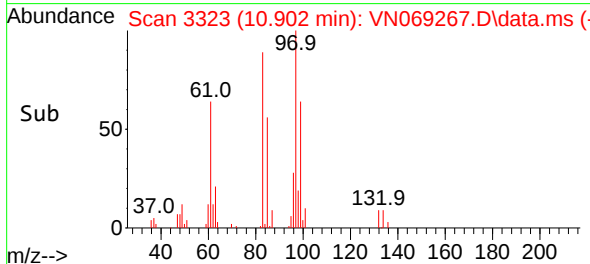
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 97 Resp: 57049
Ion Ratio Lower Upper
97 100
83 89.4 70.5 105.7
85 56.0 45.3 67.9
99 63.8 50.7 76.1

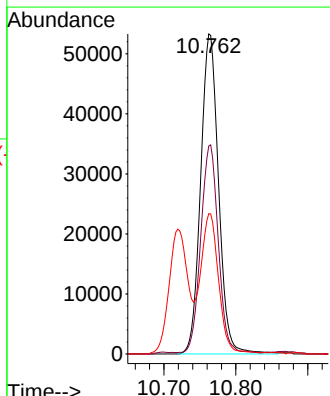
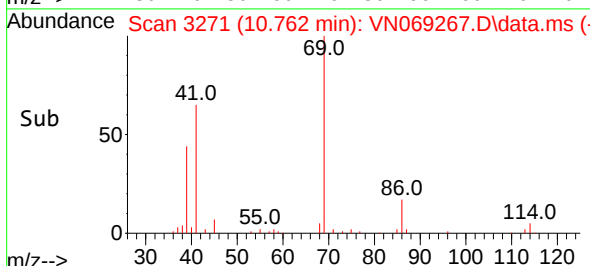
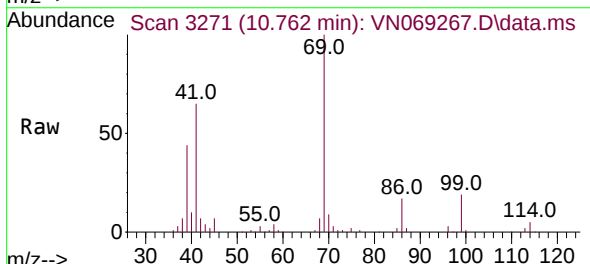
Manual Integrations
APPROVED

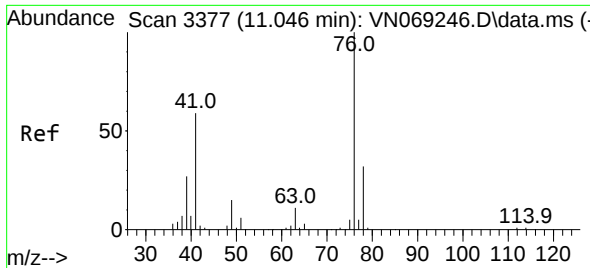
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#56
Ethyl methacrylate
Concen: 19.286 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Tgt Ion: 69 Resp: 92670
Ion Ratio Lower Upper
69 100
41 63.5 53.3 79.9
39 42.3 33.3 49.9





#57

1,3-Dichloropropane

Concen: 20.582 ug/l

RT: 11.047 min Scan# 31

Delta R.T. 0.001 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion: 76 Resp: 9507

Ion Ratio Lower Upper

76 100

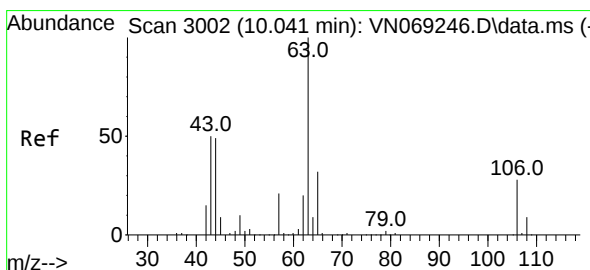
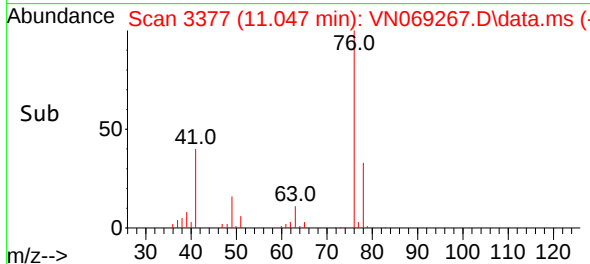
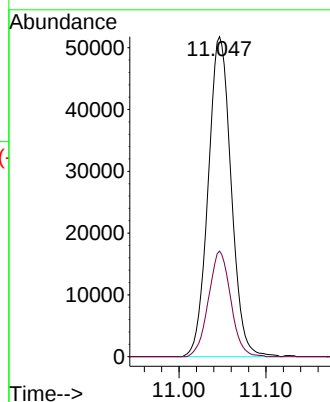
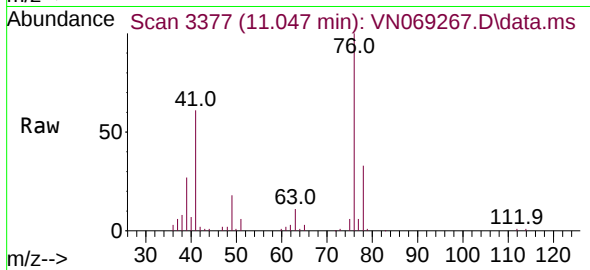
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#58

2-Chloroethyl Vinyl ether

Concen: 85.832 ug/l

RT: 10.044 min Scan# 3003

Delta R.T. 0.003 min

Lab File: VN069267.D

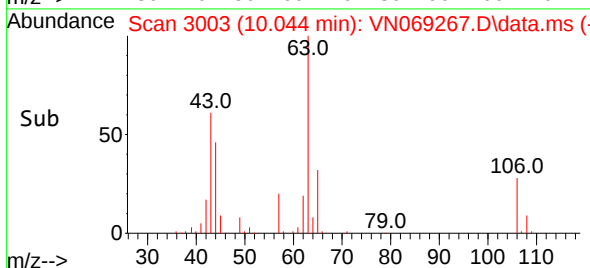
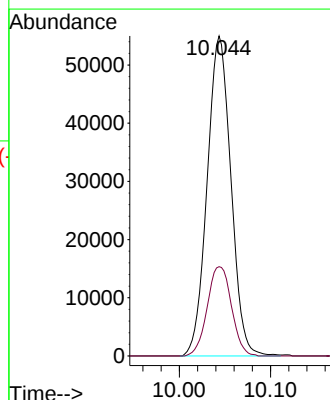
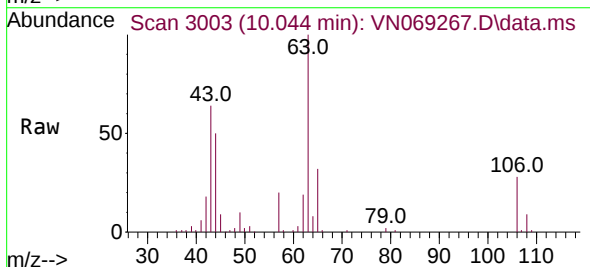
Acq: 28 Oct 2021 23:36

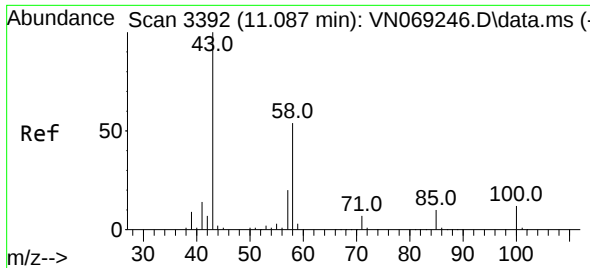
Tgt Ion: 63 Resp: 99648

Ion Ratio Lower Upper

63 100

106 28.4 22.2 33.2





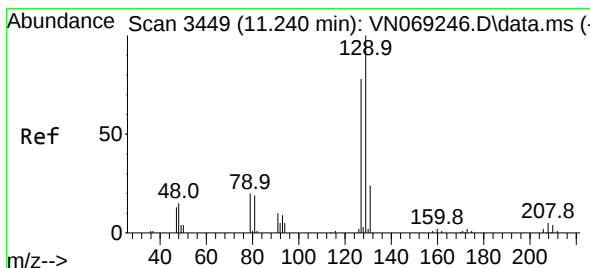
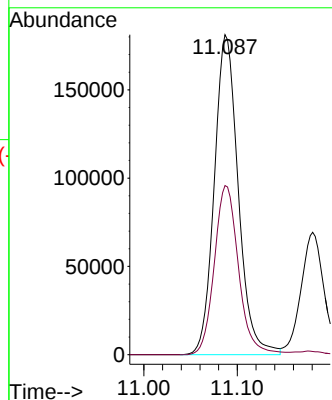
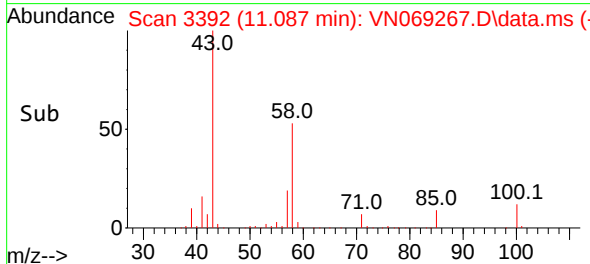
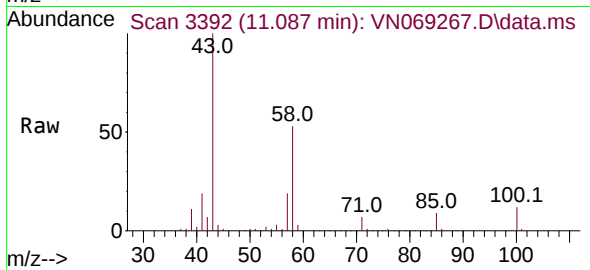
#59
2-Hexanone
Concen: 98.357 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 43 Resp: 32306
Ion Ratio Lower Upper
43 100
58 53.5 26.9 80.7

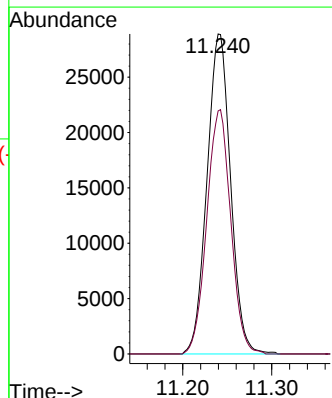
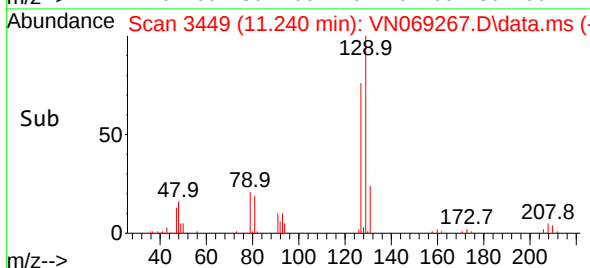
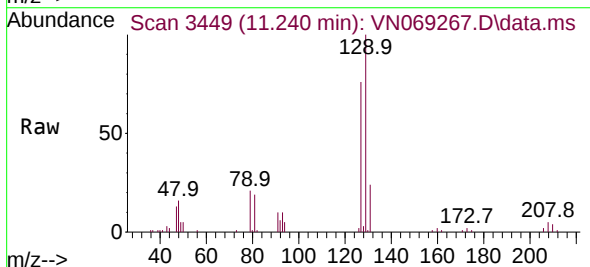
Manual Integrations
APPROVED

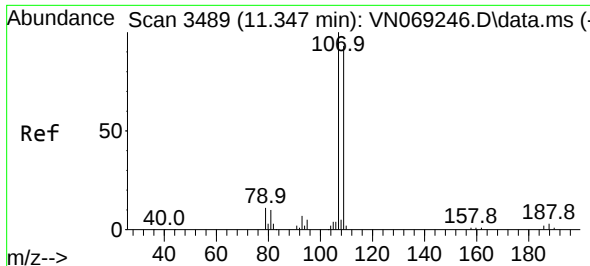
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#60
Dibromochloromethane
Concen: 18.191 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Tgt Ion:129 Resp: 53222
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





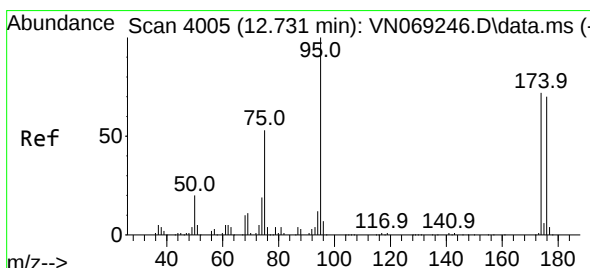
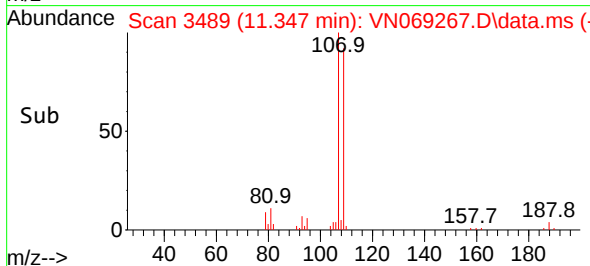
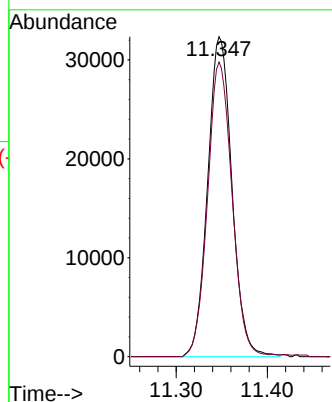
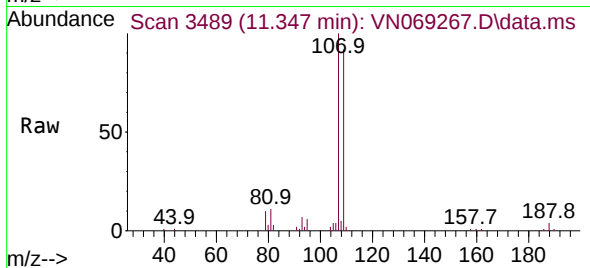
#61
1,2-Dibromoethane
Concen: 19.452 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:107 Resp: 5987
Ion Ratio Lower Upper
107 100
109 93.0 74.7 112.1

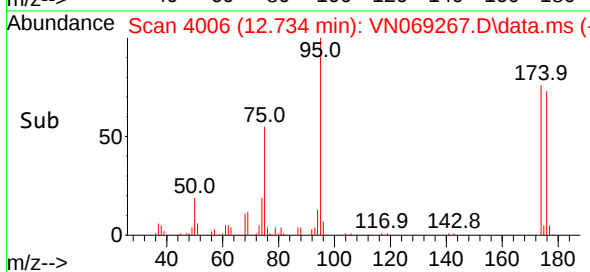
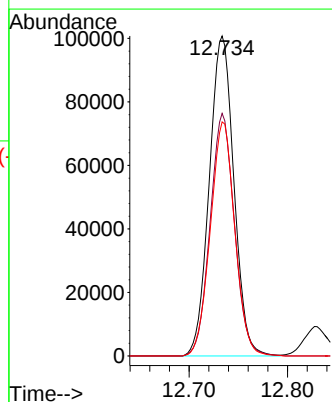
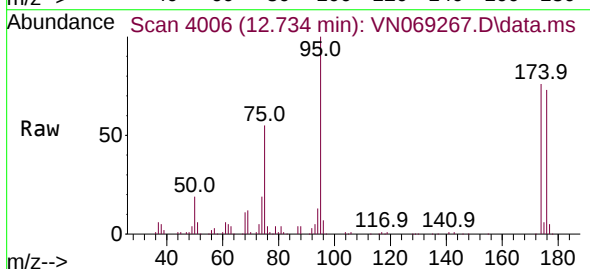
Manual Integrations
APPROVED

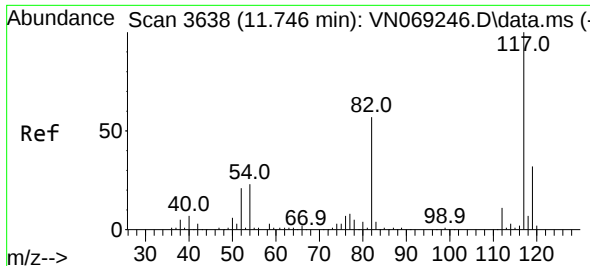
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#62
4-Bromofluorobenzene
Concen: 45.868 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

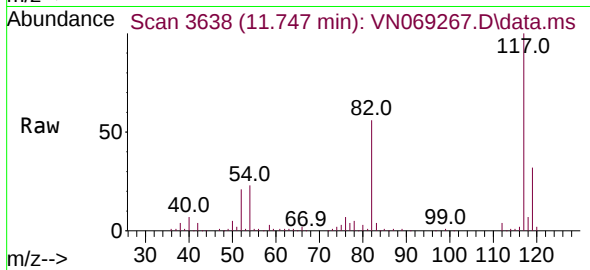
Tgt Ion: 95 Resp: 175084
Ion Ratio Lower Upper
95 100
174 74.9 0.0 144.8
176 72.9 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

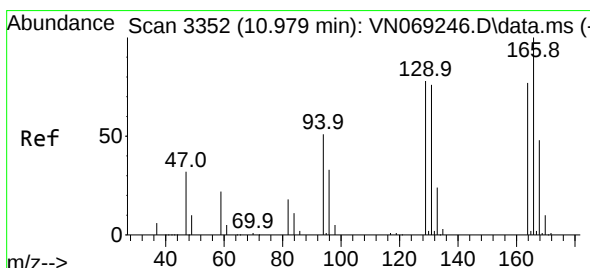
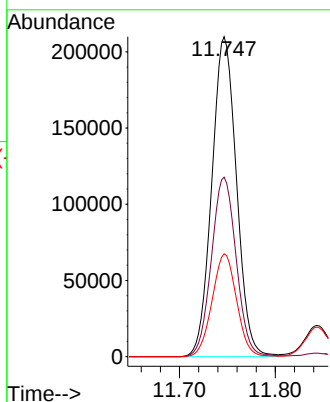
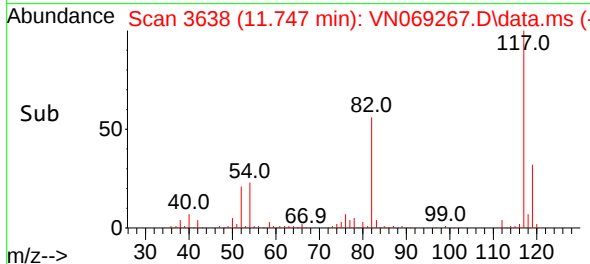
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion:117 Resp: 375335
Ion Ratio Lower Upper
117 100
82 56.1 46.4 69.6
119 32.2 26.0 39.0

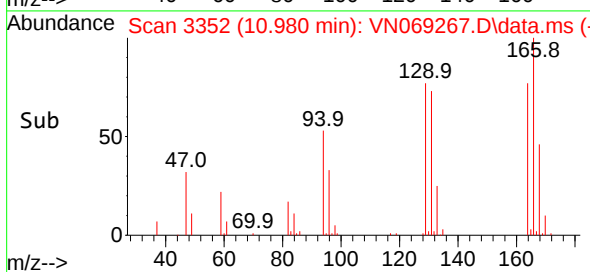
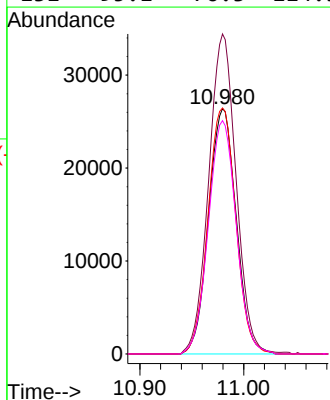
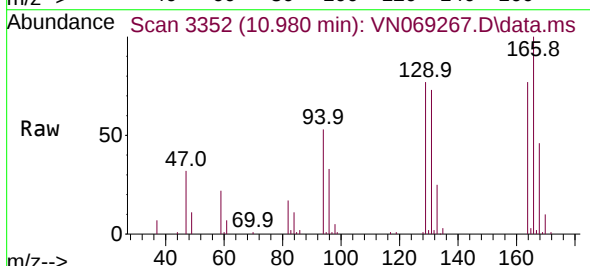
Manual Integrations
APPROVED

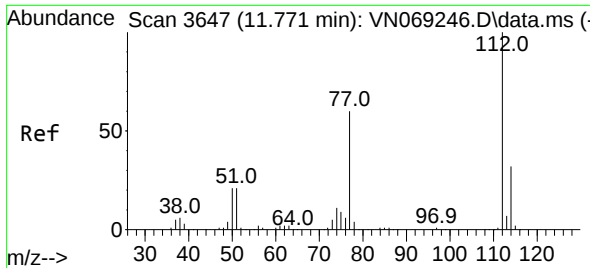
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#64
Tetrachloroethene
Concen: 20.386 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.001 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

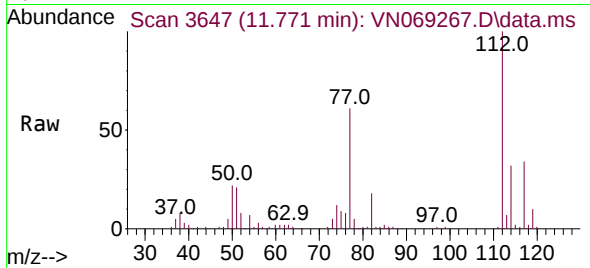
Tgt Ion:164 Resp: 48875
Ion Ratio Lower Upper
164 100
166 130.4 99.8 149.8
129 100.2 79.2 118.8
131 95.1 76.3 114.5





#65
Chlorobenzene
Concen: 19.897 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

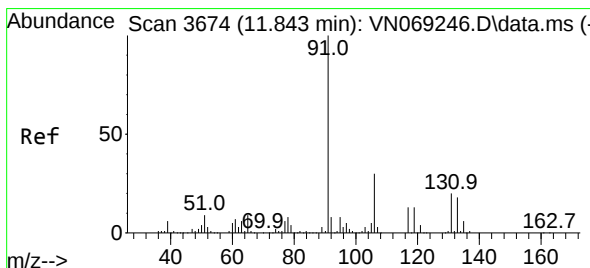
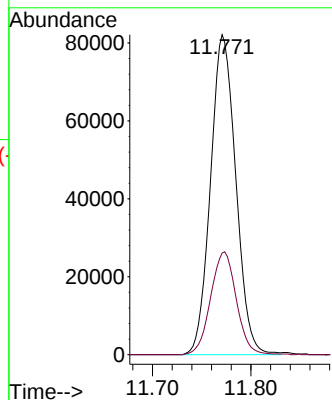
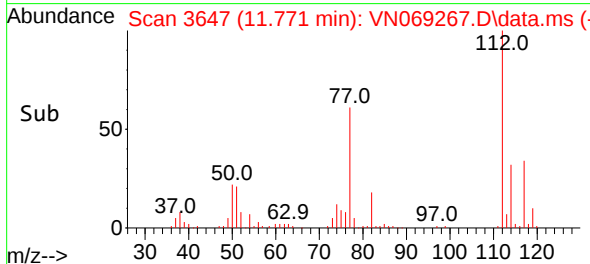
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion:112 Resp: 146969
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

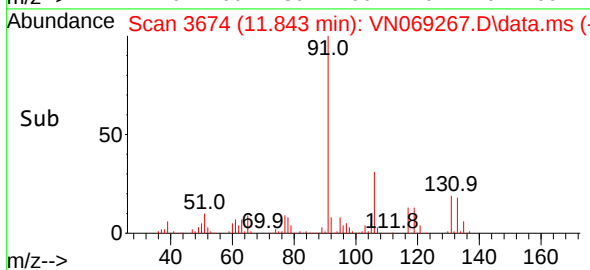
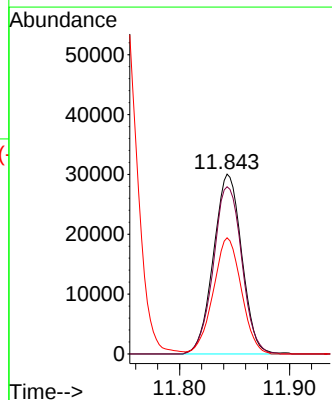
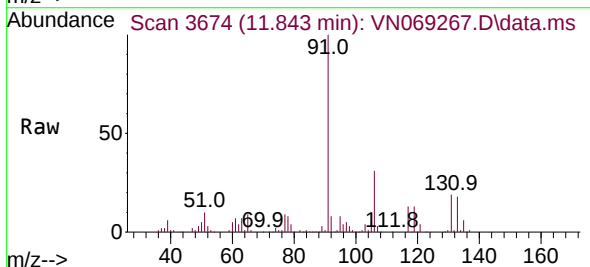
Manual Integrations
APPROVED

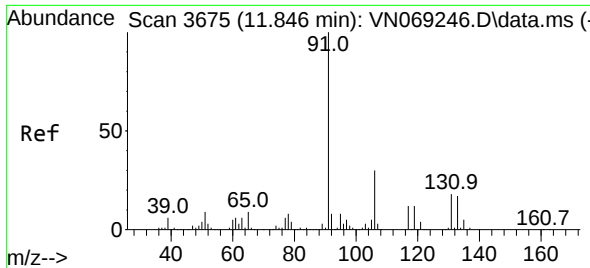
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 19.062 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

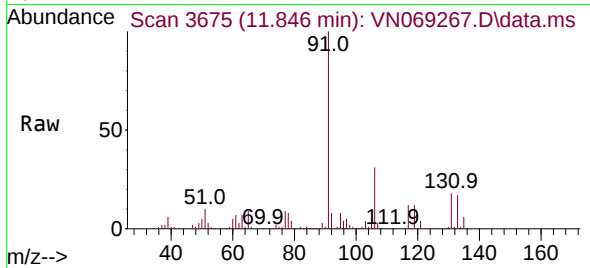
Tgt Ion:131 Resp: 53752
Ion Ratio Lower Upper
131 100
133 93.7 47.3 142.0
119 64.3 33.0 99.0





#67
Ethyl Benzene
Concen: 20.387 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

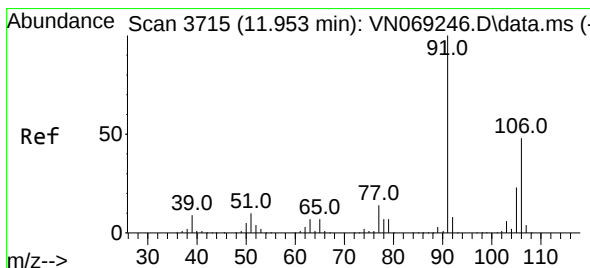
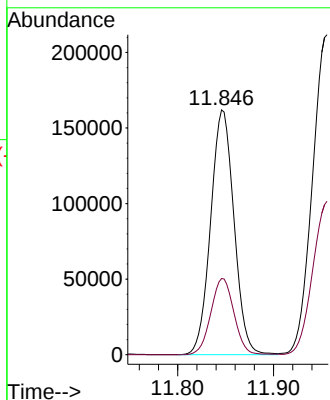
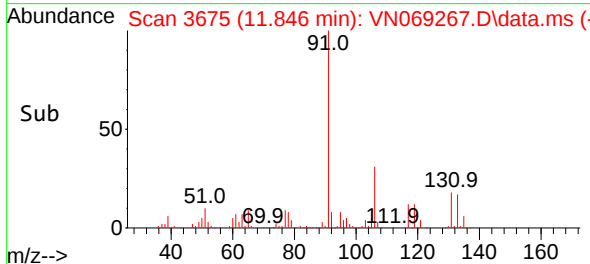
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 91 Resp: 274330
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2

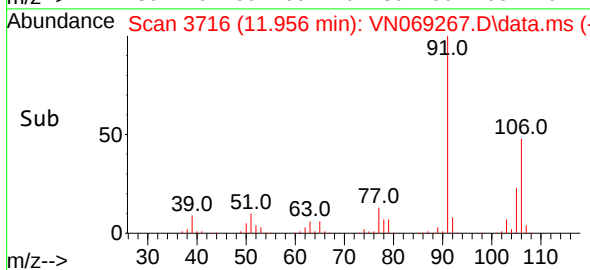
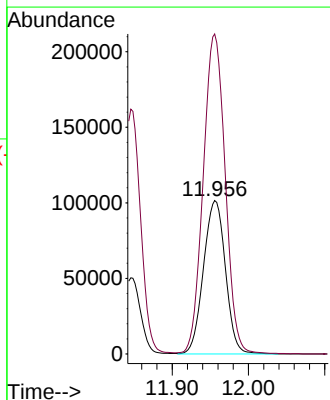
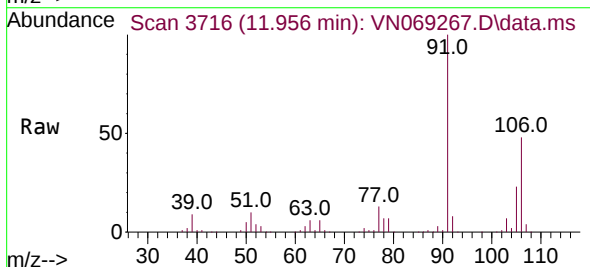
Manual Integrations
APPROVED

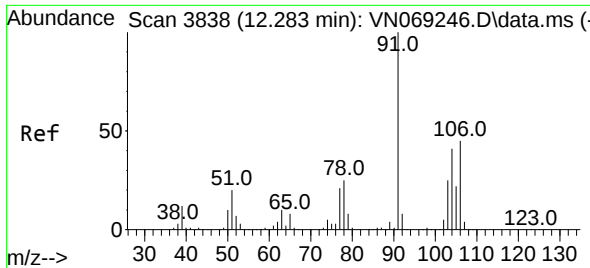
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#68
m/p-Xylenes
Concen: 40.527 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Tgt Ion:106 Resp: 203137
Ion Ratio Lower Upper
106 100
91 209.1 166.8 250.2





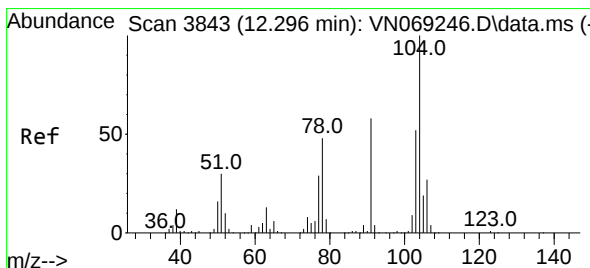
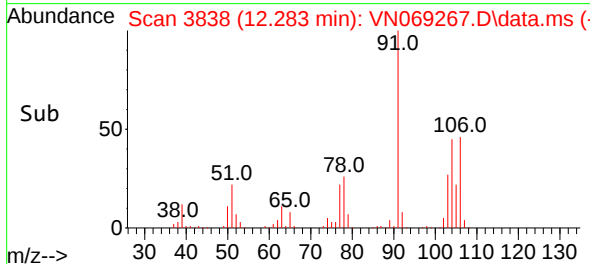
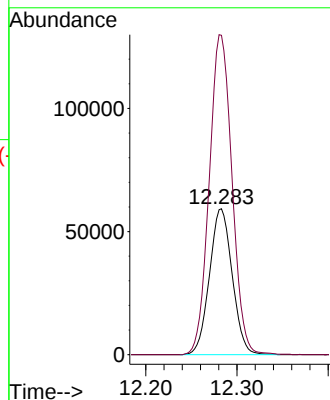
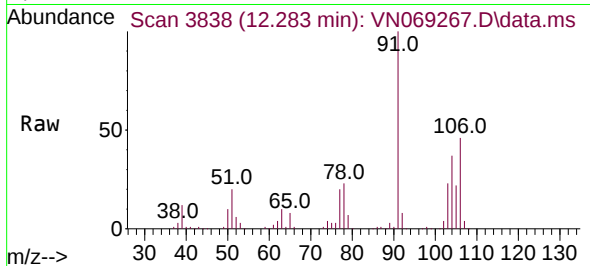
#69
o-Xylene
Concen: 20.384 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:106 Resp: 102830
Ion Ratio Lower Upper
106 100
91 219.5 109.6 328.6

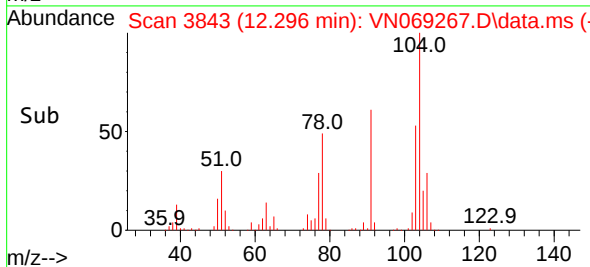
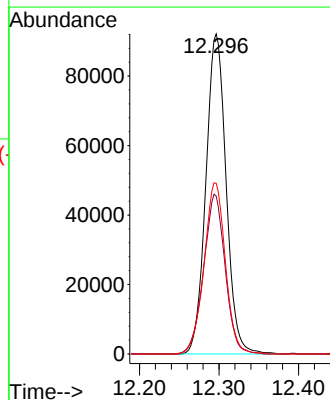
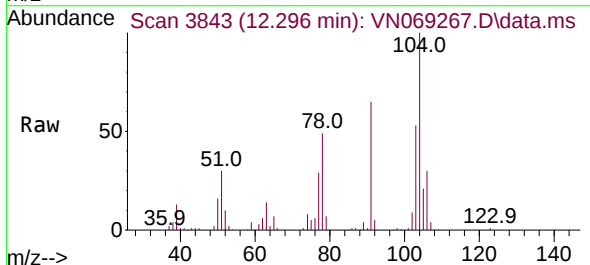
Manual Integrations
APPROVED

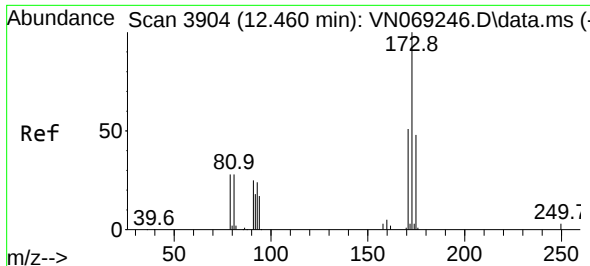
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#70
Styrene
Concen: 18.741 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

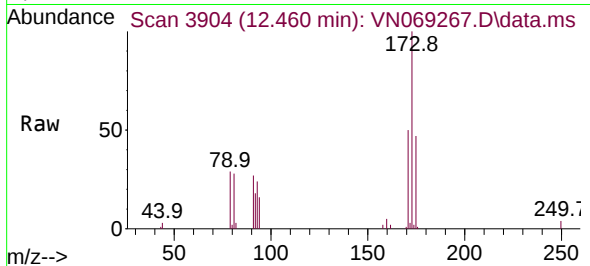
Tgt Ion:104 Resp: 163233
Ion Ratio Lower Upper
104 100
78 53.0 42.2 63.4
103 56.4 44.4 66.6





#71
Bromoform
Concen: 17.430 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

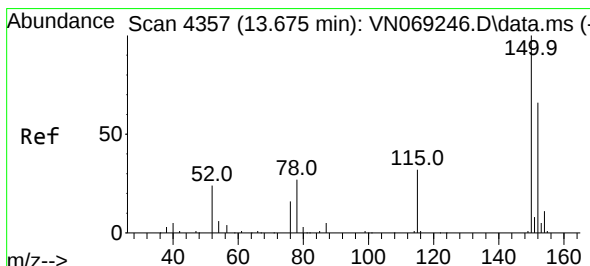
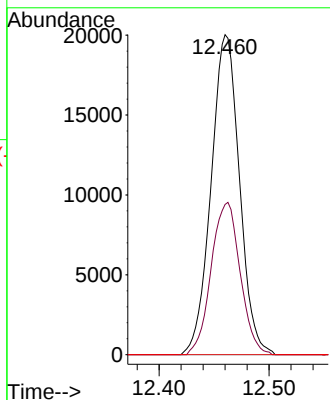
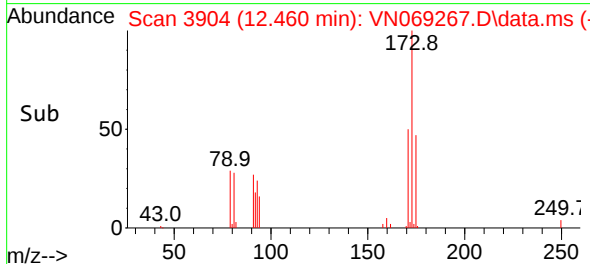
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



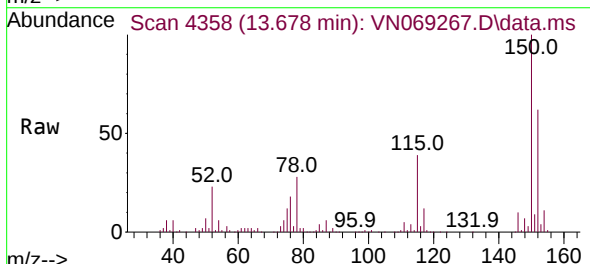
Tgt Ion:173 Resp: 35934
Ion Ratio Lower Upper
173 100
175 48.5 23.8 71.5
254 0.0 0.0 0.0

Manual Integrations
APPROVED

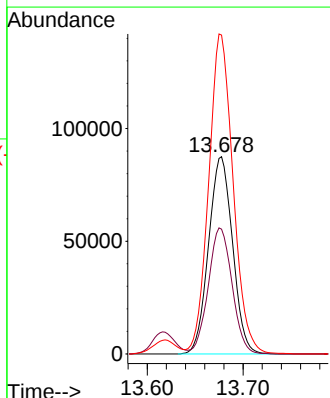
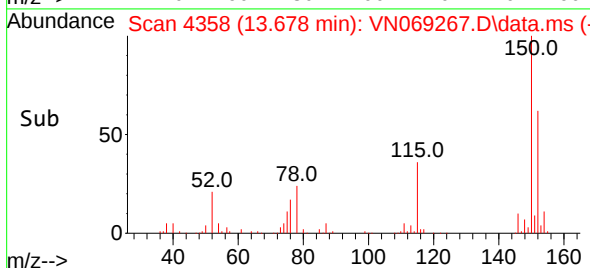
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

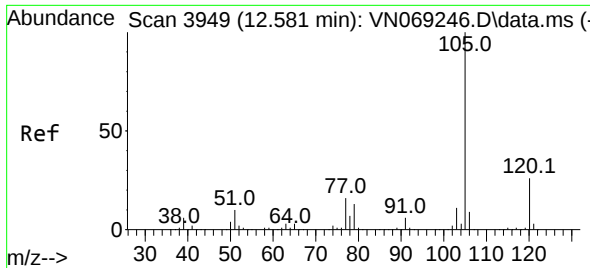


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36



Tgt Ion:152 Resp: 152279
Ion Ratio Lower Upper
152 100
115 63.3 31.4 94.3
150 165.1 0.0 351.0





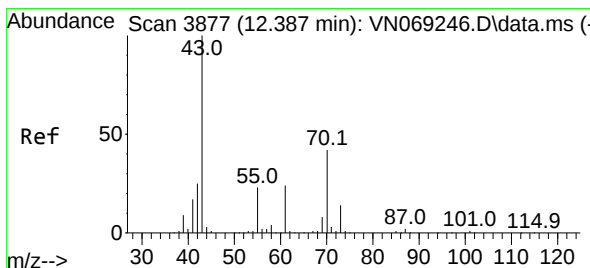
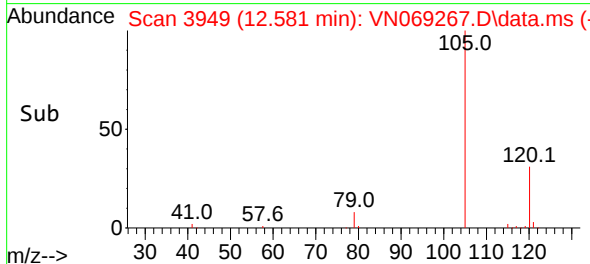
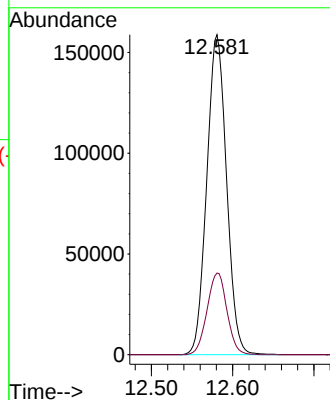
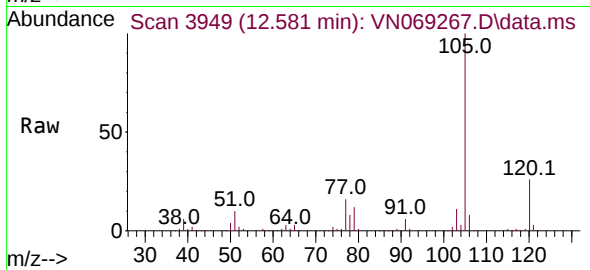
#73
Isopropylbenzene
Concen: 20.960 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:105 Resp: 26829
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.3

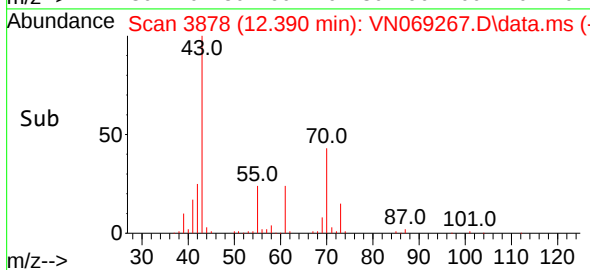
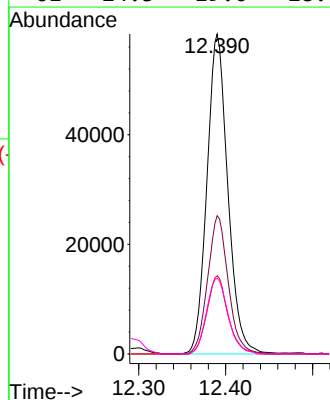
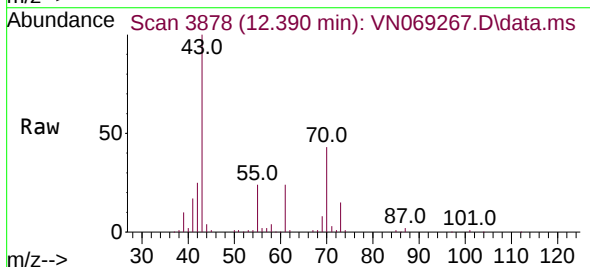
Manual Integrations
APPROVED

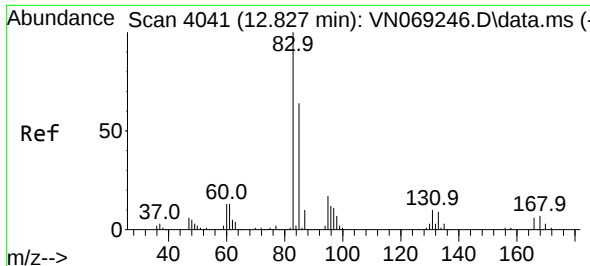
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#74
N-ethyl acetate
Concen: 19.327 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

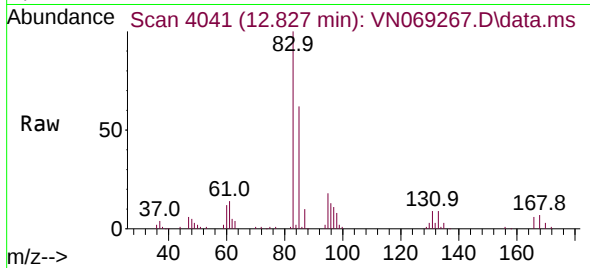
Tgt Ion: 43 Resp: 97454
Ion Ratio Lower Upper
43 100
70 42.7 32.2 48.2
55 24.5 18.0 27.0
61 24.3 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 21.978 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

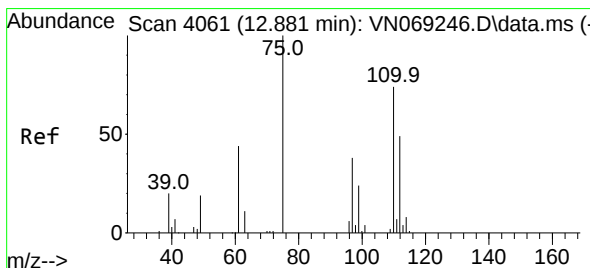
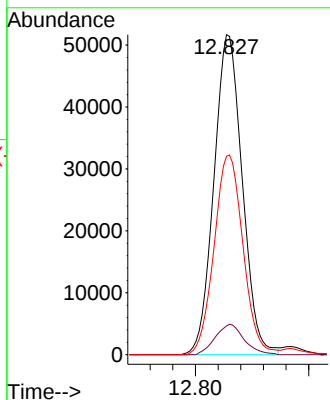
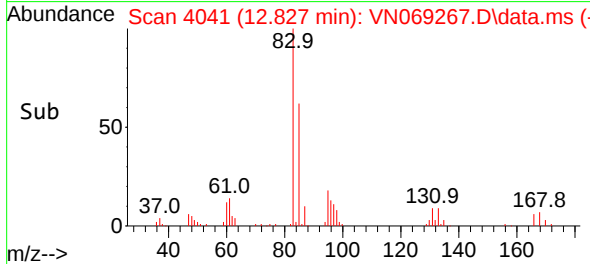
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 83 Resp: 8980
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.2
85 63.5 32.3 96.8

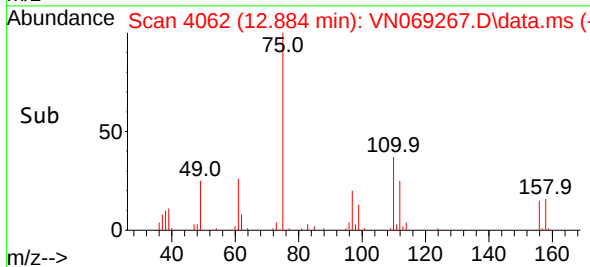
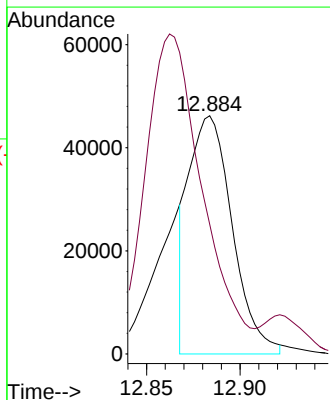
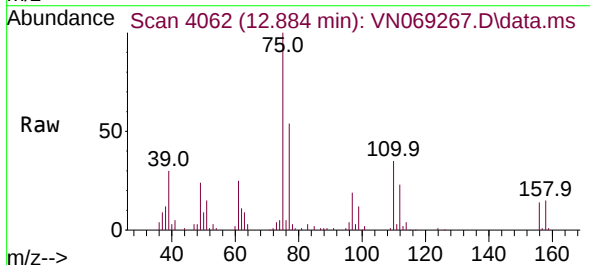
Manual Integrations
APPROVED

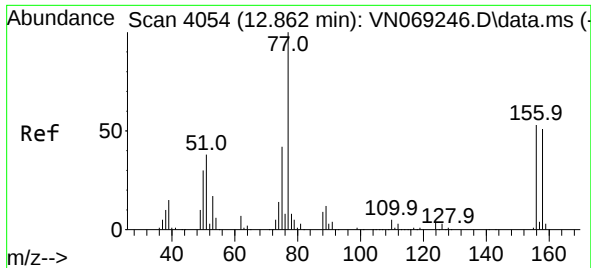
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#76
1,2,3-Trichloropropane
Concen: 18.745 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Tgt Ion: 75 Resp: 75077
Ion Ratio Lower Upper
75 100
77 0.0 96.2 288.4#





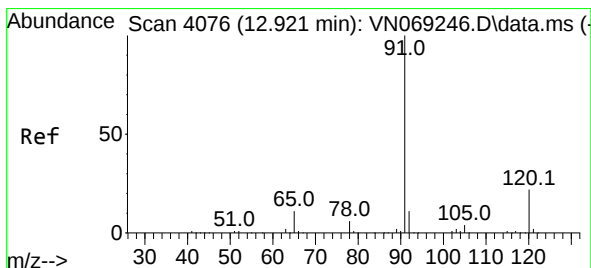
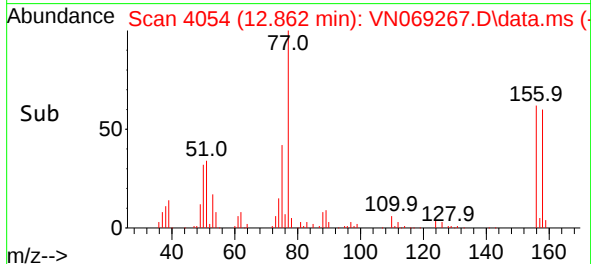
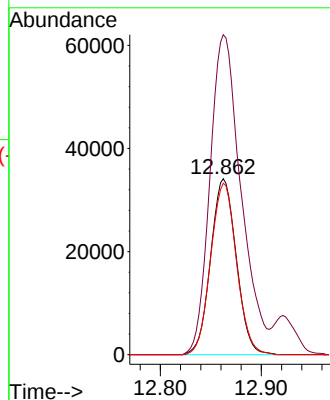
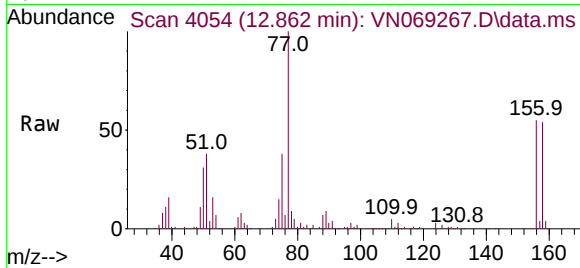
#77
Bromobenzene
Concen: 20.059 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:156 Resp: 60233
Ion Ratio Lower Upper
156 100
77 220.2 111.8 335.3
158 98.2 48.4 145.0

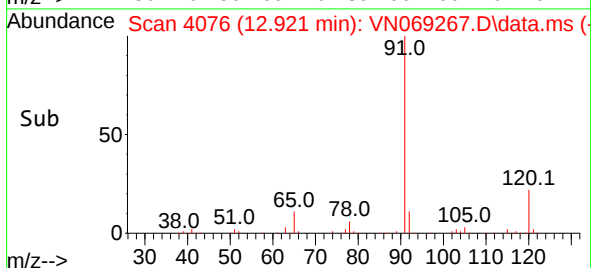
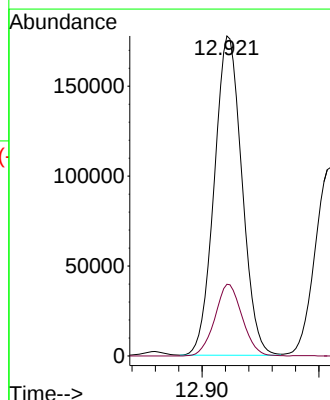
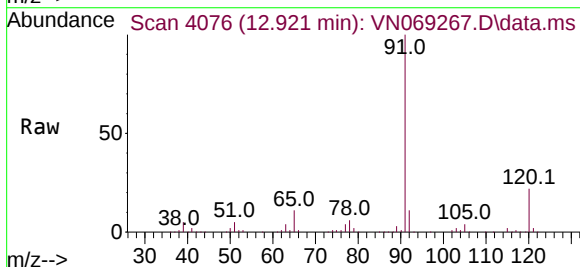
Manual Integrations
APPROVED

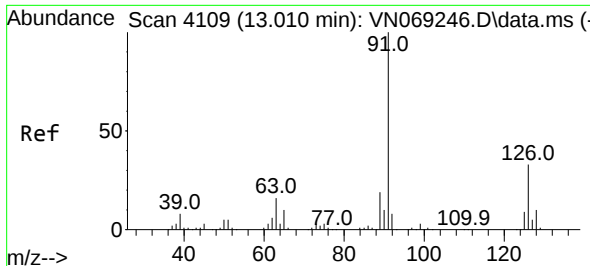
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#78
n-propylbenzene
Concen: 20.136 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Tgt Ion: 91 Resp: 291744
Ion Ratio Lower Upper
91 100
120 22.2 11.4 34.1





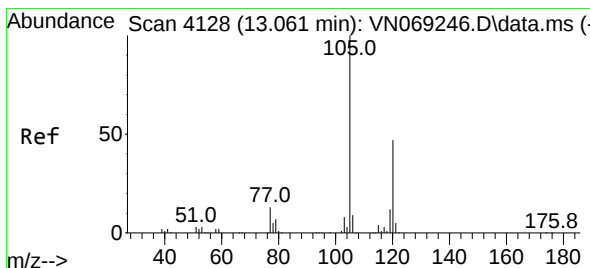
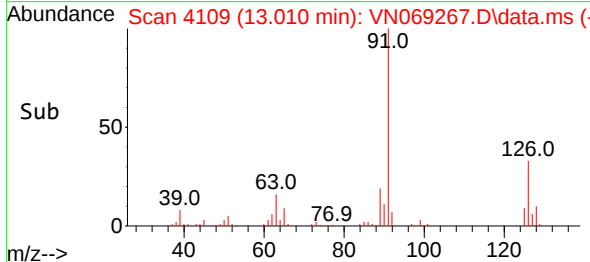
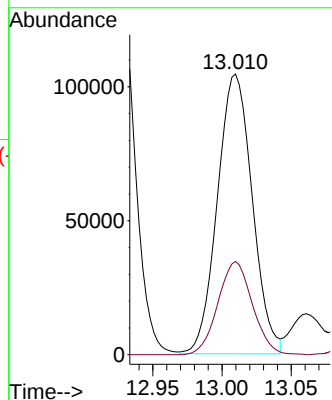
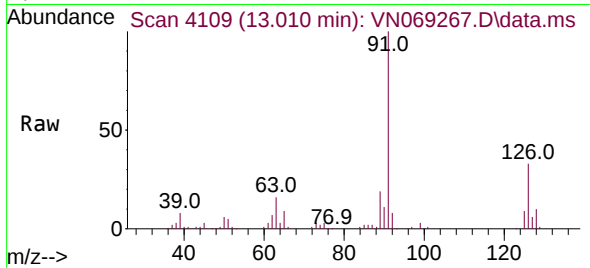
#79
2-Chlorotoluene
Concen: 20.079 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 91 Resp: 183221
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

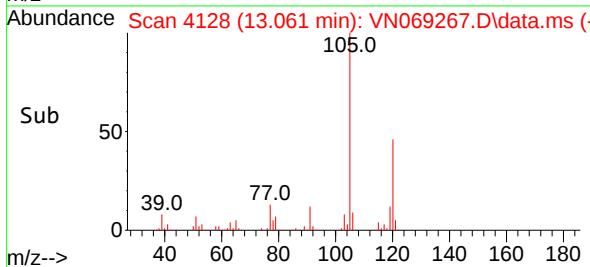
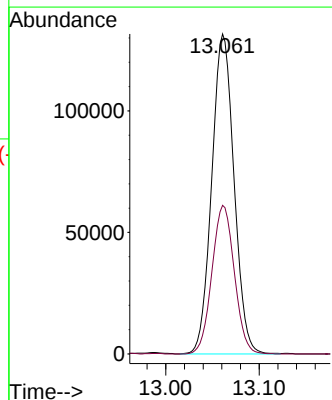
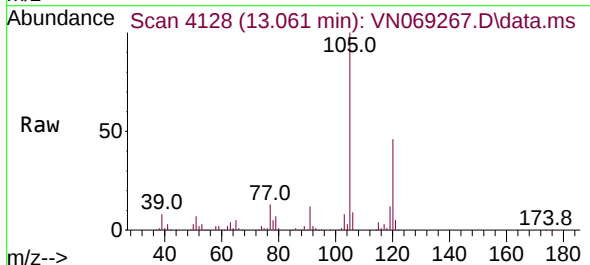
Manual Integrations
APPROVED

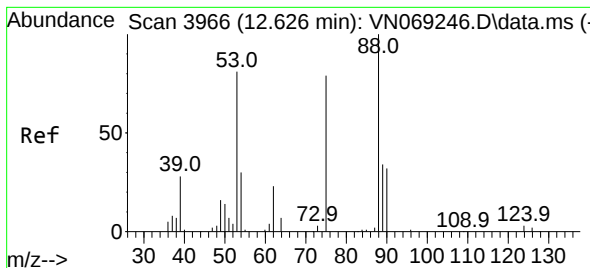
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.536 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Tgt Ion:105 Resp: 218221
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.2





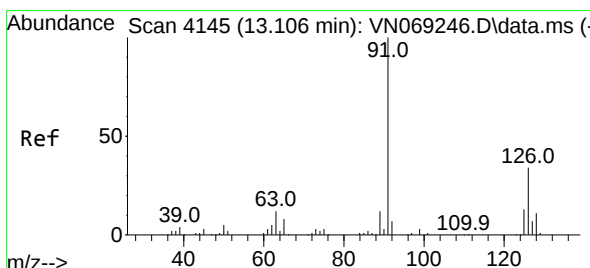
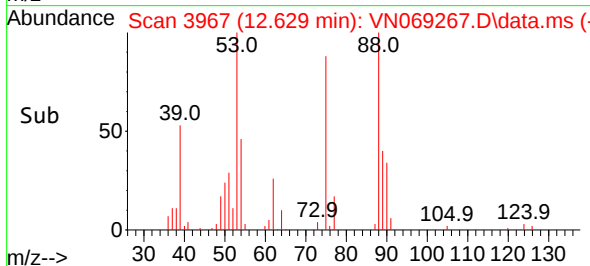
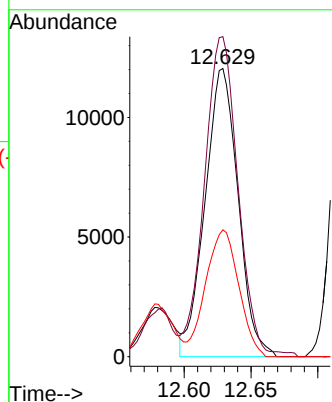
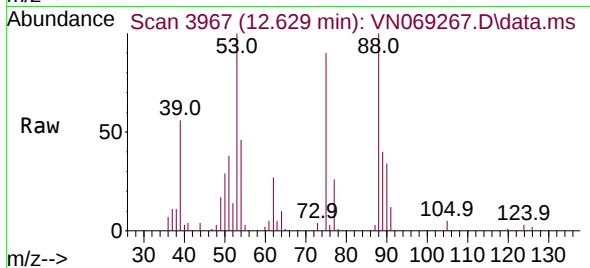
#81
trans-1,4-Dichloro-2-butene
Concen: 18.190 ug/l
RT: 12.629 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 75 Resp: 20740
Ion Ratio Lower Upper
75 100
53 112.8 75.4 113.2
89 43.9 36.9 55.3

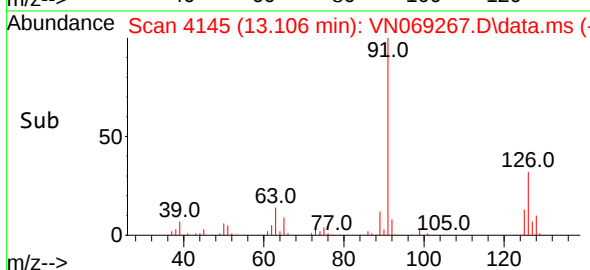
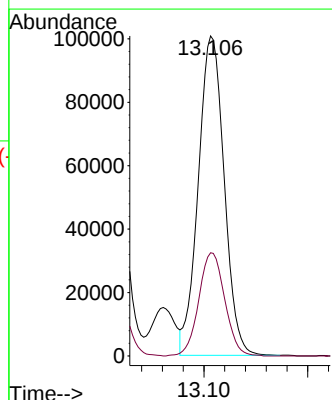
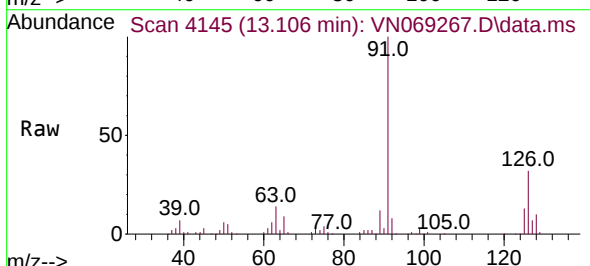
Manual Integrations
APPROVED

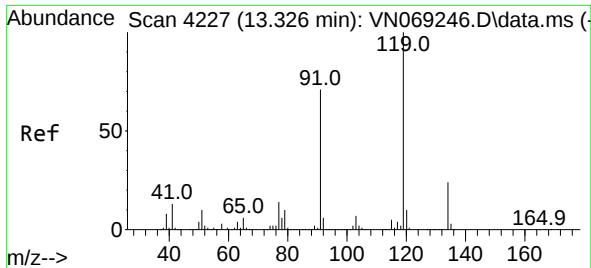
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#82
4-Chlorotoluene
Concen: 19.380 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Tgt Ion: 91 Resp: 174425
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8





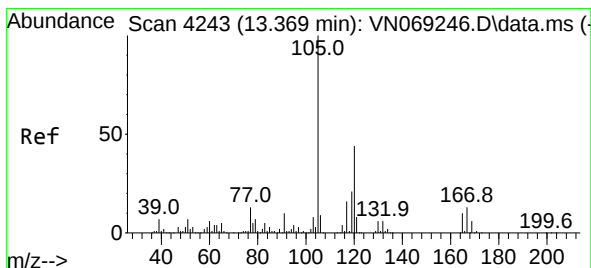
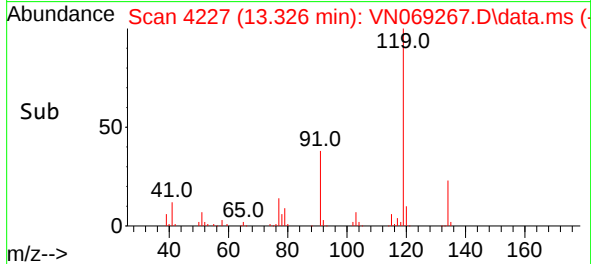
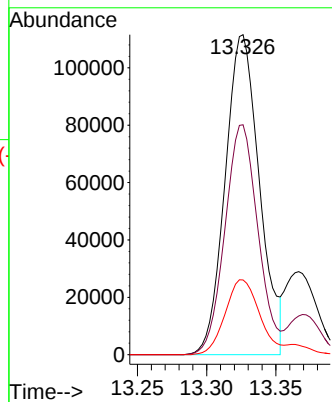
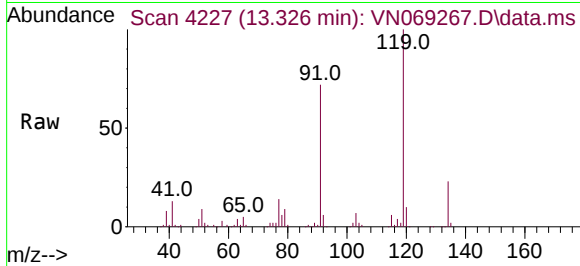
#83
tert-Butylbenzene
Concen: 20.764 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:119 Resp: 192509
Ion Ratio Lower Upper
119 100
91 69.2 34.6 103.9
134 23.6 12.6 37.6

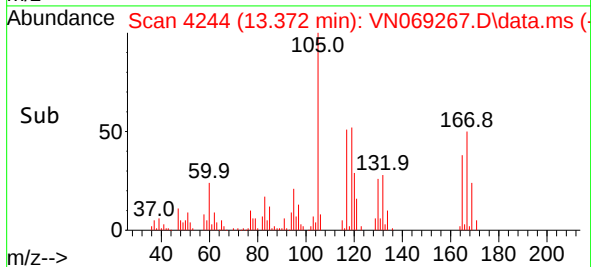
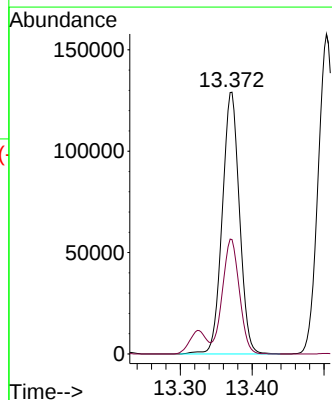
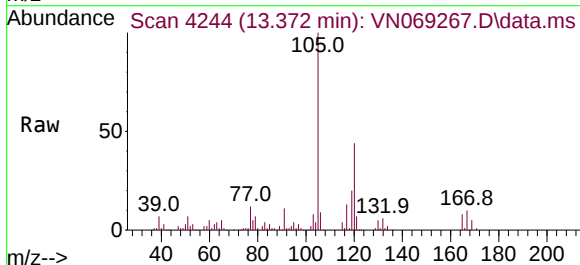
Manual Integrations
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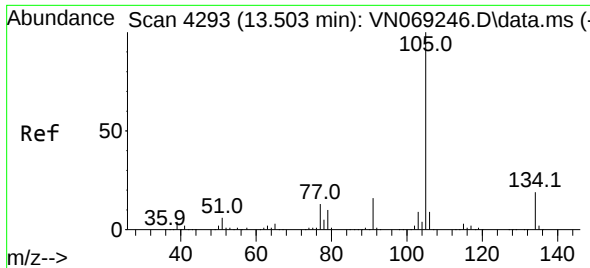
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#84
1,2,4-Trimethylbenzene
Concen: 20.574 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Tgt Ion:105 Resp: 213832
Ion Ratio Lower Upper
105 100
120 43.3 21.9 65.5





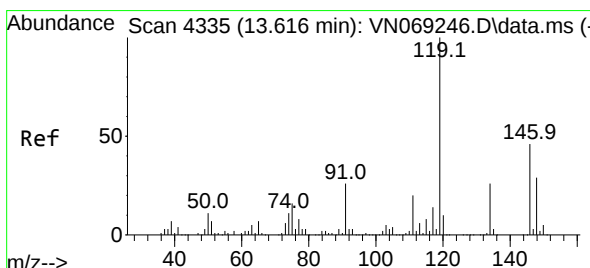
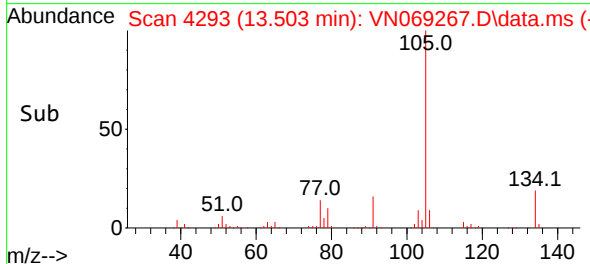
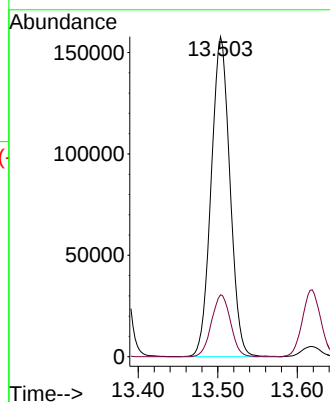
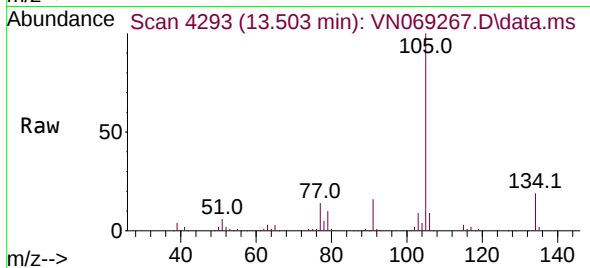
#85
 sec-Butylbenzene
 Concen: 20.131 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069267.D
 Acq: 28 Oct 2021 23:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS02

Tgt Ion:105 Resp: 25859
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

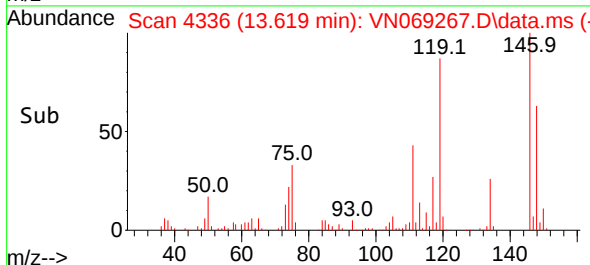
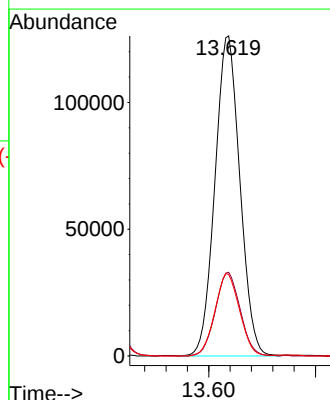
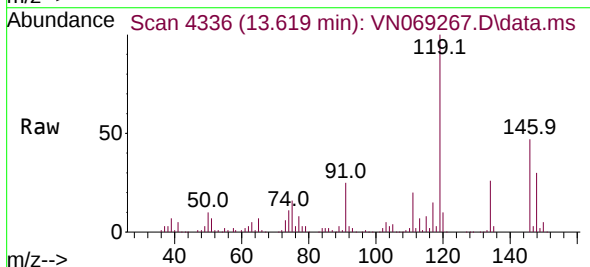
Manual Integrations
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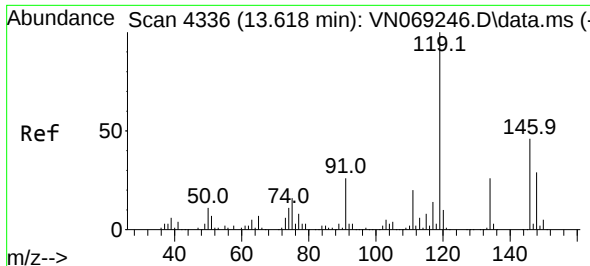
Reviewed By :John Carlone 11/01/2021
 Supervised By :Mahesh Dadoda 11/01/2021



#86
 p-Isopropyltoluene
 Concen: 20.001 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.003 min
 Lab File: VN069267.D
 Acq: 28 Oct 2021 23:36

Tgt Ion:119 Resp: 204898
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 25.5 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 19.524 ug/l

RT: 13.619 min Scan# 4336

Delta R.T. 0.001 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion:146 Resp: 102570

Ion Ratio Lower Upper

146 100

111 42.5 21.4 64.2

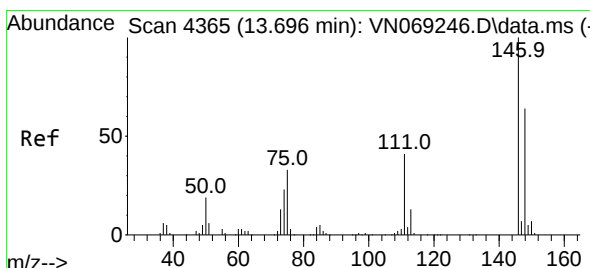
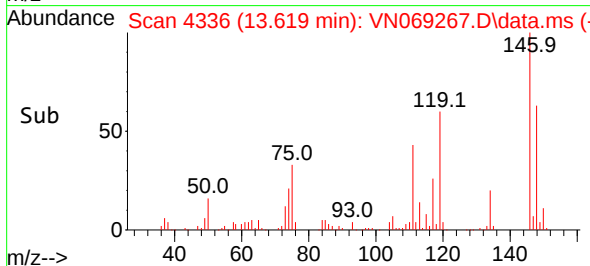
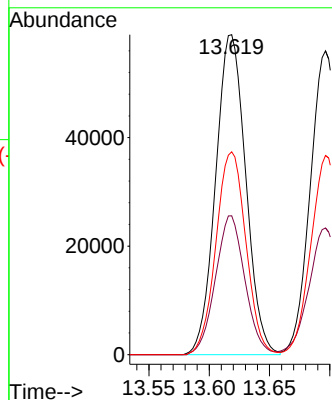
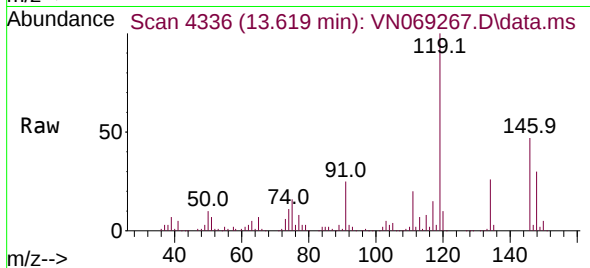
148 63.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#88

1,4-Dichlorobenzene

Concen: 19.499 ug/l

RT: 13.696 min Scan# 4365

Delta R.T. 0.000 min

Lab File: VN069267.D

Acq: 28 Oct 2021 23:36

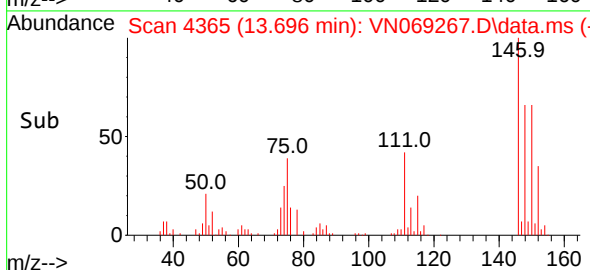
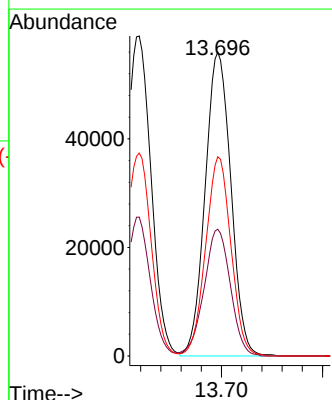
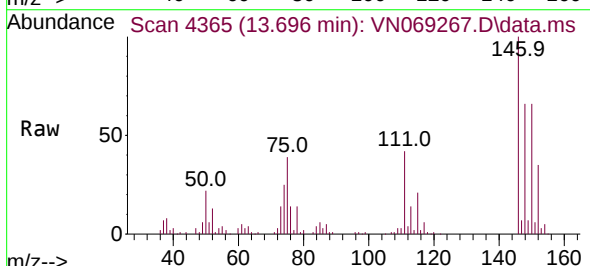
Tgt Ion:146 Resp: 99239

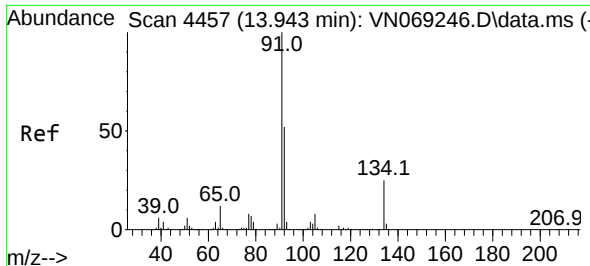
Ion Ratio Lower Upper

146 100

111 42.8 20.6 61.8

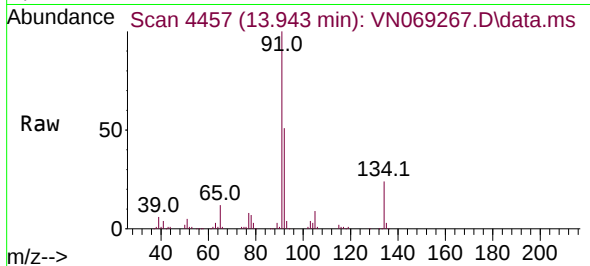
148 64.4 32.1 96.5





#89
n-Butylbenzene
Concen: 18.135 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

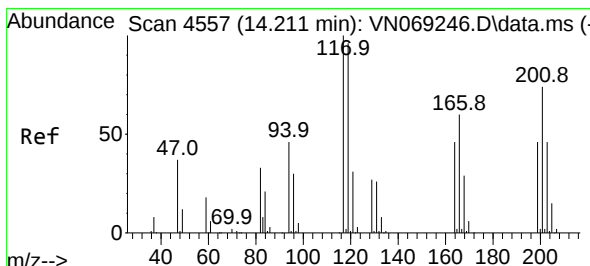
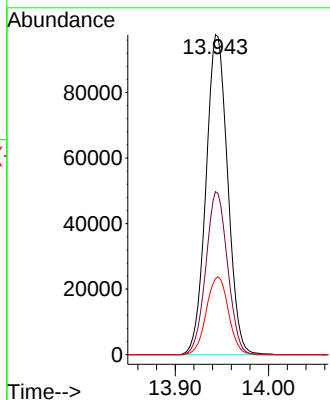
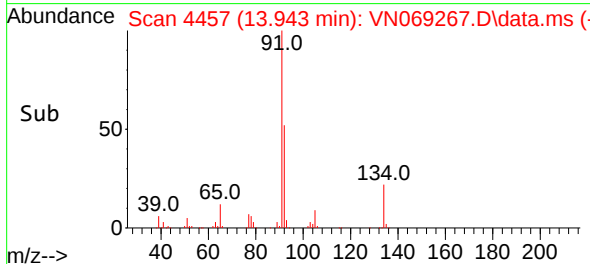
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 91 Resp: 157335
Ion Ratio Lower Upper
91 100
92 51.1 26.0 78.0
134 24.8 12.5 37.5

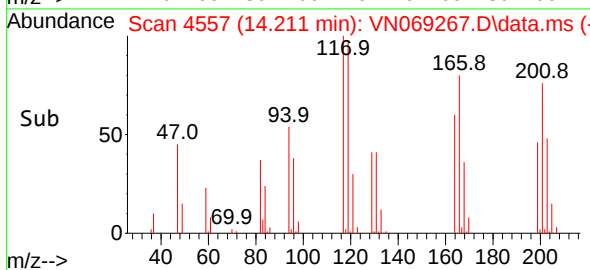
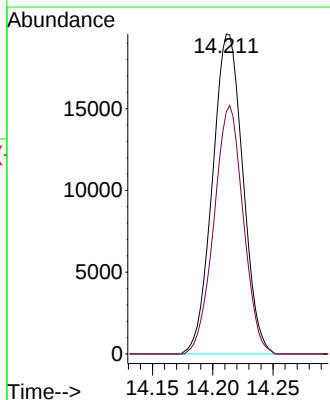
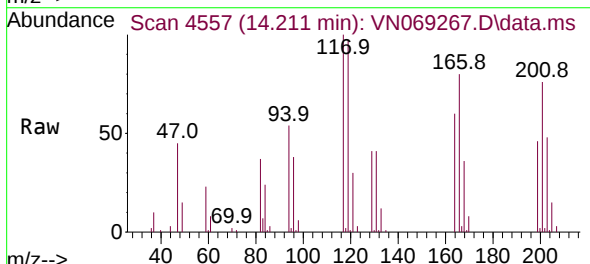
Manual Integrations
APPROVED

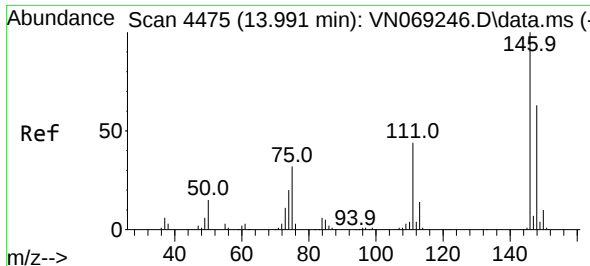
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#90
Hexachloroethane
Concen: 18.277 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

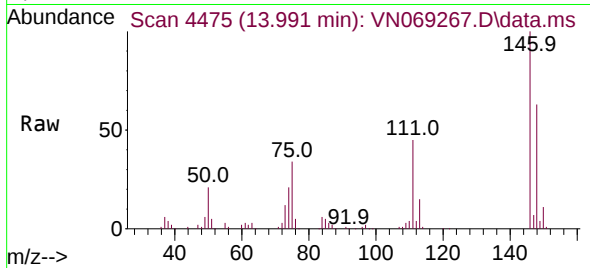
Tgt Ion:117 Resp: 34356
Ion Ratio Lower Upper
117 100
201 74.7 37.1 111.5





#91
1,2-Dichlorobenzene
Concen: 19.551 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

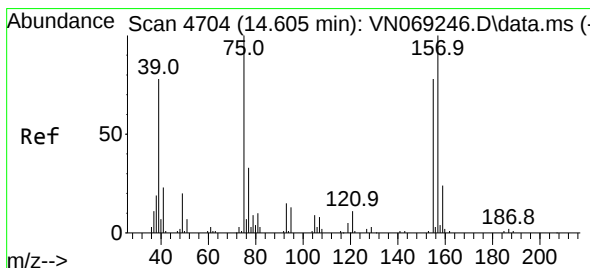
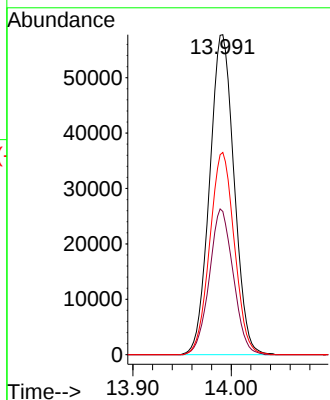
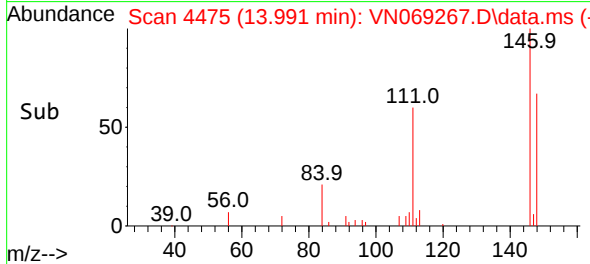
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



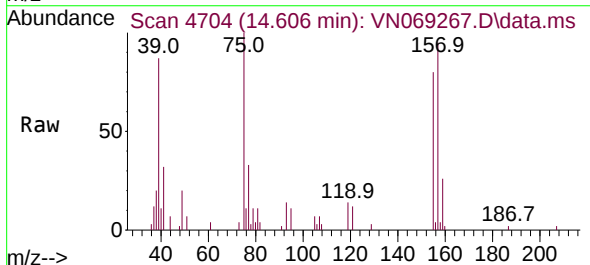
Tgt Ion:146 Resp: 100060
Ion Ratio Lower Upper
146 100
111 44.4 22.0 66.0
148 63.7 32.1 96.5

Manual Integrations
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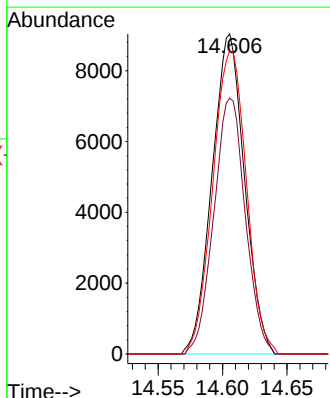
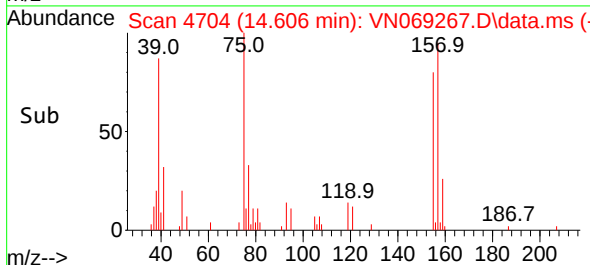
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

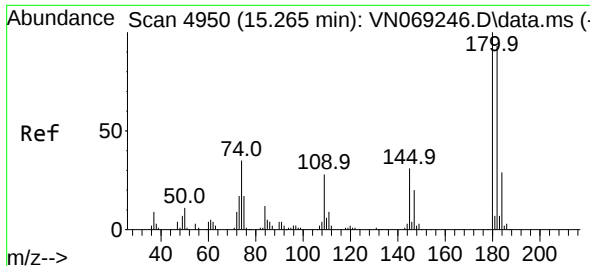


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.752 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.001 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36



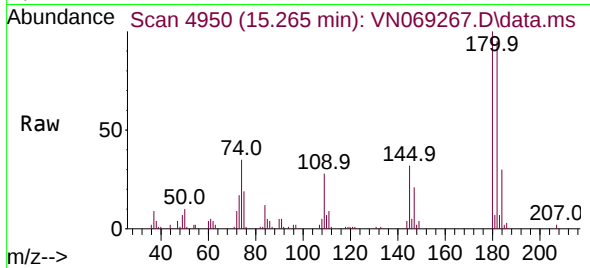
Tgt Ion: 75 Resp: 15855
Ion Ratio Lower Upper
75 100
155 77.6 38.8 116.4
157 98.0 50.2 150.6





#93
1,2,4-Trichlorobenzene
Concen: 18.906 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

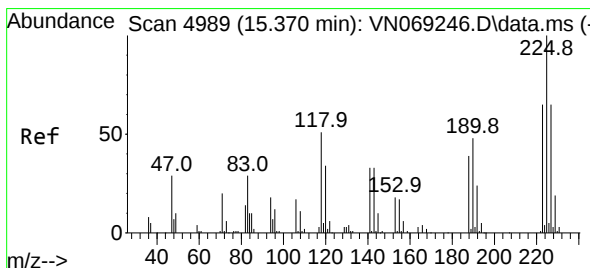
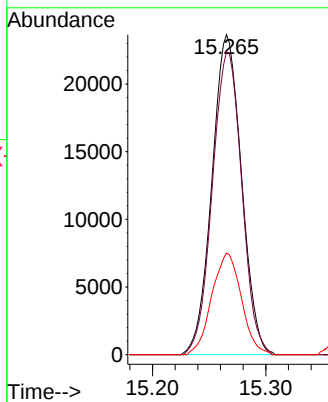
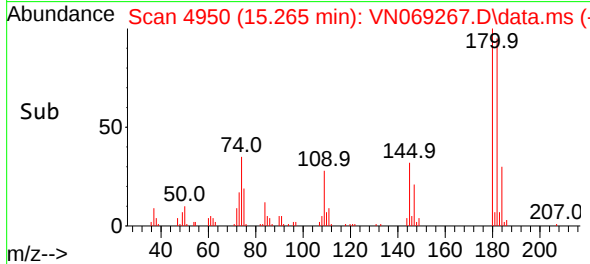
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion:180 Resp: 4273
Ion Ratio Lower Upper
180 100
182 94.2 47.9 143.7
145 31.8 16.4 49.2

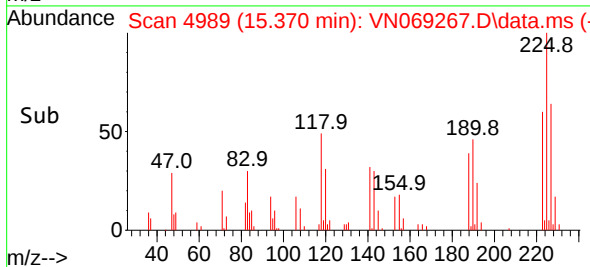
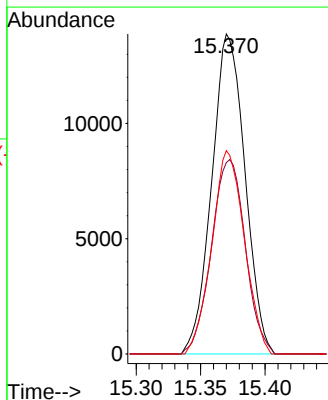
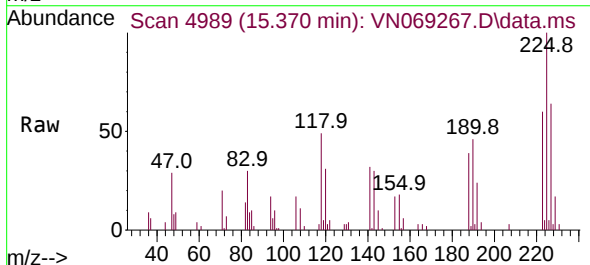
Manual Integrations
APPROVED

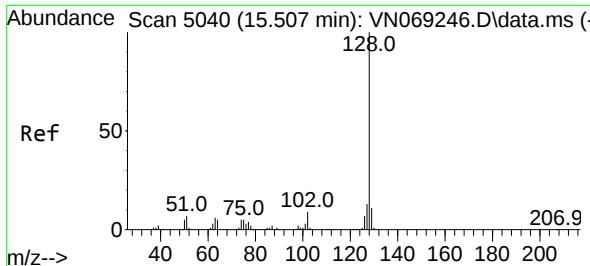
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#94
Hexachlorobutadiene
Concen: 19.740 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

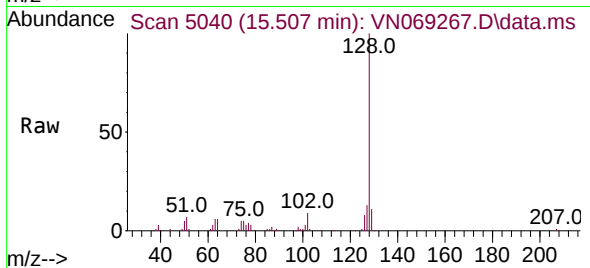
Tgt Ion:225 Resp: 24862
Ion Ratio Lower Upper
225 100
223 61.9 31.5 94.5
227 62.3 31.6 94.7





#95
Naphthalene
Concen: 19.701 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

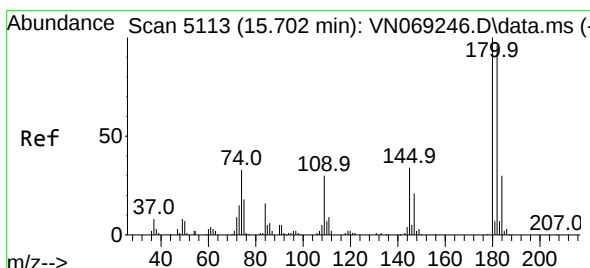
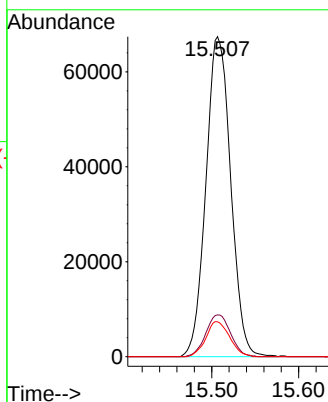
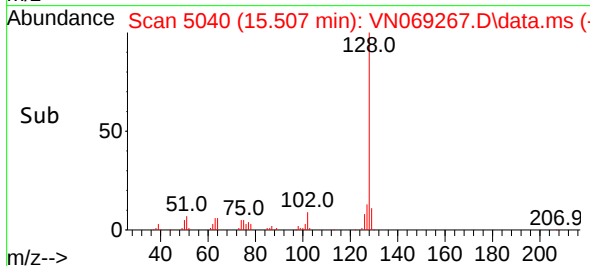
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion:128 Resp: 13358
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.5 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.620 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069267.D
Acq: 28 Oct 2021 23:36

Tgt Ion:180 Resp: 44007
Ion Ratio Lower Upper
180 100
182 96.0 48.1 144.3
145 33.6 17.4 52.2

