

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075251.D
 Acq On : 11 Nov 2022 16:29
 Operator : JC\MD
 Sample : VN1111WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2022
 Supervised By : Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 03:47:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	115275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	212119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	192554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74312	47.845	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.680%		
35) Dibromofluoromethane	8.171	113	65440	52.552	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.100%		
50) Toluene-d8	10.571	98	232449	48.114	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.220%		
62) 4-Bromofluorobenzene	12.853	95	85434	50.341	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	26373	17.587	ug/l	92
3) Chloromethane	2.371	50	25998	16.322	ug/l	98
4) Vinyl Chloride	2.524	62	36745	16.171	ug/l	97
5) Bromomethane	2.918	94	32444	16.710	ug/l	95
6) Chloroethane	3.095	64	27411	16.822	ug/l	97
7) Trichlorofluoromethane	3.489	101	45786	19.725	ug/l	94
8) Diethyl Ether	3.971	74	16900	19.961	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	25965	20.254	ug/l	97
10) Methyl Iodide	4.595	142	37769	19.790	ug/l	99
11) Tert butyl alcohol	5.542	59	33056	91.262	ug/l	97
12) 1,1-Dichloroethene	4.342	96	23441	19.183	ug/l	87
13) Acrolein	4.189	56	17842	60.223	ug/l	98
14) Allyl chloride	5.030	41	32746	18.349	ug/l	93
15) Acrylonitrile	5.736	53	71242	93.109	ug/l	98
16) Acetone	4.442	43	59233	90.066	ug/l #	86
17) Carbon Disulfide	4.718	76	55095	17.930	ug/l	98
18) Methyl Acetate	5.042	43	40770	18.978	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	83961	18.487	ug/l	98
20) Methylene Chloride	5.283	84	29470	20.097	ug/l	90
21) trans-1,2-Dichloroethene	5.795	96	25918	19.372	ug/l	97
22) Diisopropyl ether	6.683	45	70440	17.885	ug/l	96
23) Vinyl Acetate	6.612	43	291688m	88.691	ug/l	
24) 1,1-Dichloroethane	6.577	63	46721	18.757	ug/l	97
25) 2-Butanone	7.494	43	95378	92.203	ug/l	100
26) 2,2-Dichloropropane	7.494	77	40725	17.772	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	31119	19.477	ug/l	98
28) Bromochloromethane	7.818	49	18920	18.019	ug/l	92
29) Tetrahydrofuran	7.847	42	61827	92.494	ug/l	99
30) Chloroform	7.977	83	52428	19.386	ug/l	97
31) Cyclohexane	8.259	56	43370	18.775	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	48037	19.560	ug/l	96
36) 1,1-Dichloropropene	8.371	75	37616	19.512	ug/l	98
37) Ethyl Acetate	7.571	43	36701	17.359	ug/l	95
38) Carbon Tetrachloride	8.371	117	42415	20.001	ug/l	96
39) Methylcyclohexane	9.606	83	48132	18.912	ug/l	94
40) Benzene	8.612	78	116473	19.732	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	18476	18.240	ug/l	98
42) 1,2-Dichloroethane	8.677	62	40291	18.761	ug/l	98
43) Isopropyl Acetate	8.694	43	58820	17.936	ug/l	98
44) Trichloroethene	9.359	130	30268	20.438	ug/l	90
45) 1,2-Dichloropropane	9.624	63	27578	19.632	ug/l	95
46) Dibromomethane	9.712	93	20870	19.069	ug/l	97
47) Bromodichloromethane	9.888	83	39804	18.781	ug/l	97
48) Methyl methacrylate	9.683	41	27110	18.021	ug/l	97
49) 1,4-Dioxane	9.700	88	16893	428.833	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	194896	92.095	ug/l	100
52) Toluene	10.635	92	77291	19.588	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	40364	18.044	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	44527	18.766	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	31213	19.950	ug/l	98
56) Ethyl methacrylate	10.877	69	43803	18.354	ug/l	99
57) 1,3-Dichloropropane	11.165	76	51113	19.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	86782	94.059	ug/l	99
59) 2-Hexanone	11.200	43	145988	90.892	ug/l	99
60) Dibromochloromethane	11.359	129	30473	18.461	ug/l	98
61) 1,2-Dibromoethane	11.471	107	31312	19.529	ug/l	97
64) Tetrachloroethene	11.106	164	27714	23.476	ug/l	99
65) Chlorobenzene	11.894	112	82904	20.171	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	30474	19.987	ug/l	99
67) Ethyl Benzene	11.965	91	143755	19.440	ug/l	97
68) m/p-Xylenes	12.071	106	116329	39.206	ug/l	99
69) o-Xylene	12.400	106	59132	20.152	ug/l	95
70) Styrene	12.412	104	91637	19.586	ug/l	98
71) Bromoform	12.582	173	21792	19.090	ug/l #	99
73) Isopropylbenzene	12.700	105	145300	18.845	ug/l	98
74) N-amyl acetate	12.494	43	51353	18.008	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	46548	18.533	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	42393m	20.789	ug/l	
77) Bromobenzene	12.982	156	33391	19.668	ug/l	96
78) n-propylbenzene	13.035	91	168932	19.515	ug/l	99
79) 2-Chlorotoluene	13.129	91	102589	19.394	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	127830	19.739	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	12262	15.436	ug/l	91
82) 4-Chlorotoluene	13.129	91	102589	19.394	ug/l	99
83) tert-Butylbenzene	13.441	119	112451	19.542	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	130857	19.971	ug/l	100
85) sec-Butylbenzene	13.618	105	157290	19.539	ug/l	99
86) p-Isopropyltoluene	13.729	119	131706	19.811	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	66140	19.897	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	67369	20.479	ug/l	98
89) n-Butylbenzene	14.059	91	105316	19.672	ug/l	100
90) Hexachloroethane	14.335	117	21935	17.995	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	65920	19.948	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9418	18.109	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	31976	22.486	ug/l	97
94) Hexachlorobutadiene	15.506	225	14831	21.394	ug/l	94
95) Naphthalene	15.641	128	110788	20.259	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	30048	21.266	ug/l	98

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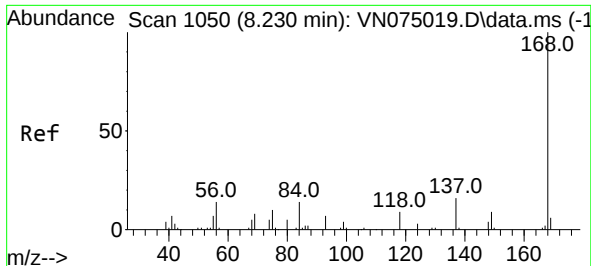
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

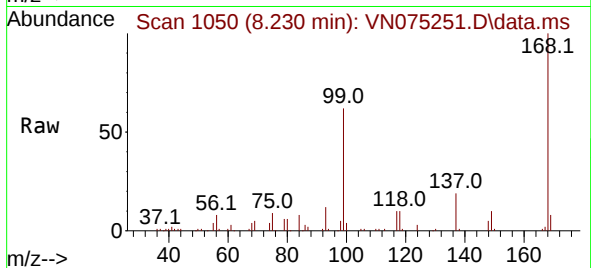
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075251.D
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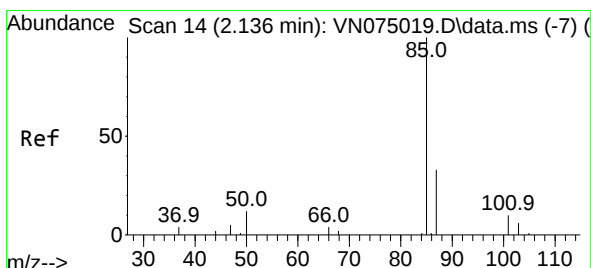
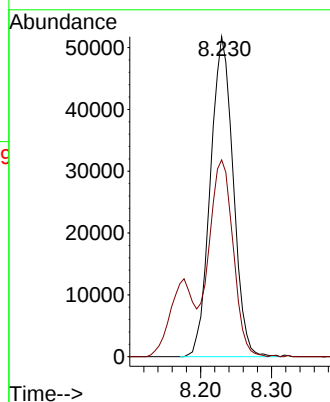
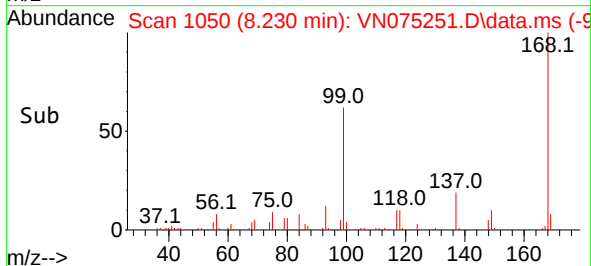
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion:168 Resp: 115279
Ion Ratio Lower Upper
168 100
99 61.5 51.6 77.4

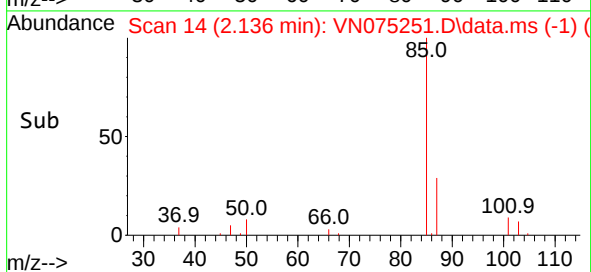
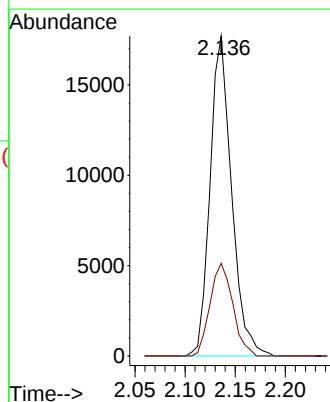
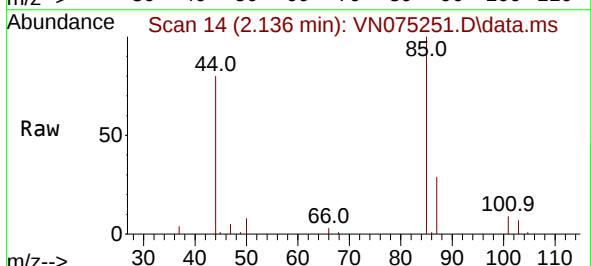
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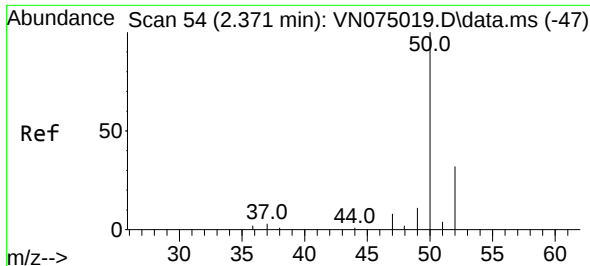
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#2
Dichlorodifluoromethane
Concen: 17.587 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion: 85 Resp: 26373
Ion Ratio Lower Upper
85 100
87 28.9 16.7 50.0





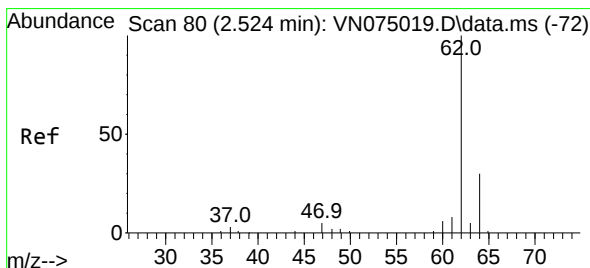
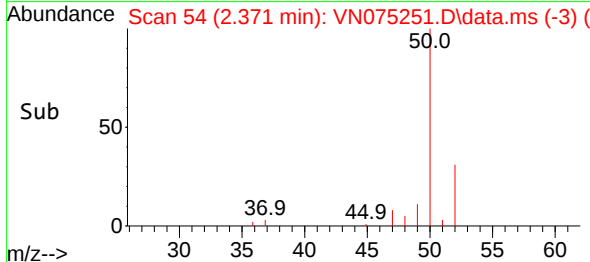
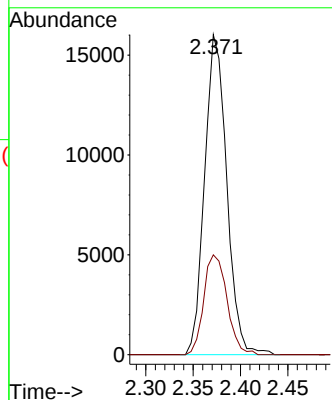
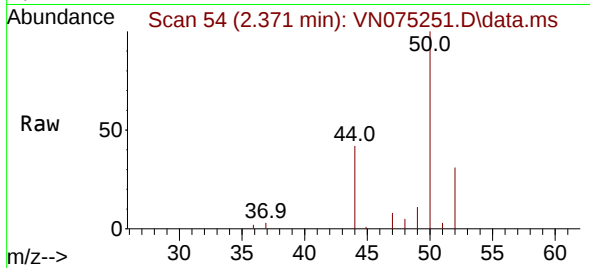
#3
Chloromethane
Concen: 16.322 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

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Tgt Ion: 50 Resp: 25998
Ion Ratio Lower Upper
50 100
52 31.2 25.8 38.6

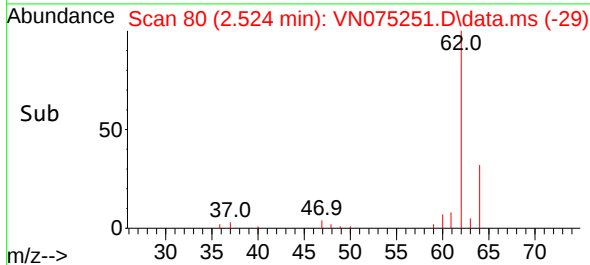
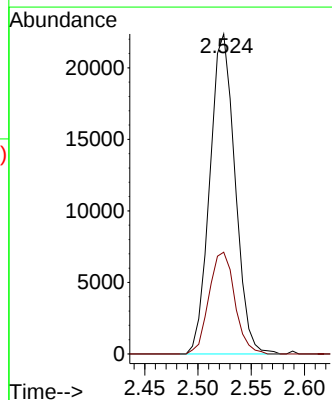
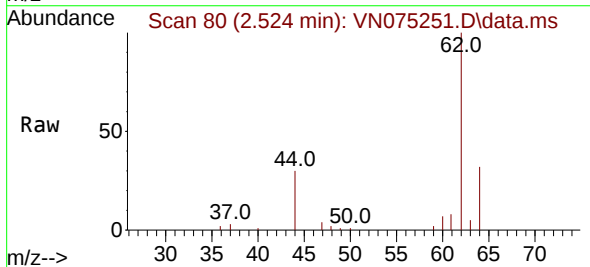
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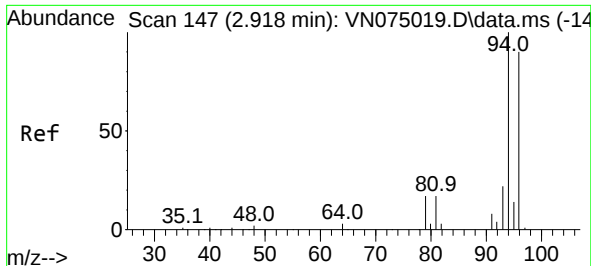
Reviewed By :John Carlone 11/14/2022
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#4
Vinyl Chloride
Concen: 16.171 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

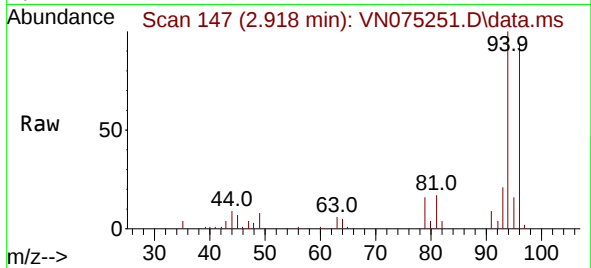
Tgt Ion: 62 Resp: 36745
Ion Ratio Lower Upper
62 100
64 31.8 24.0 36.0





#5
Bromomethane
Concen: 16.710 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

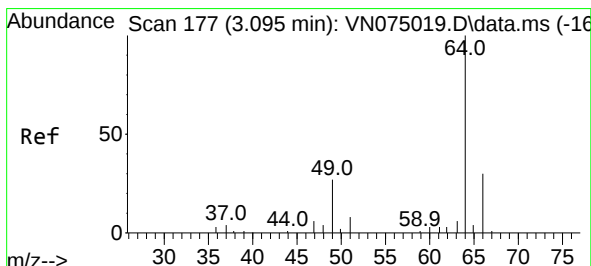
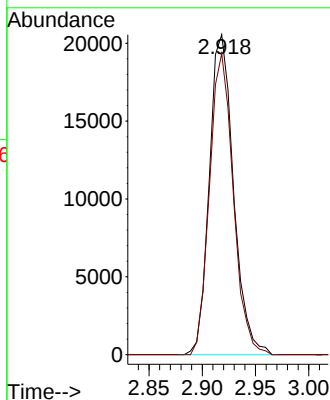
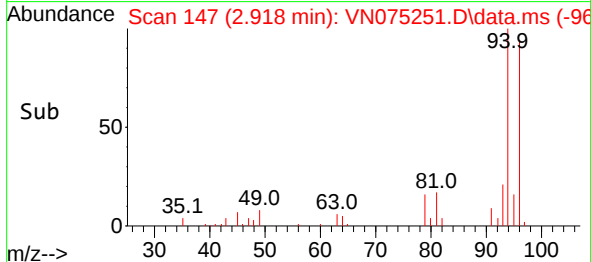
Instrument :
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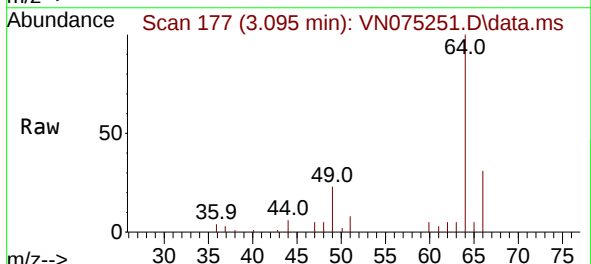
Tgt Ion: 94 Resp: 3244
Ion Ratio Lower Upper
94 100
96 94.1 71.8 107.6

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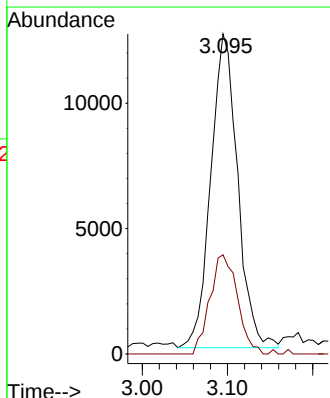
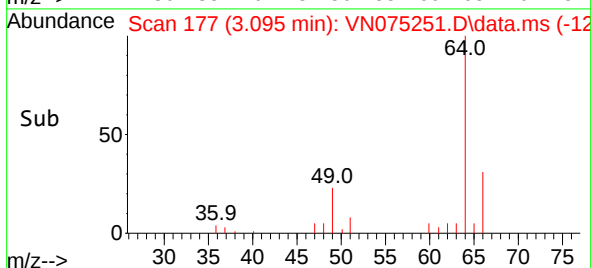
Reviewed By :John Carlone 11/14/2022
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#6
Chloroethane
Concen: 16.822 ug/l
RT: 3.095 min Scan# 177
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29



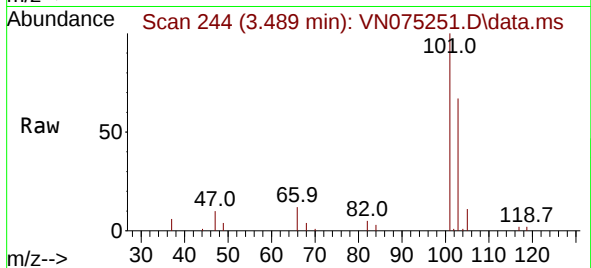
Tgt Ion: 64 Resp: 27411
Ion Ratio Lower Upper
64 100
66 31.6 23.8 35.8





#7
Trichlorofluoromethane
Concen: 19.725 ug/l
RT: 3.489 min Scan# 244
Delta R.T. -0.000 min
Lab File: VN075251.D
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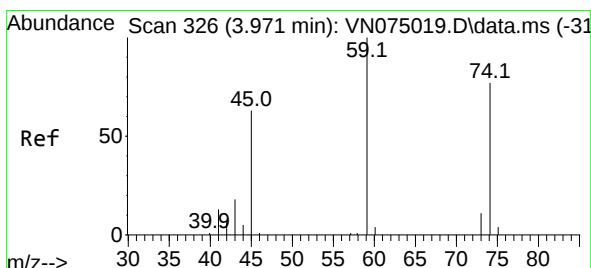
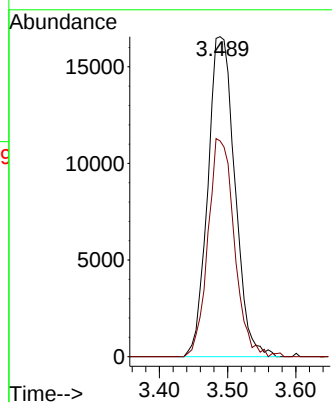
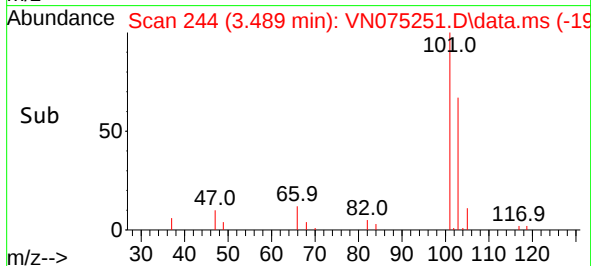
Instrument :
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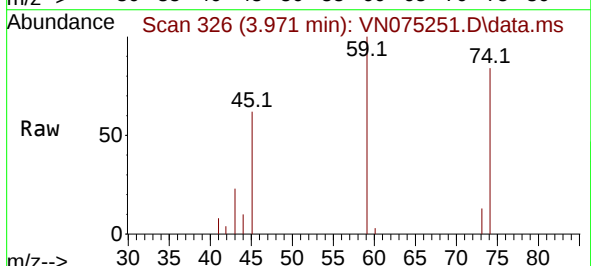
Tgt Ion:101 Resp: 45780
Ion Ratio Lower Upper
101 100
103 67.5 50.5 75.7

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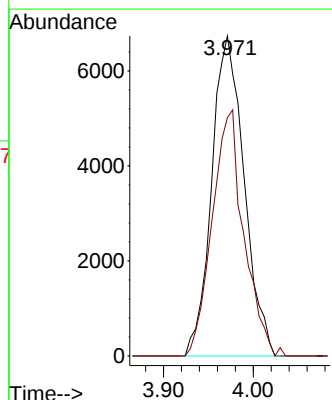
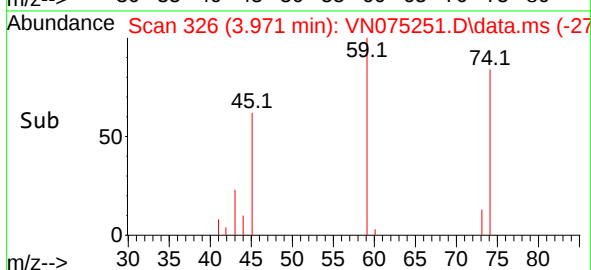
Reviewed By :John Carlone 11/14/2022
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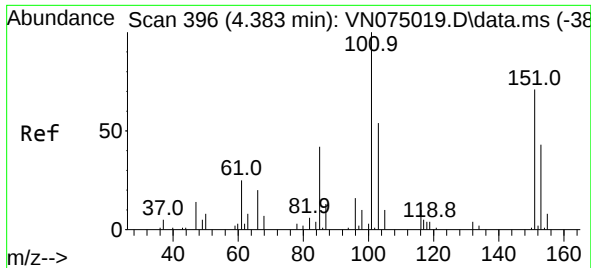


#8
Diethyl Ether
Concen: 19.961 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075251.D
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Tgt Ion: 74 Resp: 16900
Ion Ratio Lower Upper
74 100
45 75.0 39.3 117.9





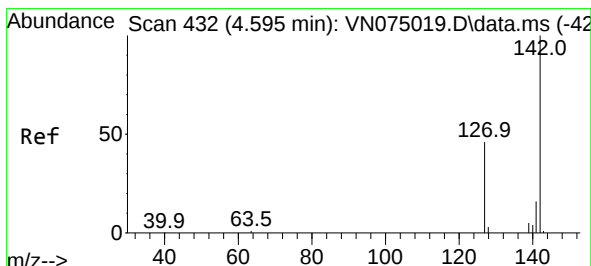
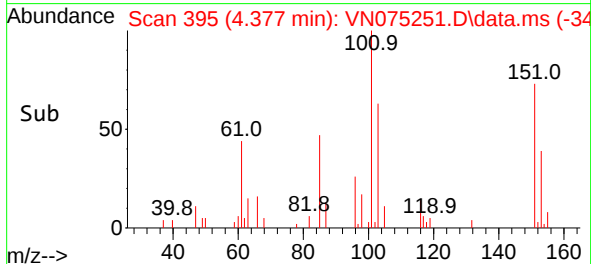
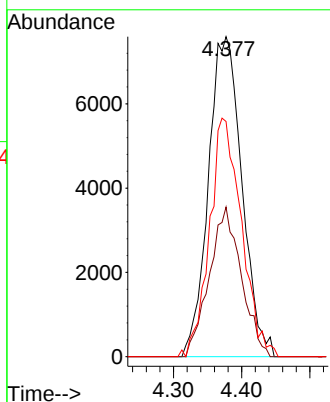
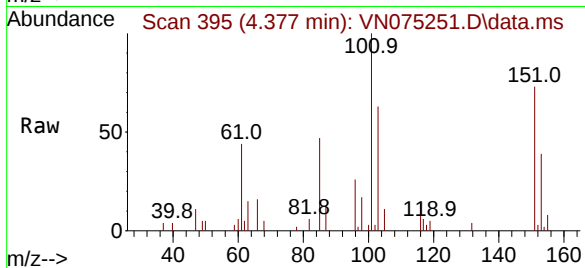
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.254 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075251.D
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Tgt Ion:101 Resp: 2596
Ion Ratio Lower Upper
101 100
85 44.5 37.6 56.4
151 71.1 58.3 87.5

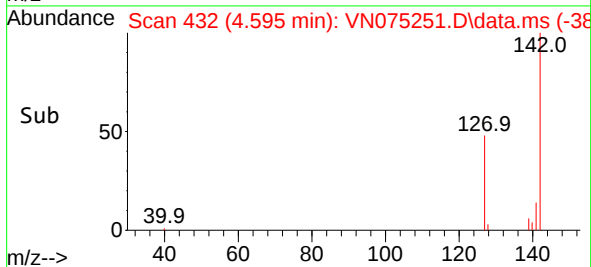
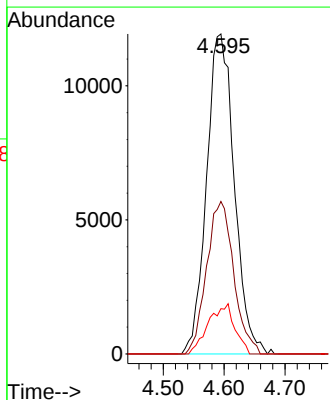
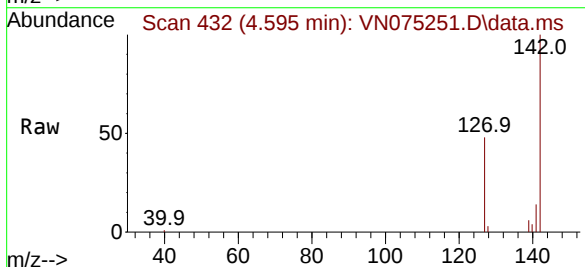
Manual Integrations
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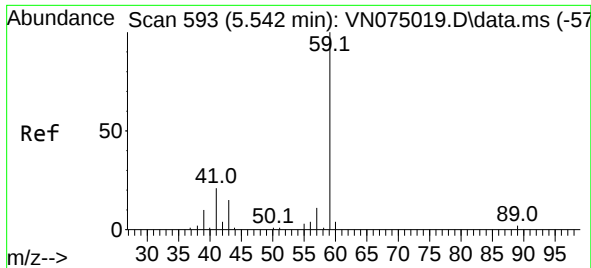
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#10
Methyl Iodide
Concen: 19.790 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion:142 Resp: 37769
Ion Ratio Lower Upper
142 100
127 46.6 38.0 57.0
141 14.9 12.2 18.4





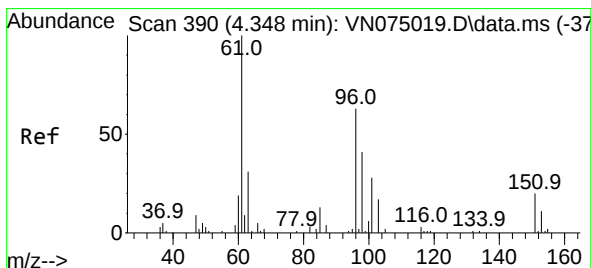
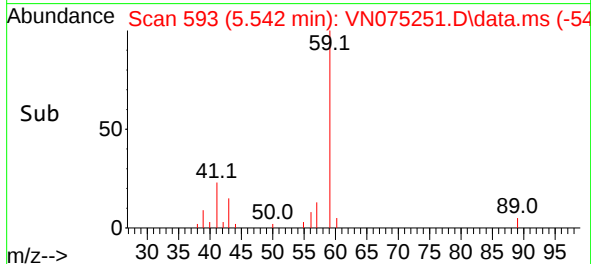
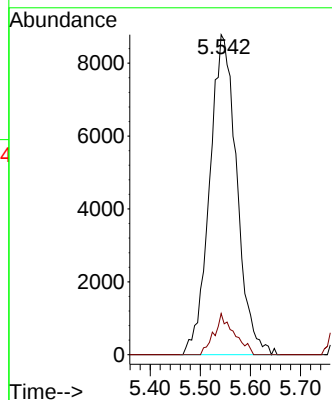
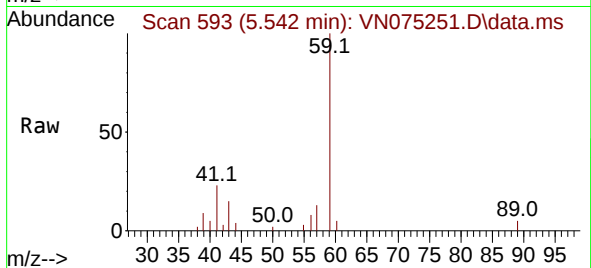
#11
Tert butyl alcohol
Concen: 91.262 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 59 Resp: 3305
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7

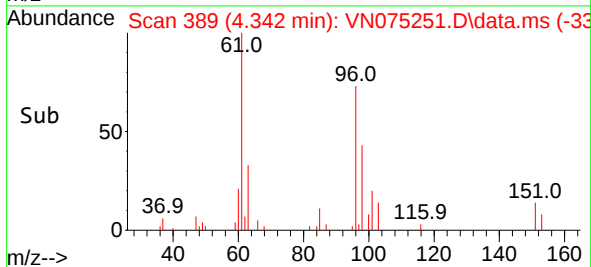
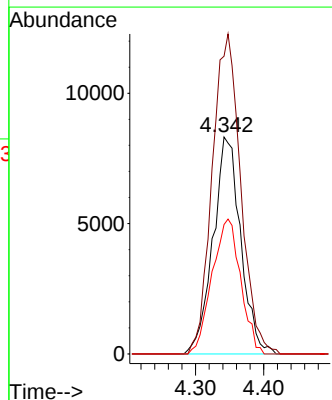
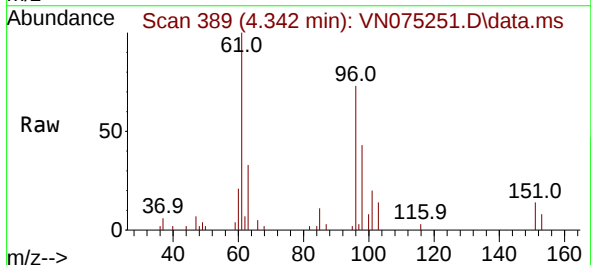
Manual Integrations
APPROVED

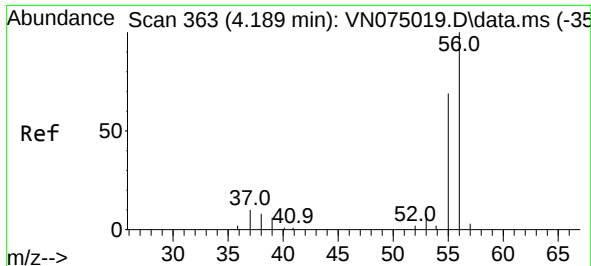
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#12
1,1-Dichloroethene
Concen: 19.183 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion: 96 Resp: 23441
Ion Ratio Lower Upper
96 100
61 137.2 126.2 189.4
98 59.7 51.5 77.3





#13

Acrolein

Concen: 60.223 ug/l

RT: 4.189 min Scan# 30

Delta R.T. -0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 56 Resp: 1784

Ion Ratio Lower Upper

56 100

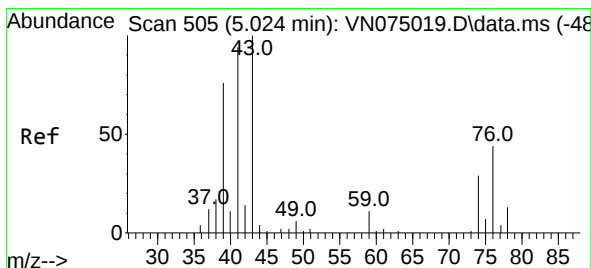
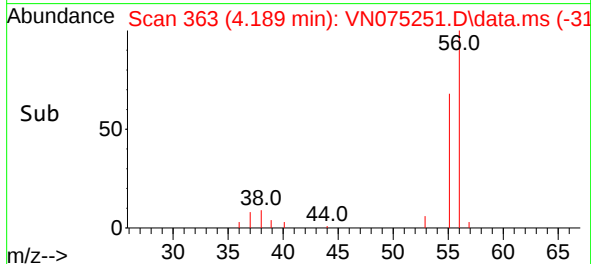
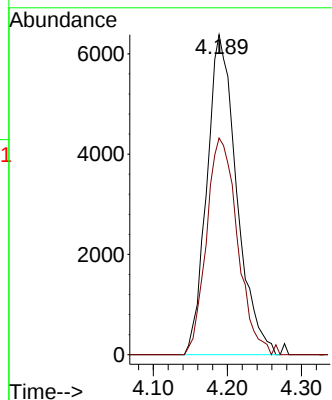
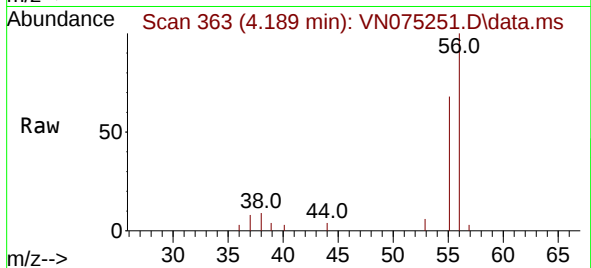
55 70.7 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#14

Allyl chloride

Concen: 18.349 ug/l

RT: 5.030 min Scan# 506

Delta R.T. 0.006 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

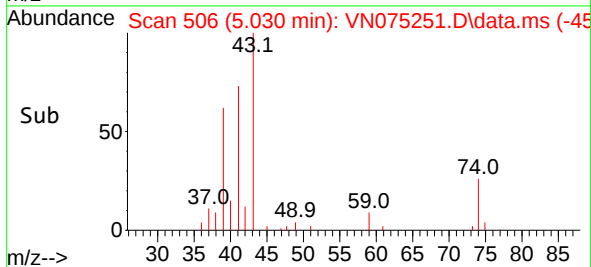
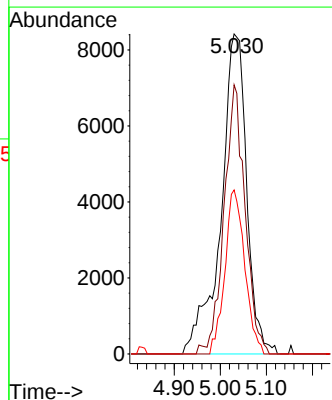
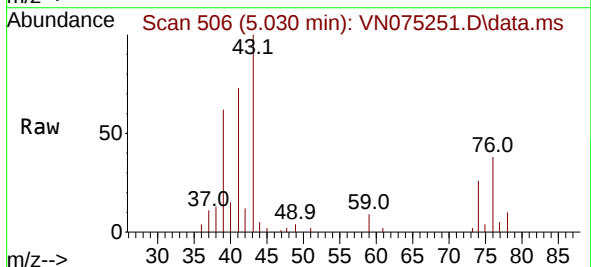
Tgt Ion: 41 Resp: 32746

Ion Ratio Lower Upper

41 100

39 68.4 61.0 91.4

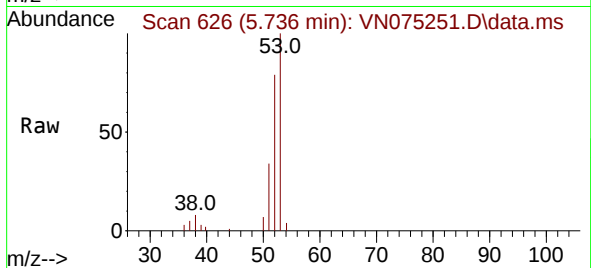
76 39.4 33.4 50.0





#15
Acrylonitrile
Concen: 93.109 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

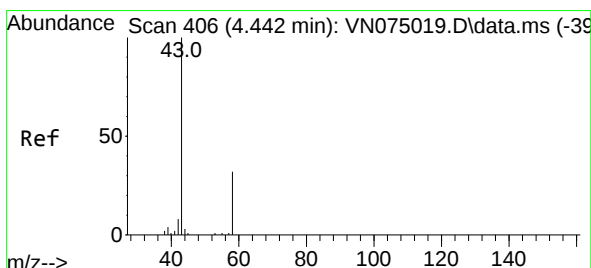
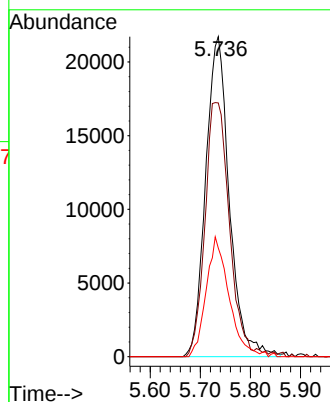
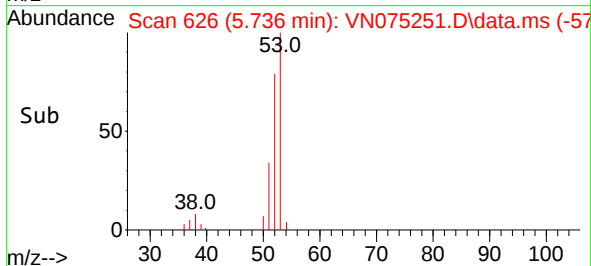
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 53 Resp: 7124
Ion Ratio Lower Upper
53 100
52 81.1 66.4 99.6
51 36.1 29.6 44.4

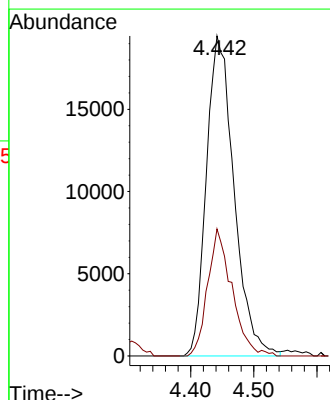
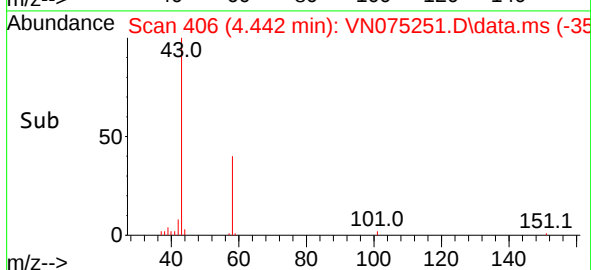
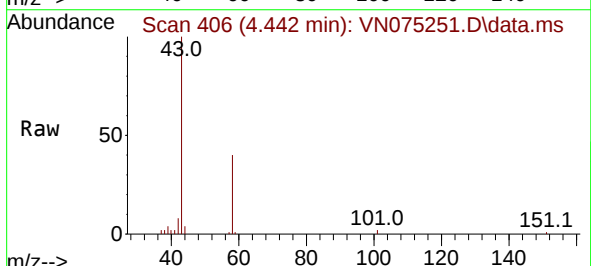
Manual Integrations
APPROVED

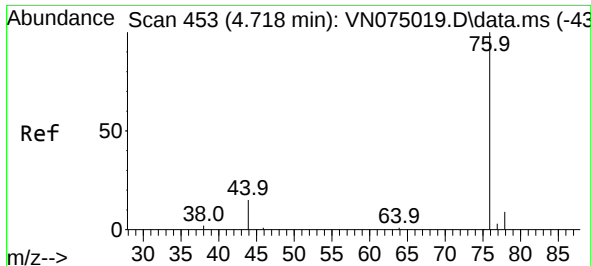
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#16
Acetone
Concen: 90.066 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

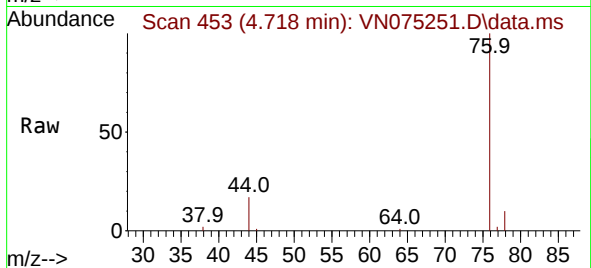
Tgt Ion: 43 Resp: 59233
Ion Ratio Lower Upper
43 100
58 39.7 25.5 38.3





#17
Carbon Disulfide
Concen: 17.930 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

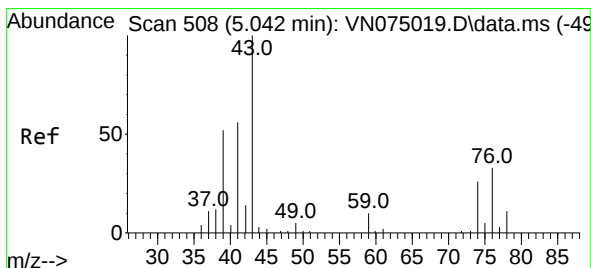
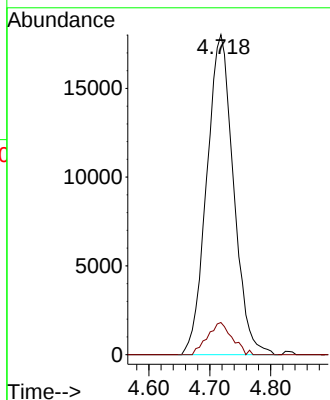
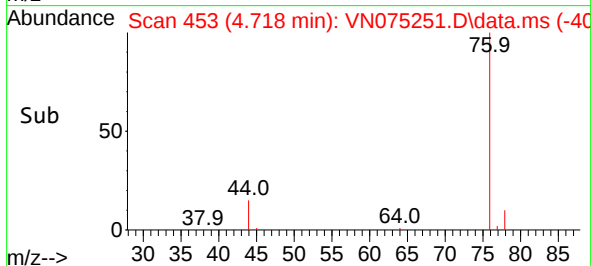
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 76 Resp: 5509
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2

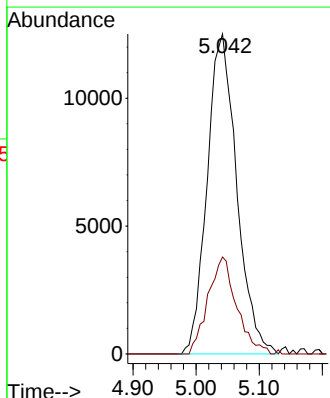
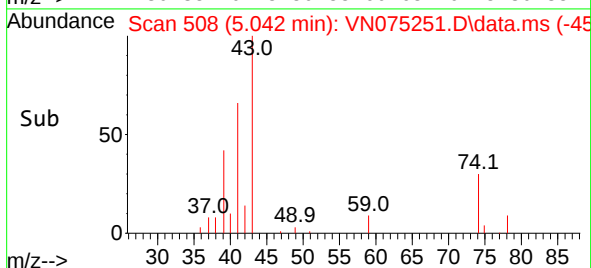
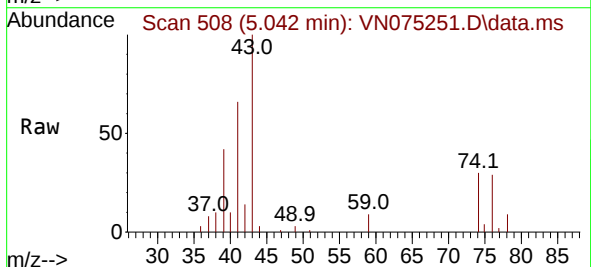
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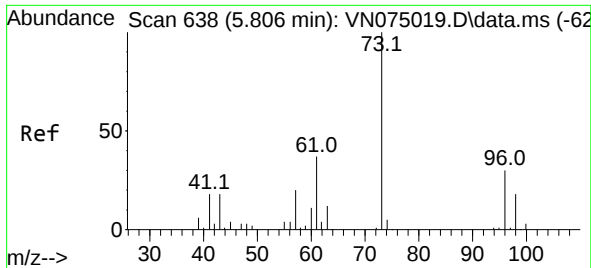
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#18
Methyl Acetate
Concen: 18.978 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion: 43 Resp: 40770
Ion Ratio Lower Upper
43 100
74 29.3 22.0 33.0





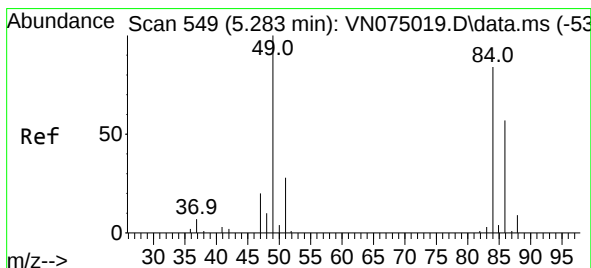
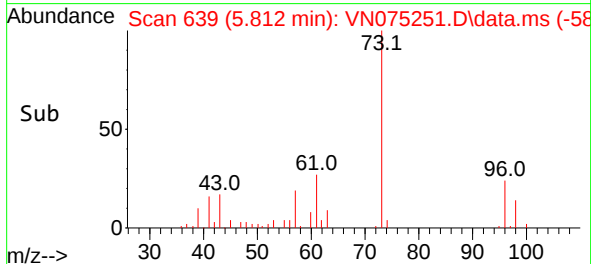
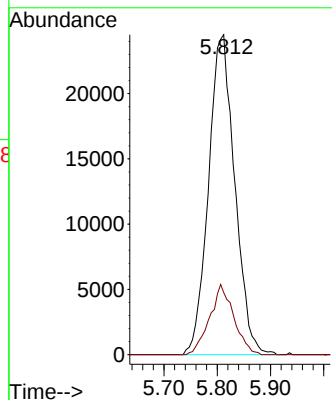
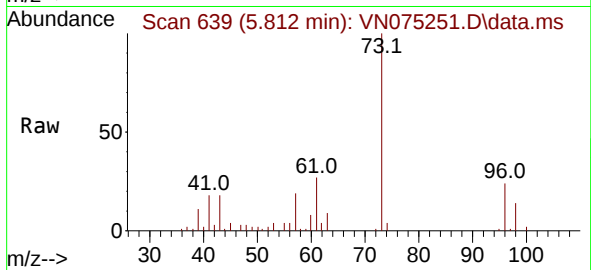
#19
Methyl tert-butyl Ether
Concen: 18.487 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 73 Resp: 8396
Ion Ratio Lower Upper
73 100
57 19.4 16.3 24.5

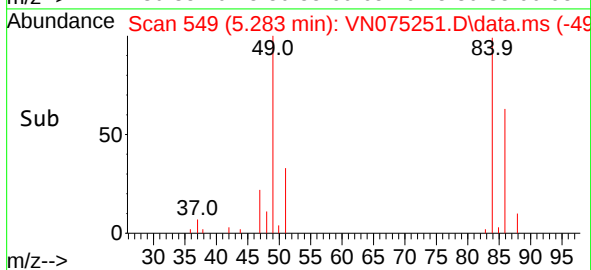
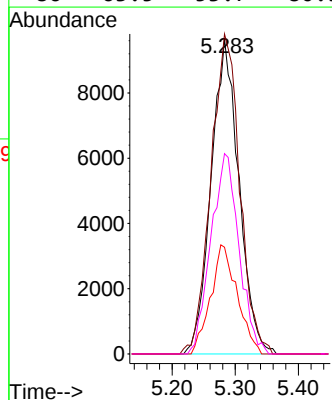
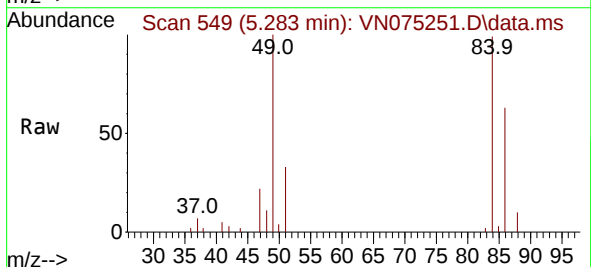
Manual Integrations
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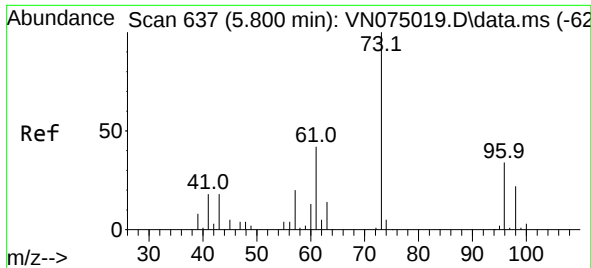
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#20
Methylene Chloride
Concen: 20.097 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion: 84 Resp: 29470
Ion Ratio Lower Upper
84 100
49 101.5 94.9 142.3
51 33.8 26.8 40.2
86 63.5 53.7 80.5





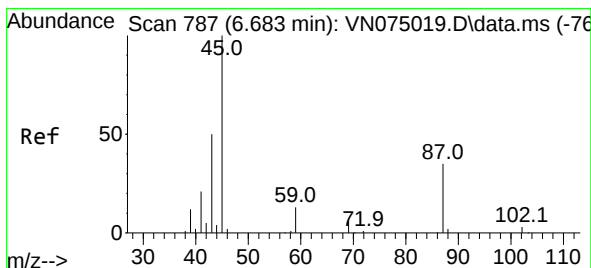
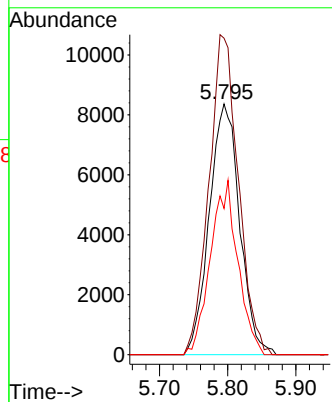
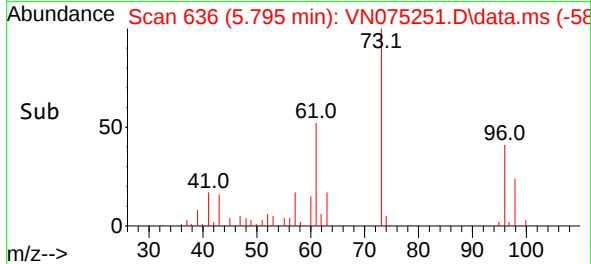
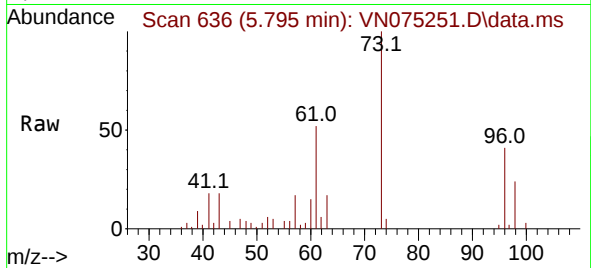
#21
trans-1,2-Dichloroethene
Concen: 19.372 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 96 Resp: 25918
Ion Ratio Lower Upper
96 100
61 126.2 99.9 149.9
98 58.3 51.5 77.3

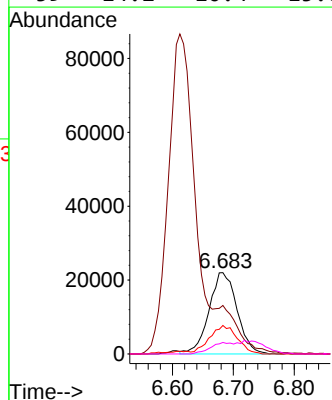
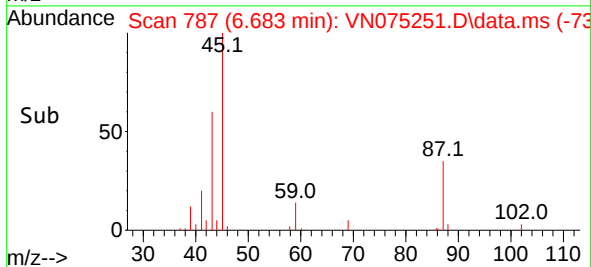
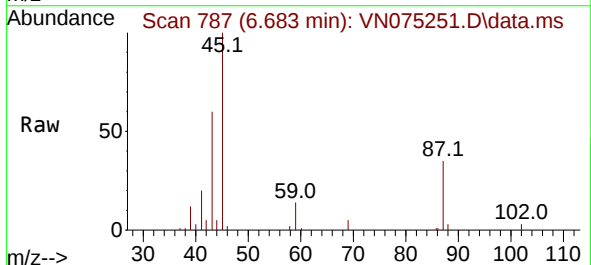
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#22
Diisopropyl ether
Concen: 17.885 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion: 45 Resp: 70440
Ion Ratio Lower Upper
45 100
43 58.4 42.8 64.2
87 34.9 28.4 42.6
59 14.2 10.4 15.6





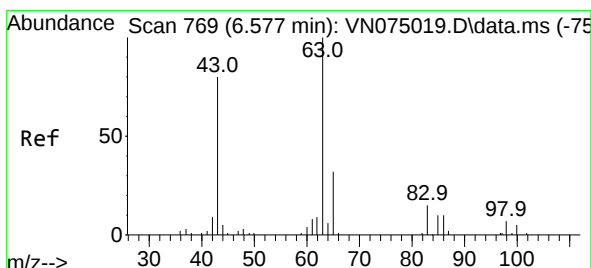
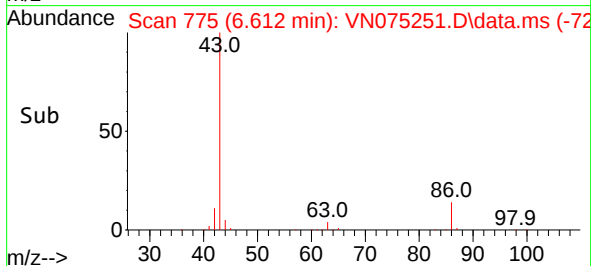
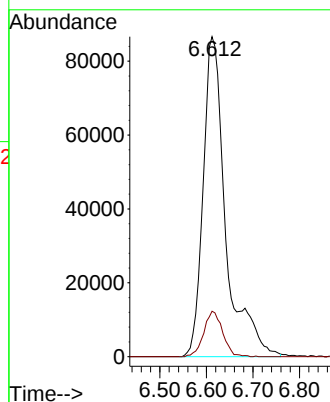
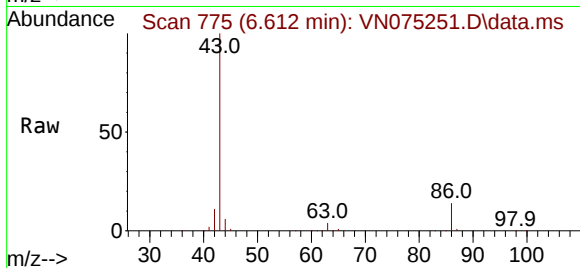
#23
 Vinyl Acetate
 Concen: 88.691 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075251.D
 Acq: 11 Nov 2022 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Tgt Ion: 43 Resp: 291688
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.7 16.1

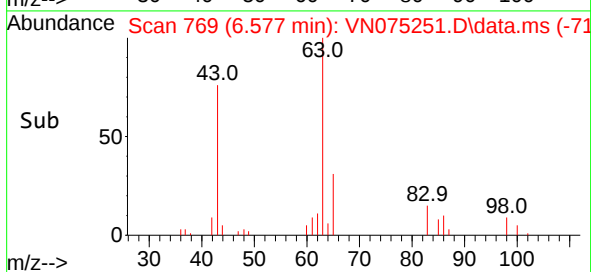
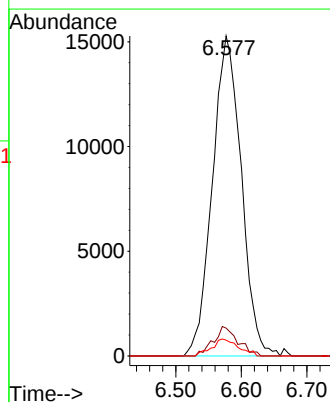
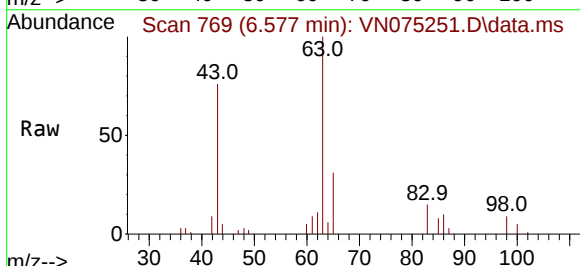
Manual Integrations
 APPROVED

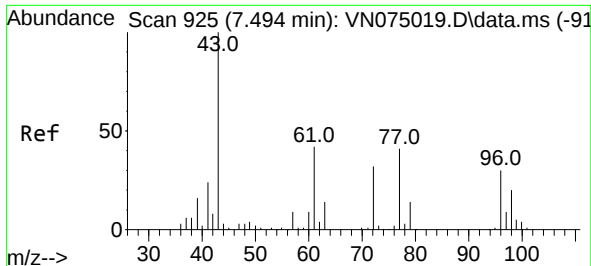
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#24
 1,1-Dichloroethane
 Concen: 18.757 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075251.D
 Acq: 11 Nov 2022 16:29

Tgt Ion: 63 Resp: 46721
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.8
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 92.203 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 43 Resp: 95378

Ion Ratio Lower Upper

43 100

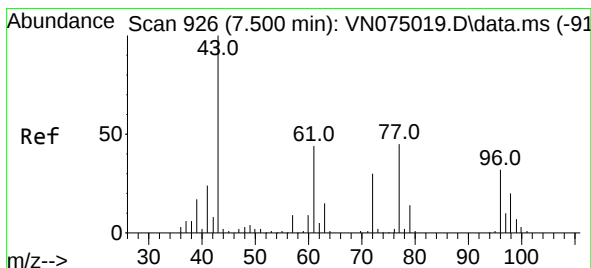
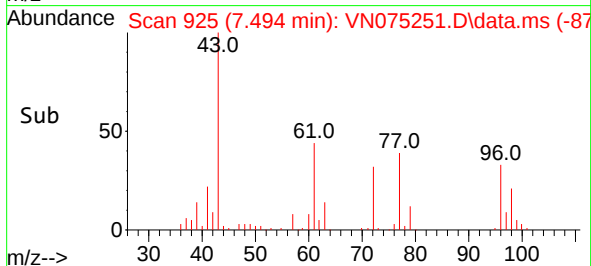
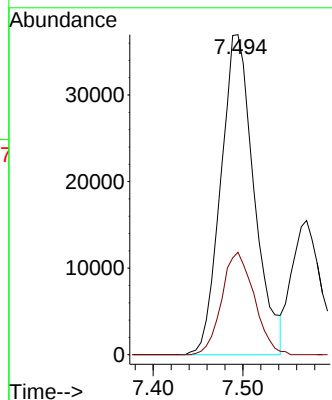
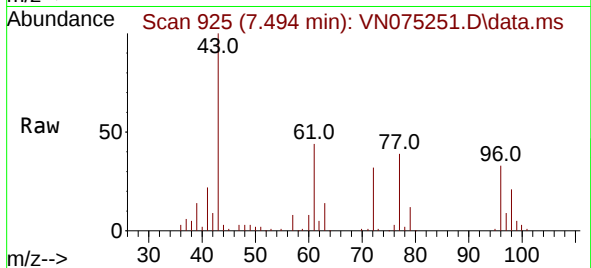
72 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#26

2,2-Dichloropropane

Concen: 17.772 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075251.D

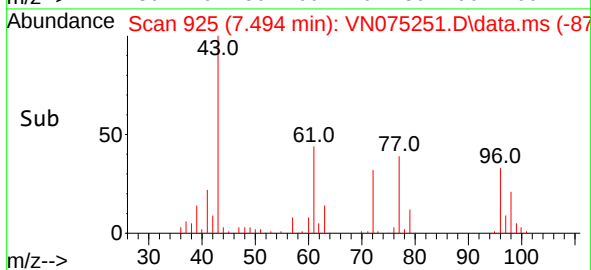
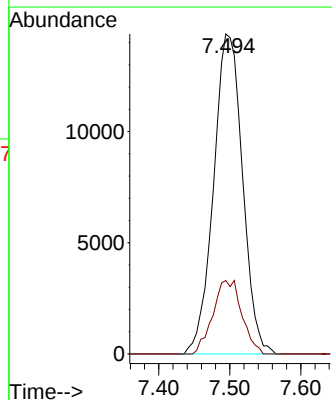
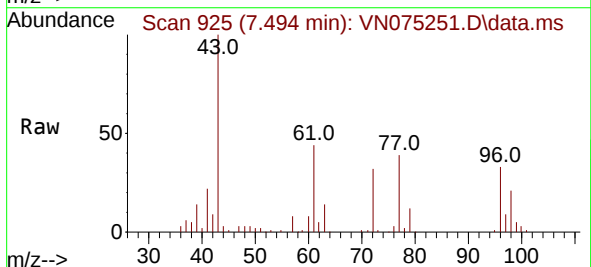
Acq: 11 Nov 2022 16:29

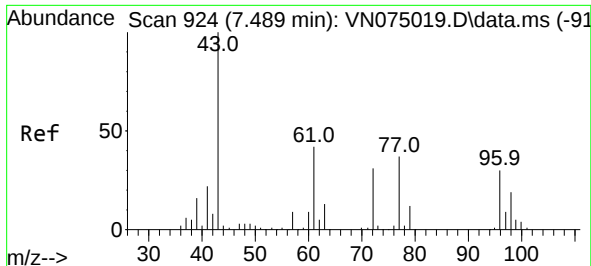
Tgt Ion: 77 Resp: 40725

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.477 ug/l

RT: 7.494 min Scan# 911

Delta R.T. 0.005 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

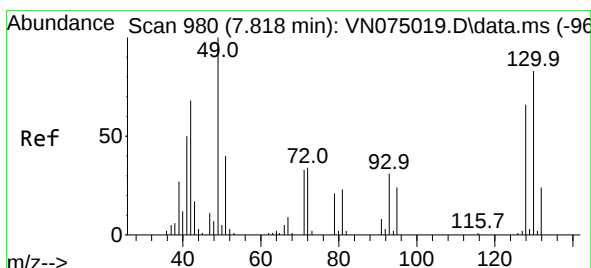
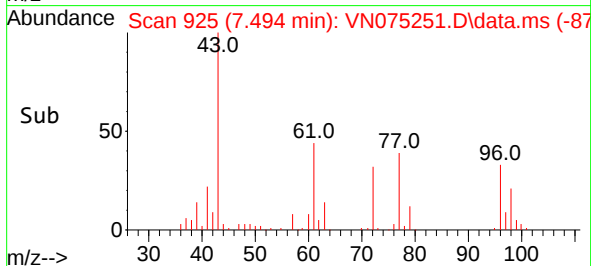
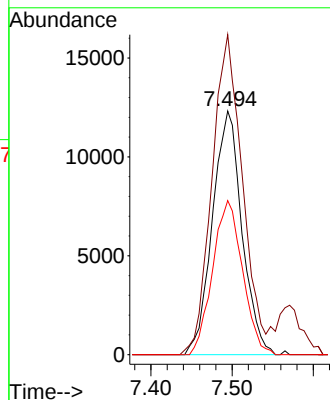
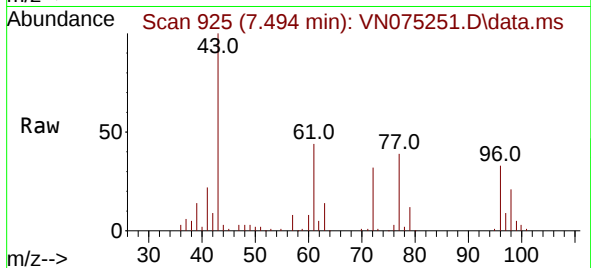
Tgt Ion:	96	Resp:	31119
Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	278.8
98	64.1	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#28

Bromochloromethane

Concen: 18.019 ug/l

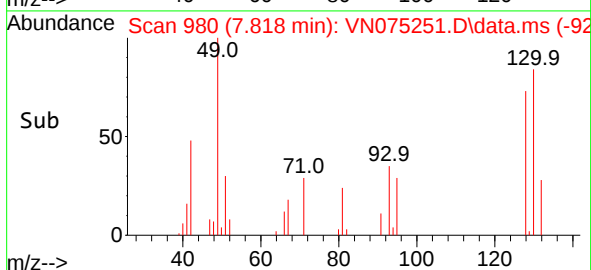
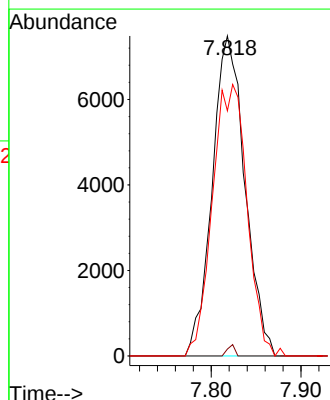
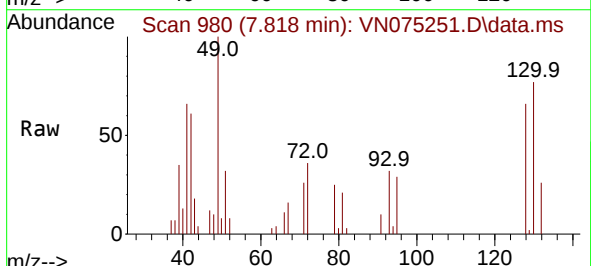
RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Tgt Ion:	49	Resp:	18920
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.6
130	89.9	66.2	99.4





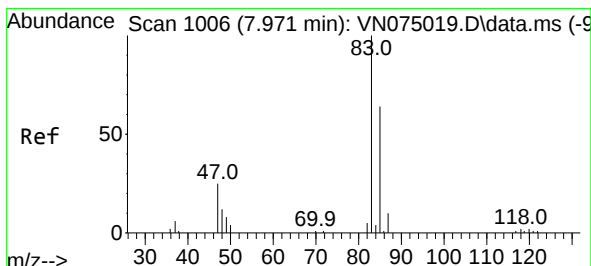
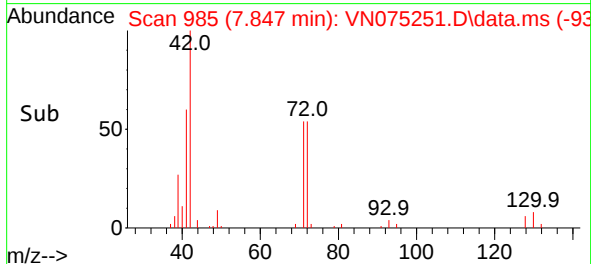
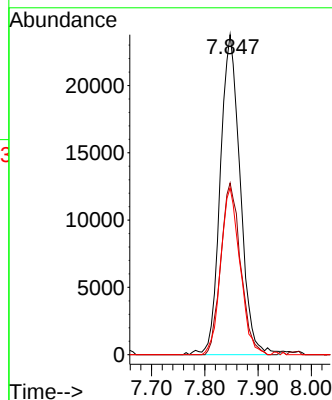
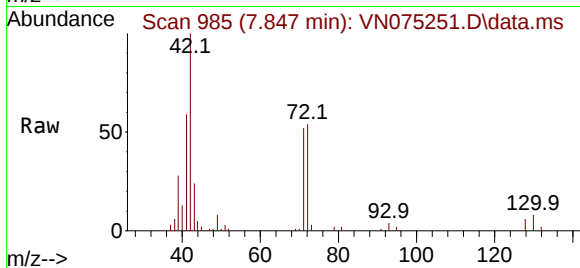
#29
Tetrahydrofuran
Concen: 92.494 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 42 Resp: 6182
Ion Ratio Lower Upper
42 100
72 53.0 43.0 64.6
71 50.4 39.9 59.9

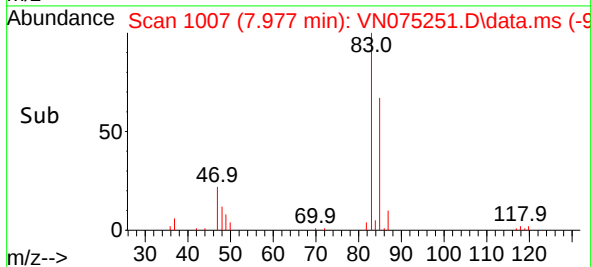
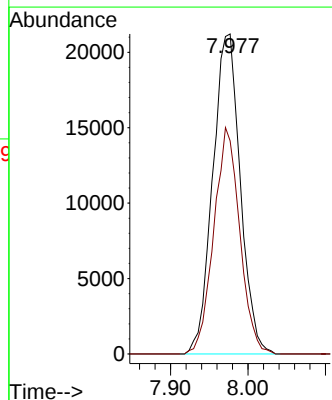
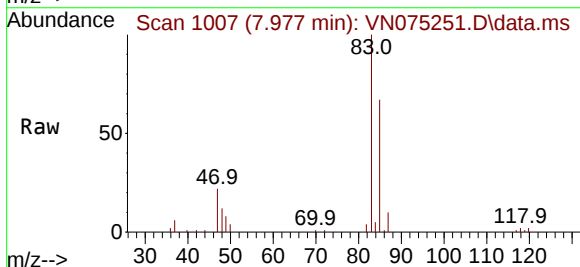
Manual Integrations
APPROVED

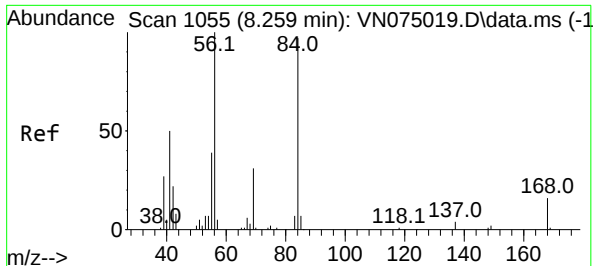
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#30
Chloroform
Concen: 19.386 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion: 83 Resp: 52428
Ion Ratio Lower Upper
83 100
85 66.6 51.4 77.0





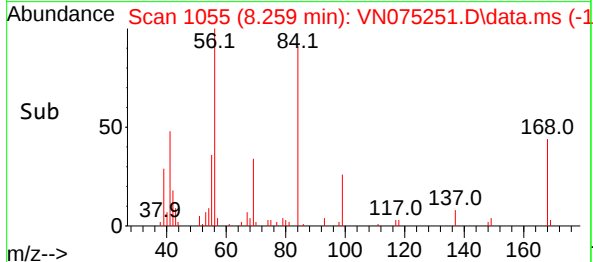
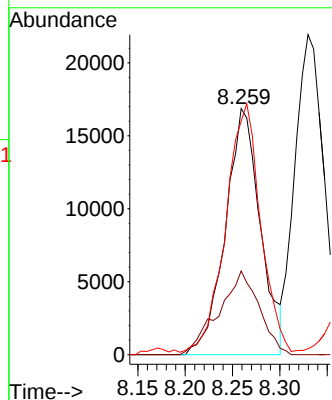
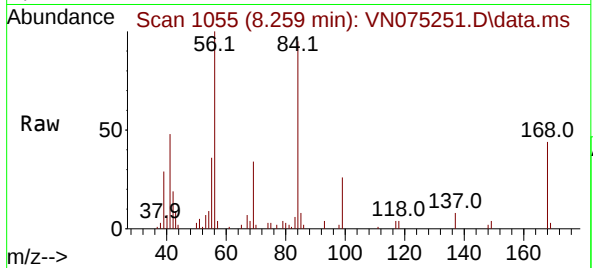
#31
Cyclohexane
Concen: 18.775 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 56 Resp: 43370
Ion Ratio Lower Upper
56 100
69 34.0 25.2 37.8
84 93.9 77.8 116.8

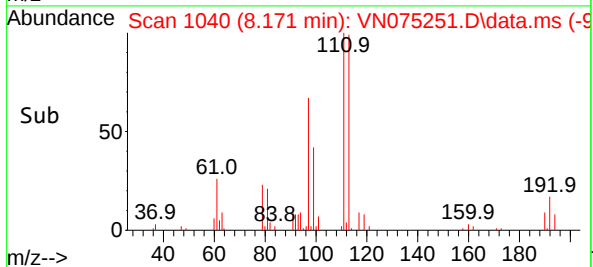
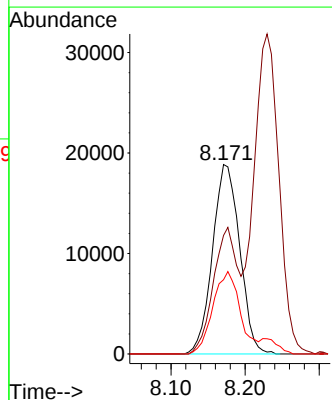
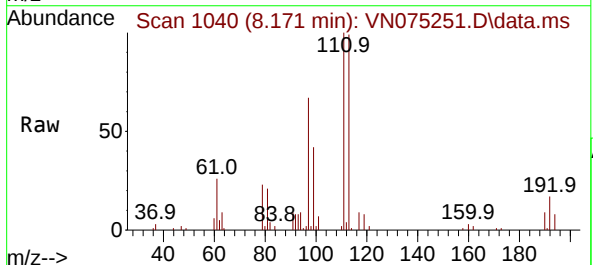
Manual Integrations
APPROVED

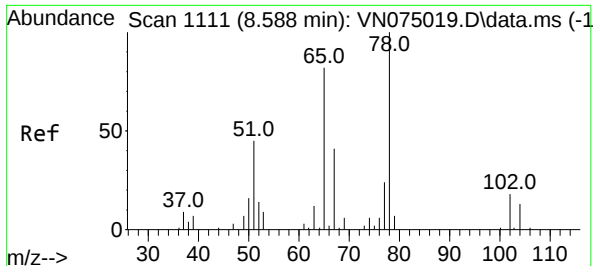
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#32
1,1,1-Trichloroethane
Concen: 19.560 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion: 97 Resp: 48037
Ion Ratio Lower Upper
97 100
99 59.8 50.2 75.2
61 44.0 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 47.845 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 65 Resp: 7431

Ion Ratio Lower Upper

65 100

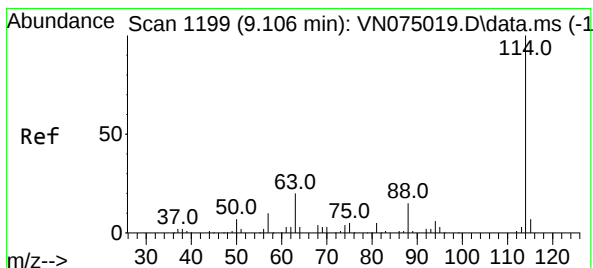
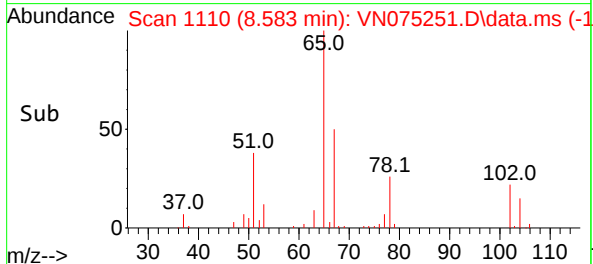
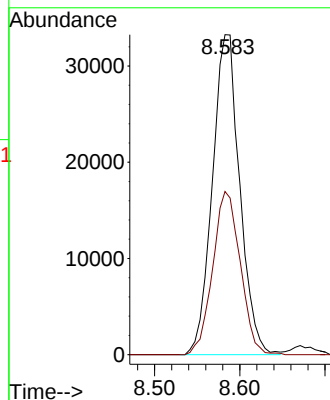
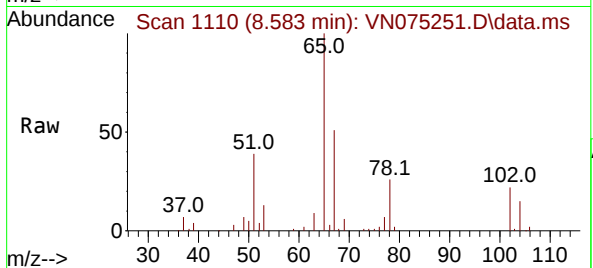
67 51.3 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

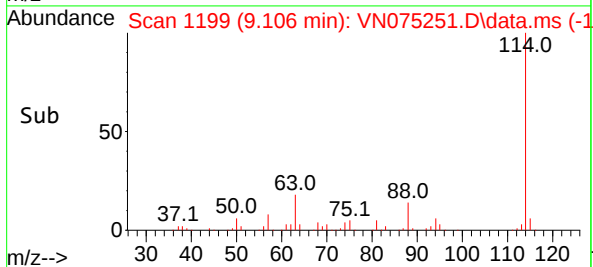
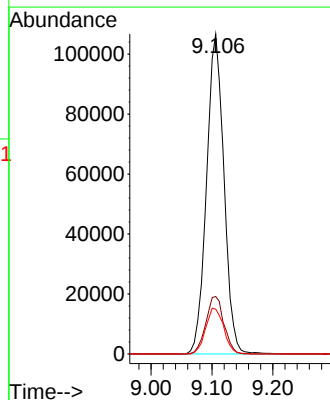
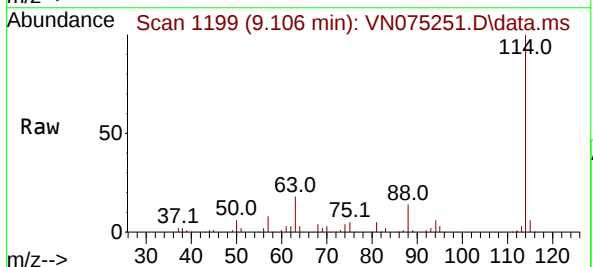
Tgt Ion:114 Resp: 212119

Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 14.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.552 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 113 Resp: 65440

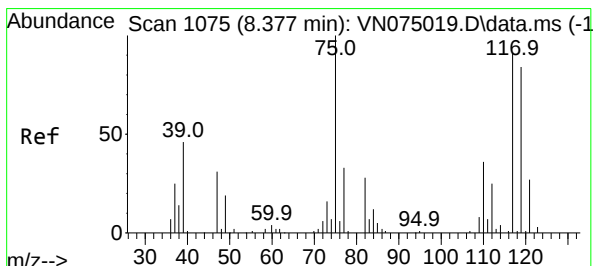
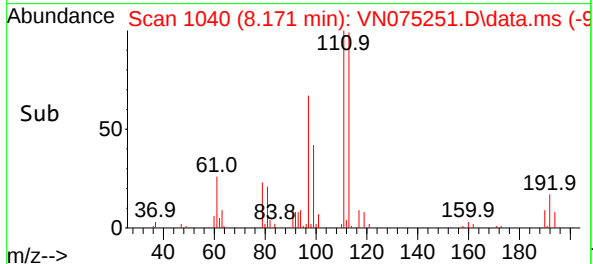
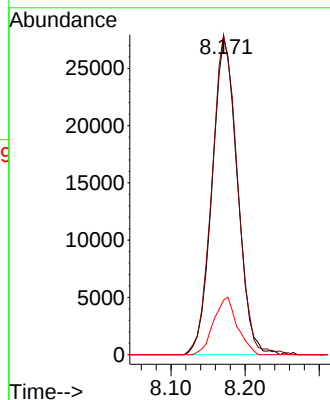
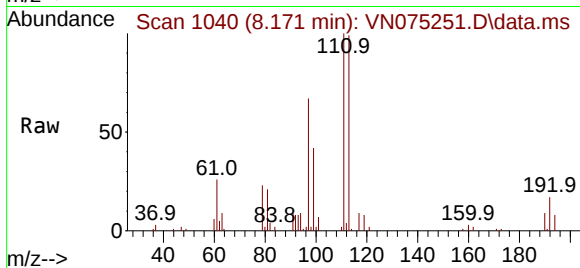
Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.5	120.7
192	16.9	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#36

1,1-Dichloropropene

Concen: 19.512 ug/l

RT: 8.371 min Scan# 1074

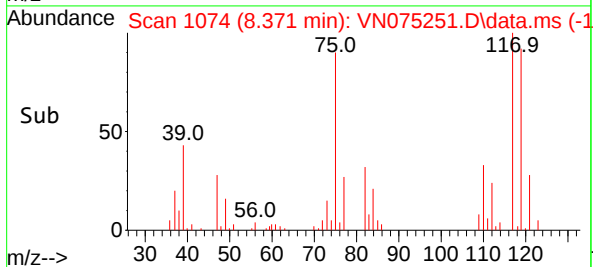
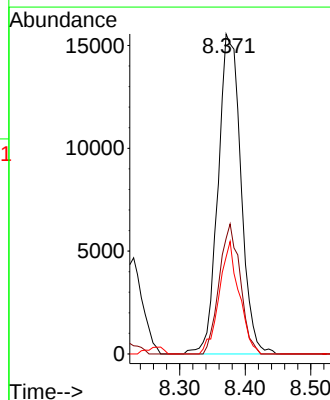
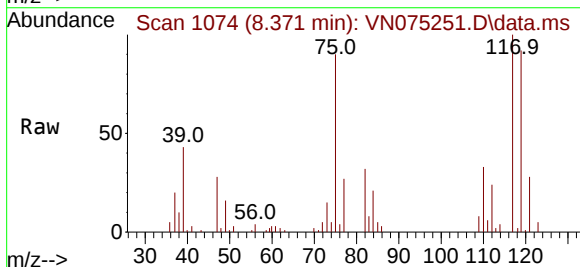
Delta R.T. -0.006 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Tgt Ion: 75 Resp: 37616

Ion	Ratio	Lower	Upper
75	100		
110	37.4	17.8	53.3
77	30.7	24.6	37.0





#37
Ethyl Acetate
Concen: 17.359 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

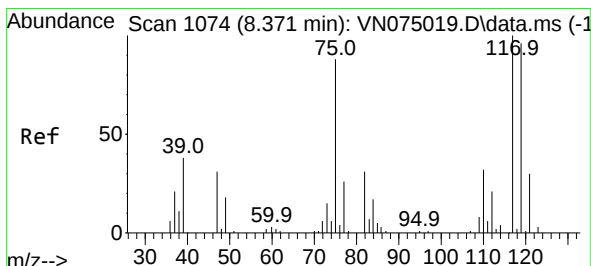
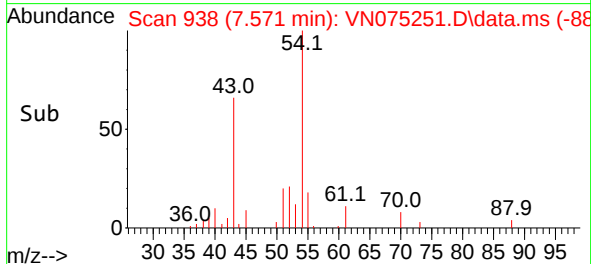
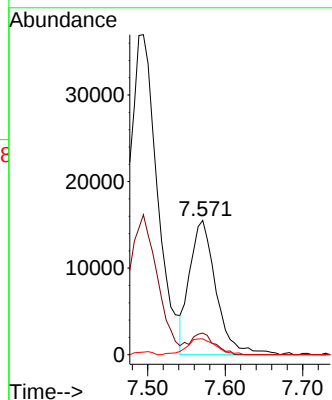
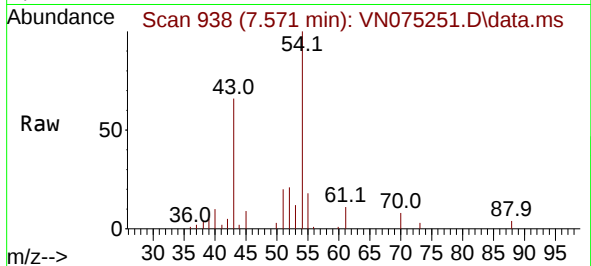
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 43 Resp: 3670

Ion	Ratio	Lower	Upper
43	100		
61	12.8	12.2	18.4
70	13.1	9.4	14.2

Manual Integrations
APPROVED

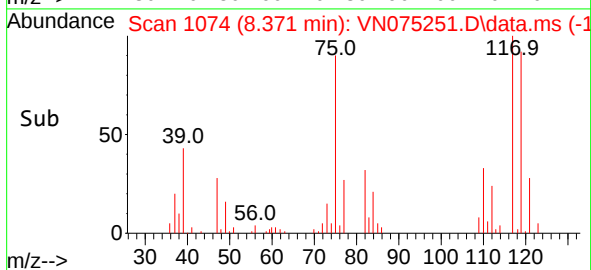
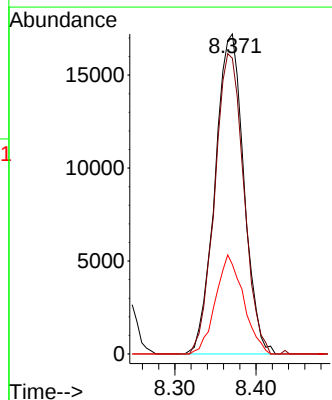
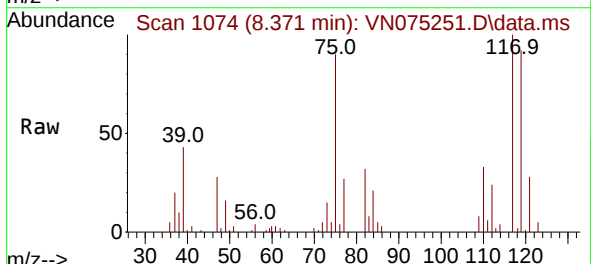
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

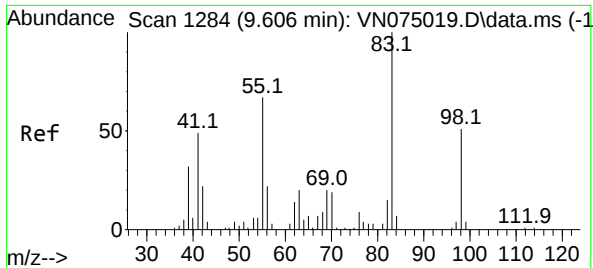


#38
Carbon Tetrachloride
Concen: 20.001 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion: 117 Resp: 42415

Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.7	115.1
121	27.9	23.9	35.9





#39

Methylcyclohexane

Concen: 18.912 ug/l

RT: 9.606 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 83 Resp: 4813

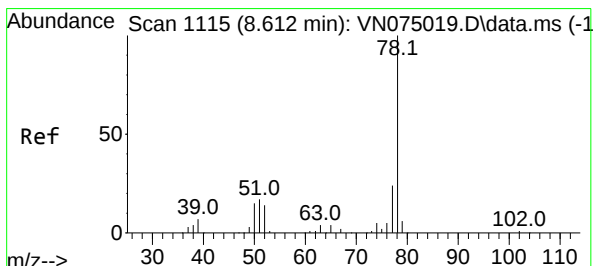
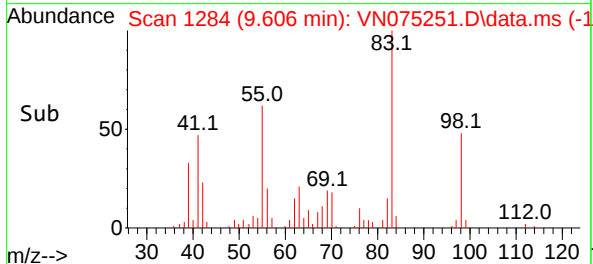
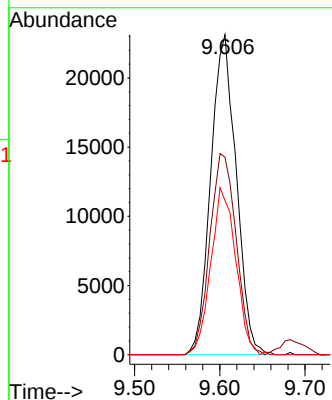
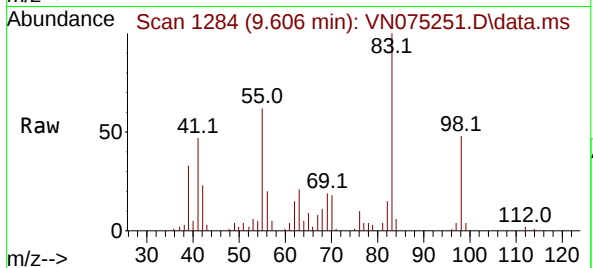
Ion	Ratio	Lower	Upper
83	100		
55	61.7	53.6	80.4
98	48.2	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#40

Benzene

Concen: 19.732 ug/l

RT: 8.612 min Scan# 1115

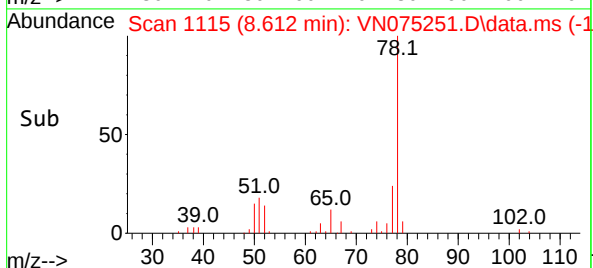
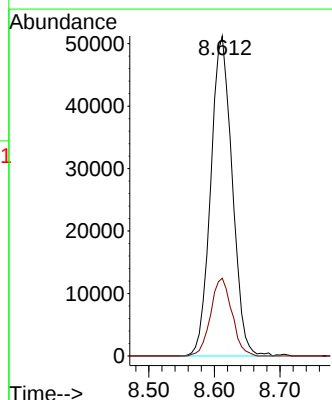
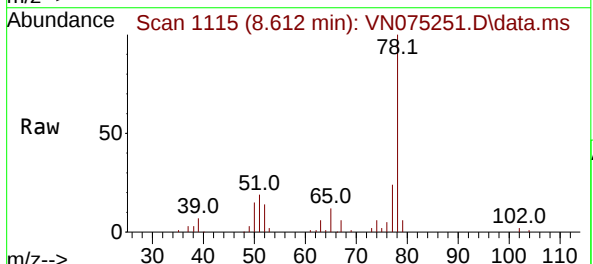
Delta R.T. 0.000 min

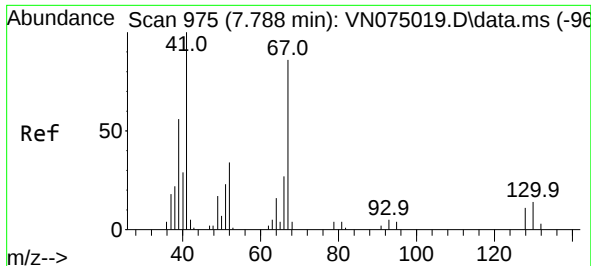
Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Tgt Ion: 78 Resp: 116473

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





#41
Methacrylonitrile
Concen: 18.240 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.001 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

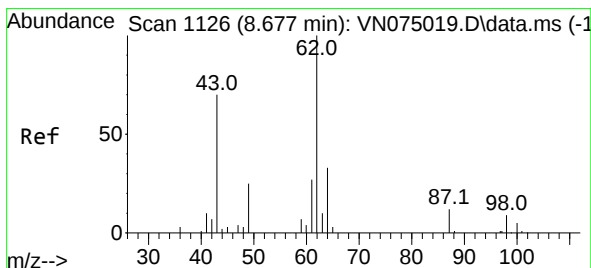
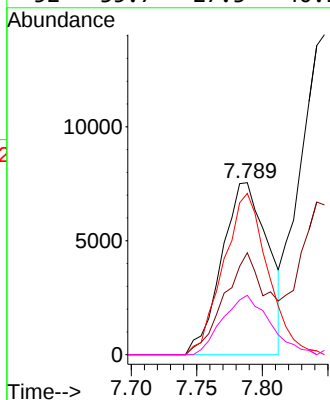
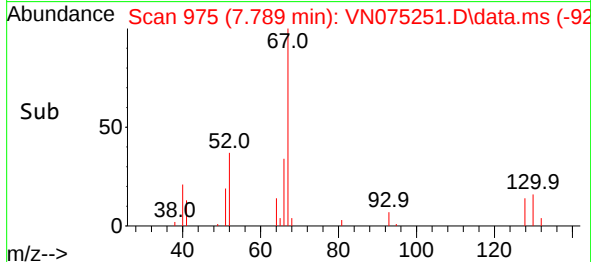
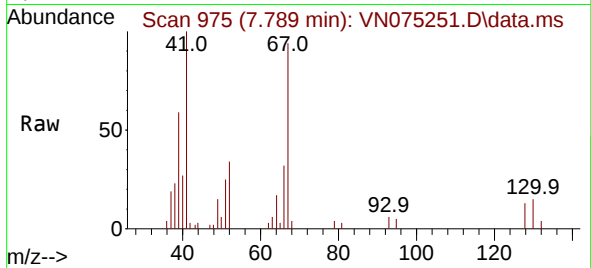
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 41 Resp: 18470

Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.4	66.6
67	90.3	69.8	104.6
52	35.7	27.3	40.9

Manual Integrations
APPROVED

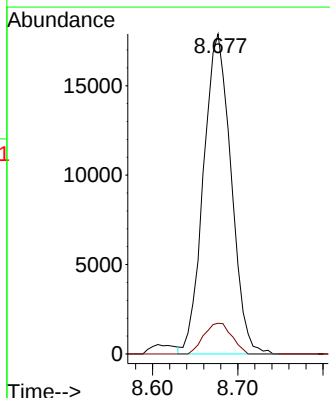
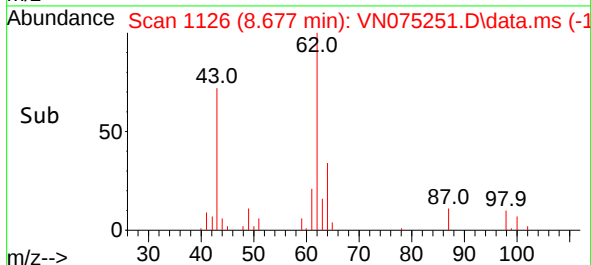
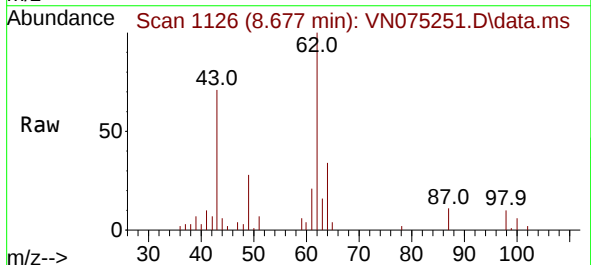
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

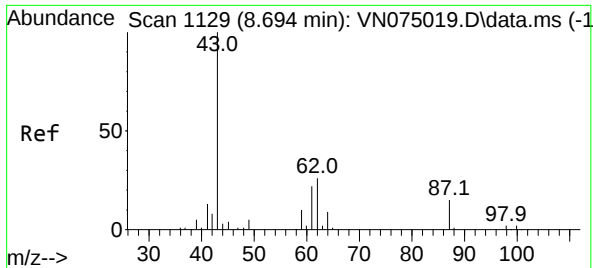


#42
1,2-Dichloroethane
Concen: 18.761 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion: 62 Resp: 40291

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.2





#43

Isopropyl Acetate

Concen: 17.936 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

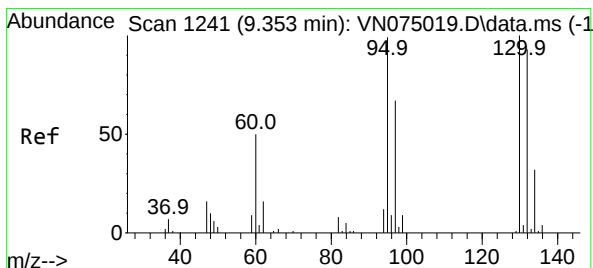
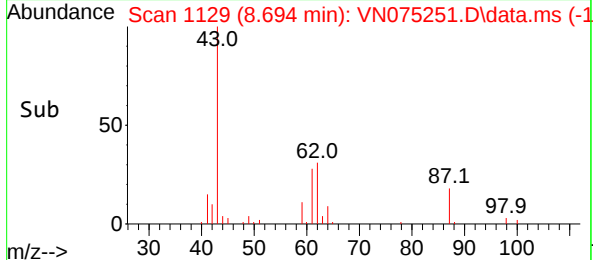
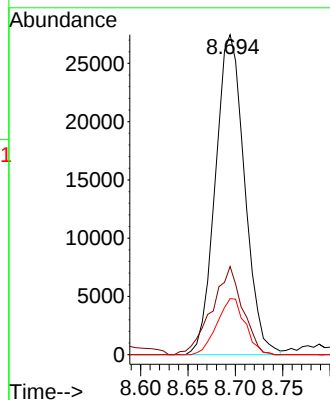
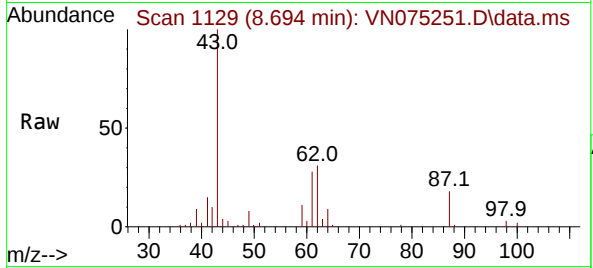
Tgt Ion: 43	Resp: 58820
Ion Ratio	Lower Upper
43 100	
61 29.0	22.4 33.6
87 16.9	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#44

Trichloroethene

Concen: 20.438 ug/l

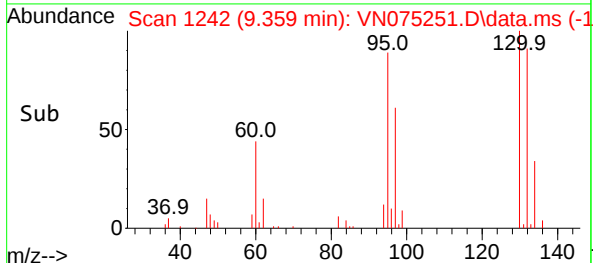
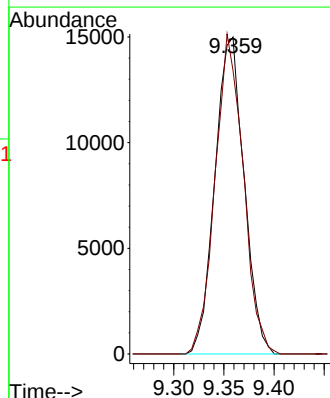
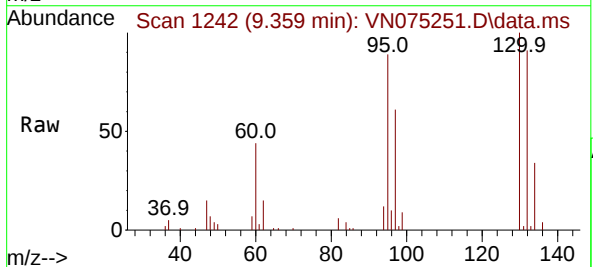
RT: 9.359 min Scan# 1242

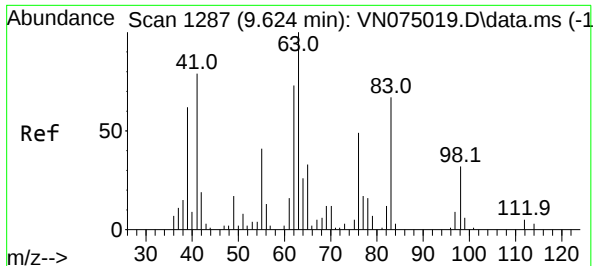
Delta R.T. 0.006 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Tgt Ion:130	Resp: 30268
Ion Ratio	Lower Upper
130 100	
95 89.5	0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.632 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 63 Resp: 27578

Ion Ratio Lower Upper

63 100

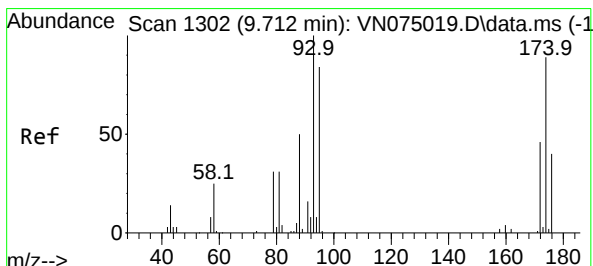
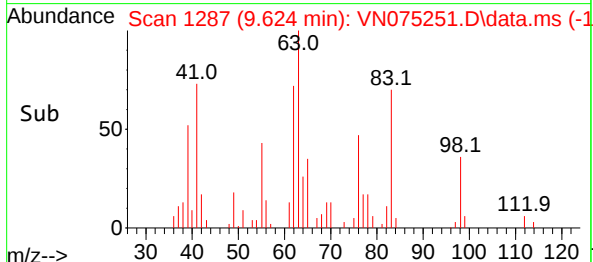
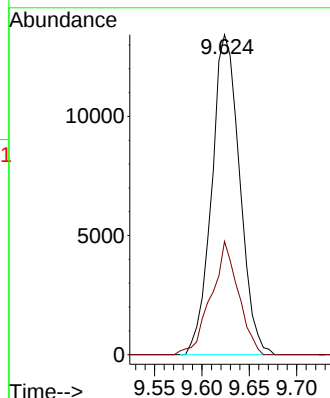
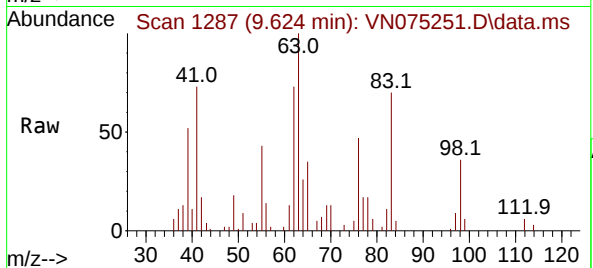
65 35.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#46

Dibromomethane

Concen: 19.069 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

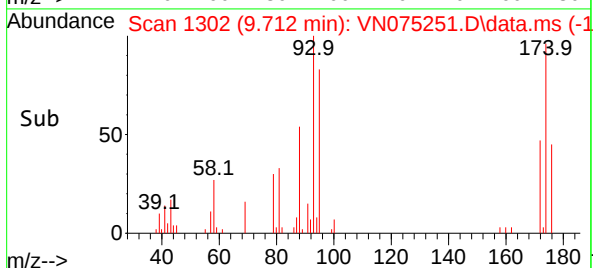
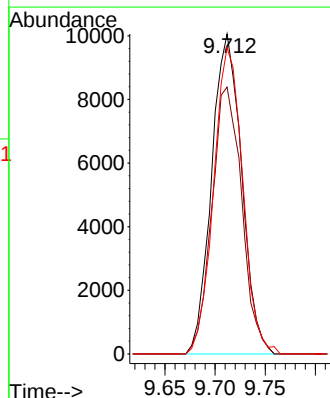
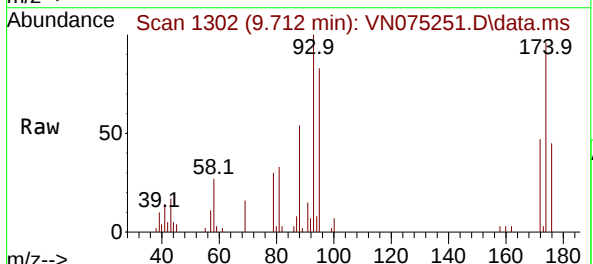
Tgt Ion: 93 Resp: 20870

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 93.1 70.3 105.5





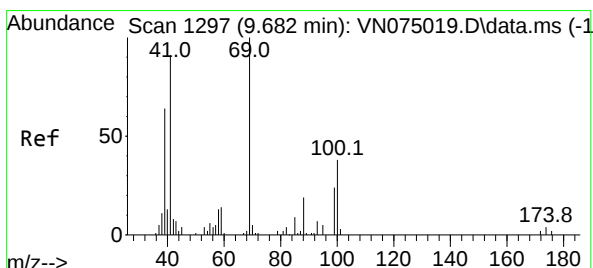
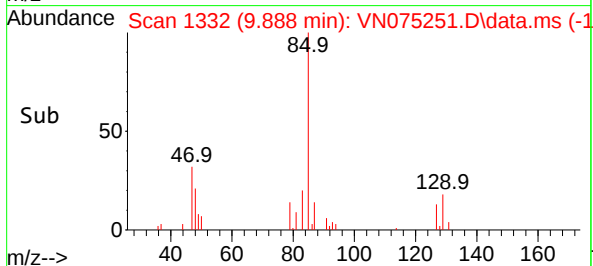
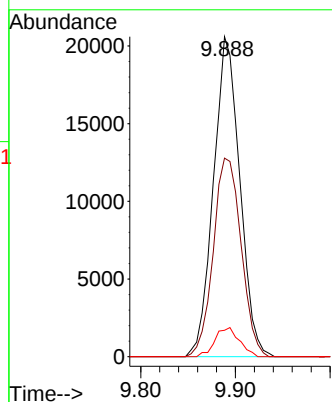
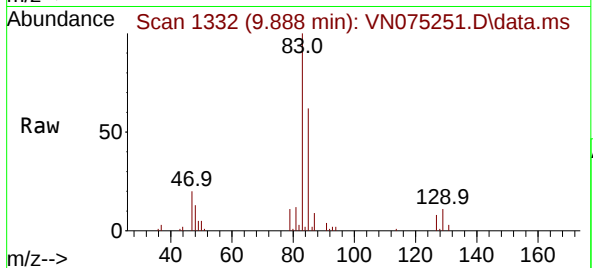
#47
Bromodichloromethane
Concen: 18.781 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.006 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 83 Resp: 39804
Ion Ratio Lower Upper
83 100
85 62.0 52.1 78.1
127 8.3 6.6 10.0

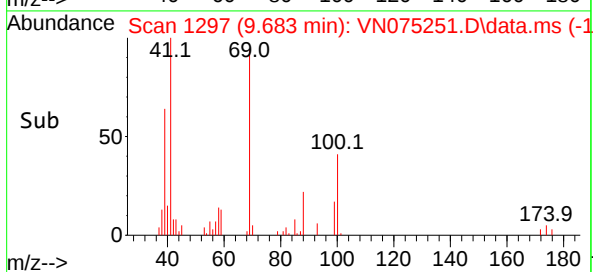
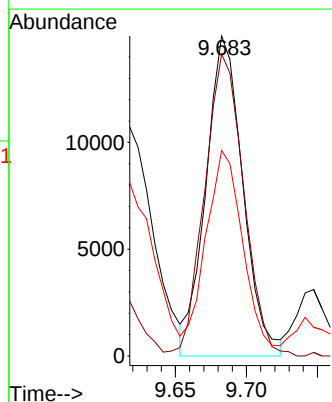
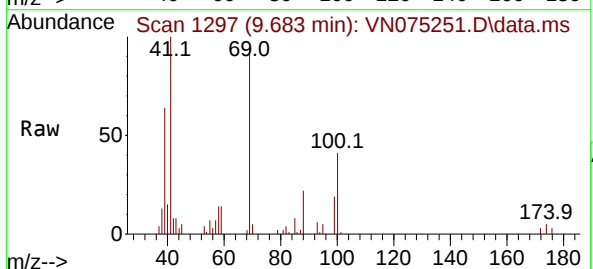
Manual Integrations
APPROVED

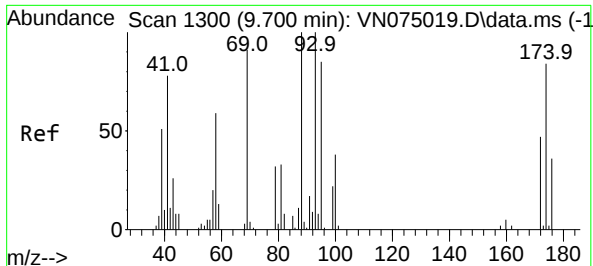
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#48
Methyl methacrylate
Concen: 18.021 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.001 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion: 41 Resp: 27110
Ion Ratio Lower Upper
41 100
69 99.6 80.2 120.2
39 65.6 56.2 84.2





#49

1,4-Dioxane

Concen: 428.833 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 88 Resp: 1689

Ion Ratio Lower Upper

88 100

43 17.2 17.5 26.3

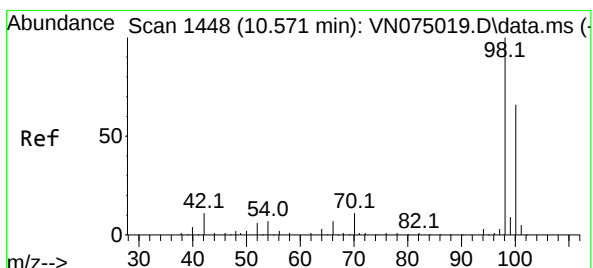
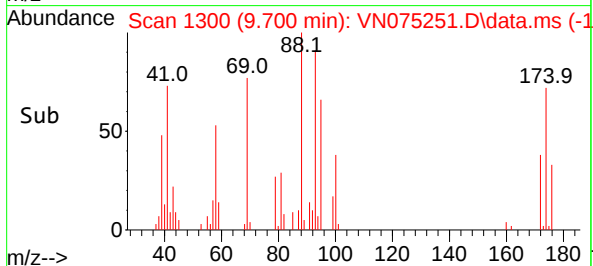
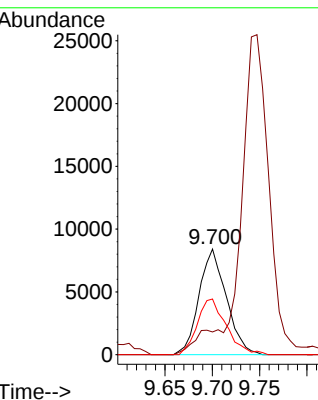
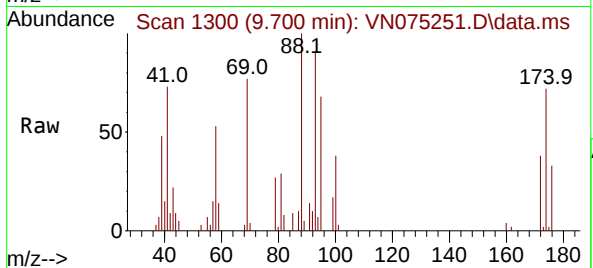
58 55.8 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#50

Toluene-d8

Concen: 48.114 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075251.D

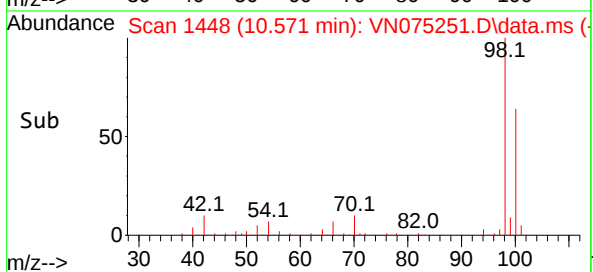
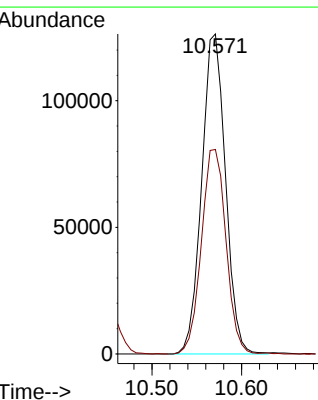
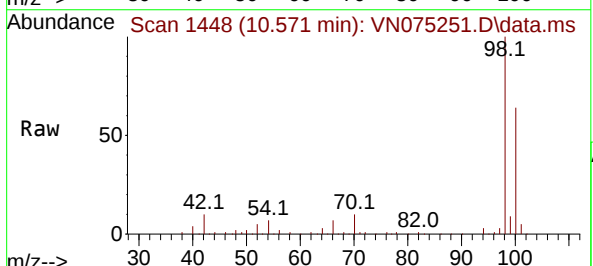
Acq: 11 Nov 2022 16:29

Tgt Ion: 98 Resp: 232449

Ion Ratio Lower Upper

98 100

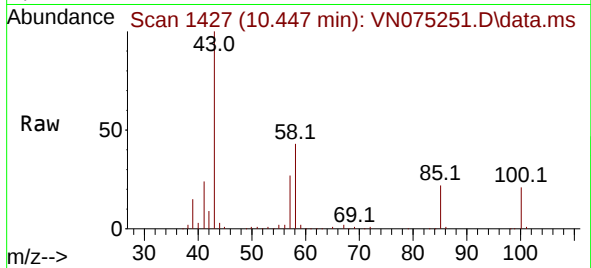
100 66.1 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 92.095 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

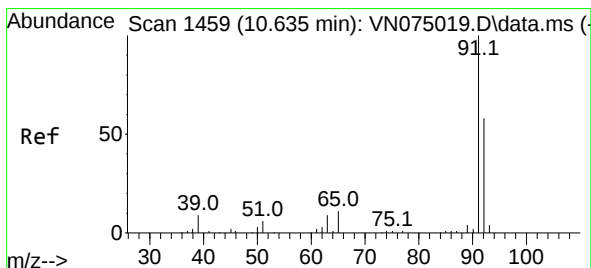
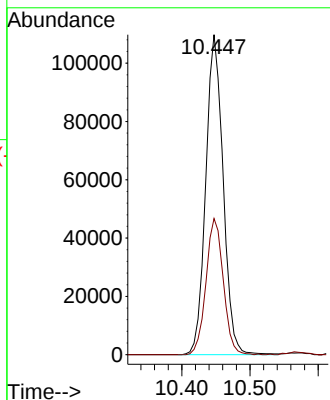
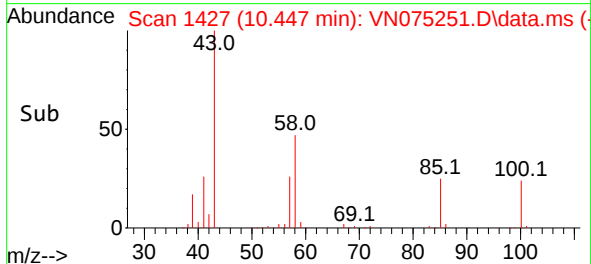
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 43 Resp: 194890
Ion Ratio Lower Upper
43 100
58 42.3 33.6 50.4

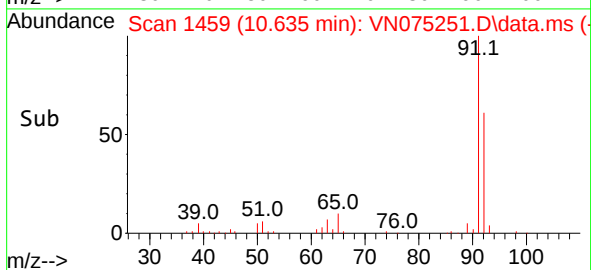
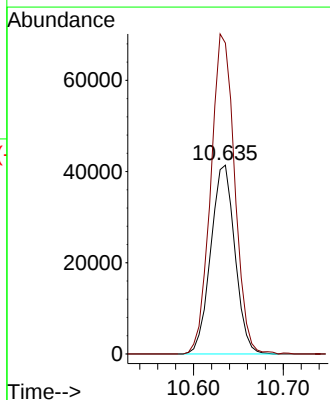
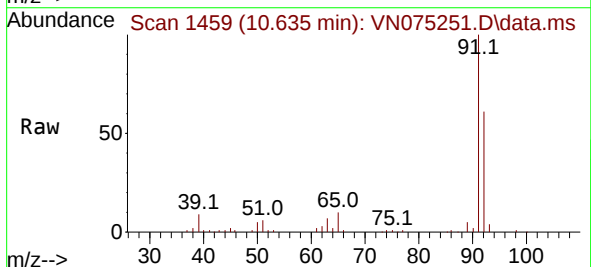
Manual Integrations
APPROVED

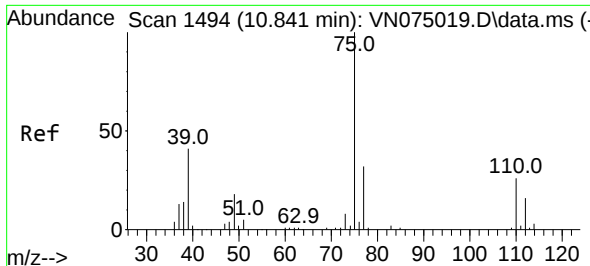
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#52
Toluene
Concen: 19.588 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion: 92 Resp: 77291
Ion Ratio Lower Upper
92 100
91 168.2 135.4 203.2





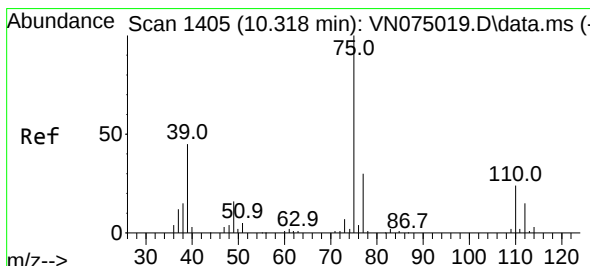
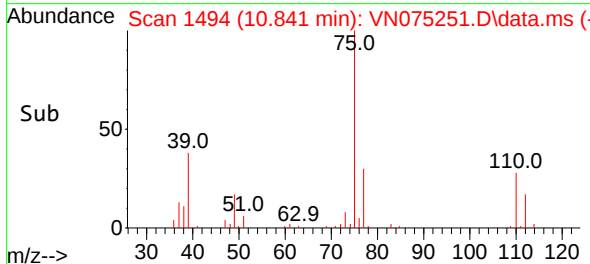
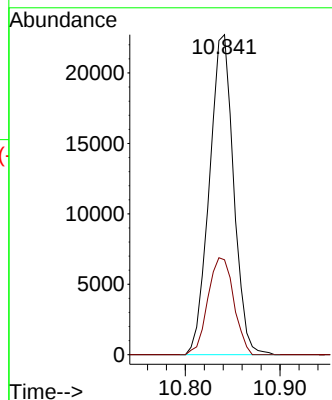
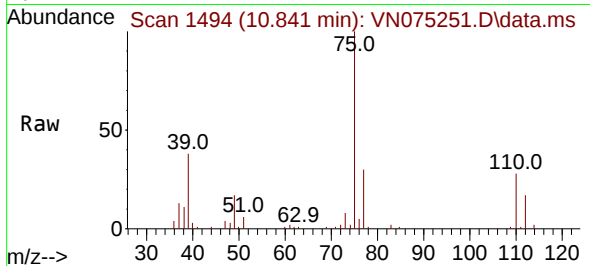
#53
t-1,3-Dichloropropene
Concen: 18.044 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 75 Resp: 40364
Ion Ratio Lower Upper
75 100
77 29.6 25.4 38.2

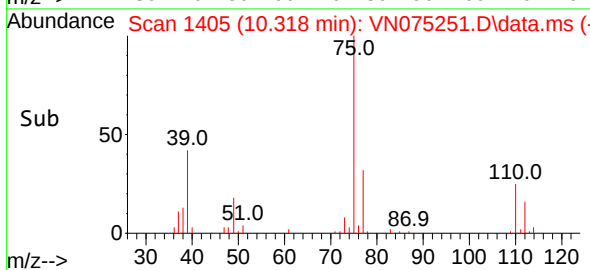
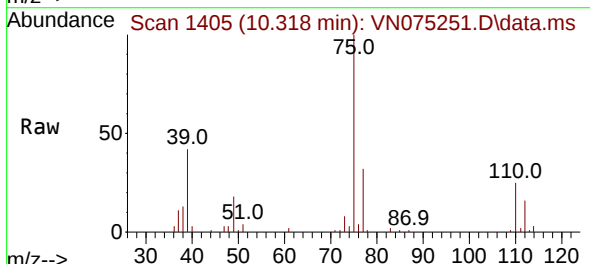
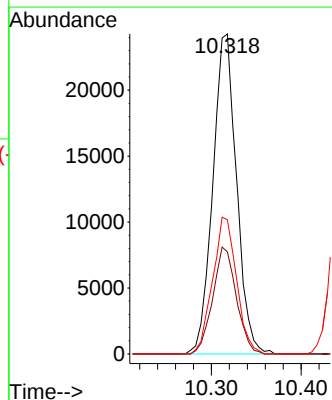
Manual Integrations
APPROVED

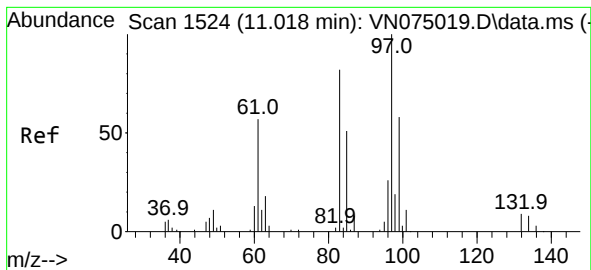
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#54
cis-1,3-Dichloropropene
Concen: 18.766 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion: 75 Resp: 44527
Ion Ratio Lower Upper
75 100
77 31.9 23.7 35.5
39 41.9 35.8 53.6





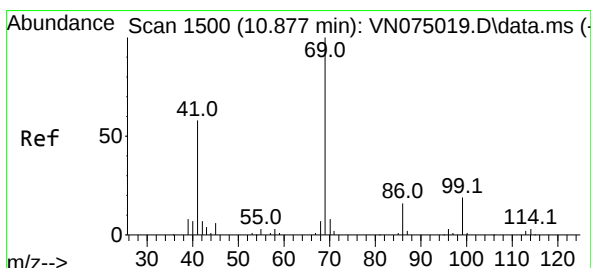
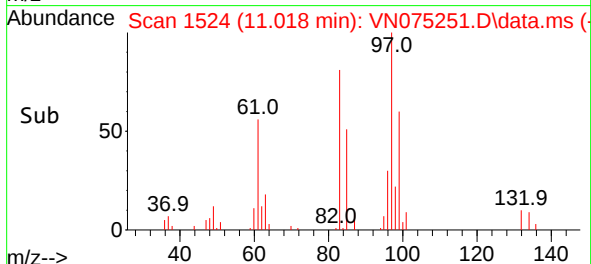
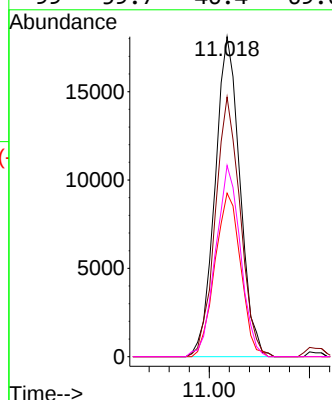
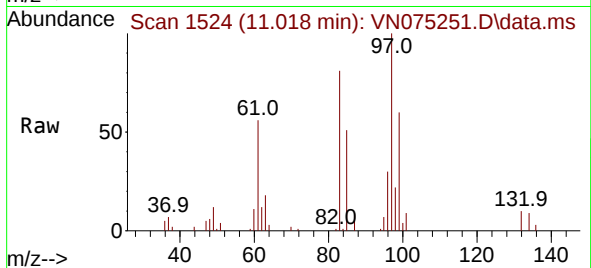
#55
1,1,2-Trichloroethane
Concen: 19.950 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.9	98.9
85	51.1	40.4	60.6
99	59.7	46.4	69.6

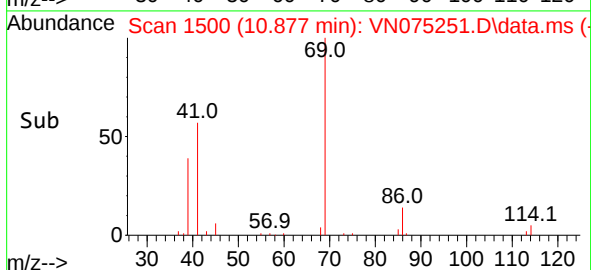
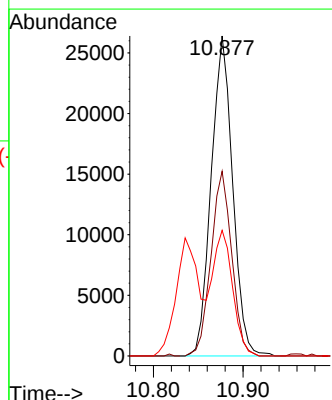
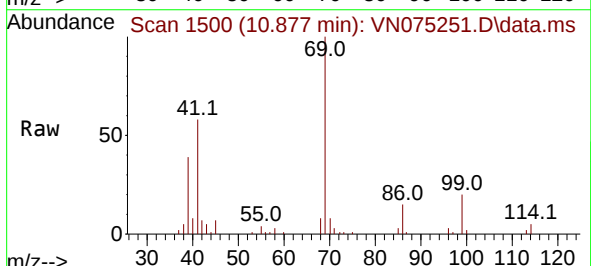
Manual Integrations
APPROVED

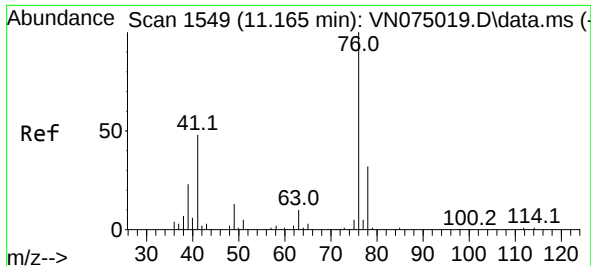
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#56
Ethyl methacrylate
Concen: 18.354 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.9	45.6	68.4
39	36.0	28.5	42.7





#57

1,3-Dichloropropane

Concen: 19.617 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 76 Resp: 5111

Ion Ratio Lower Upper

76 100

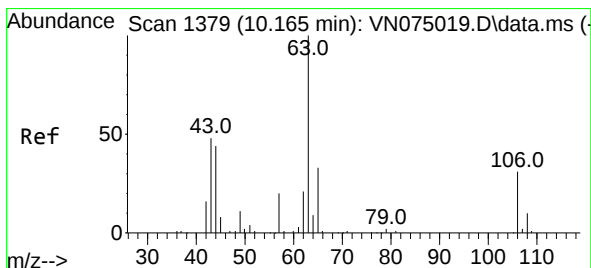
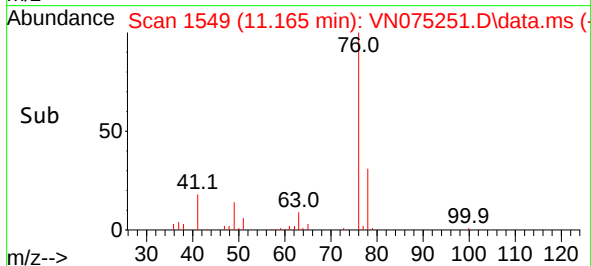
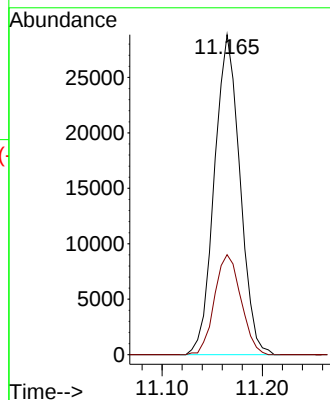
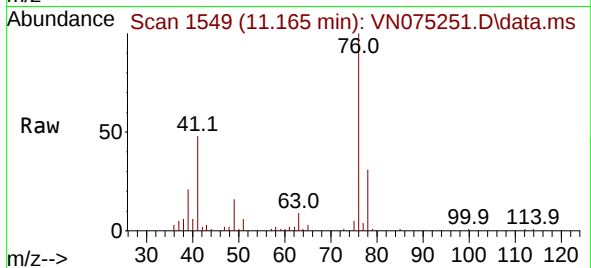
78 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 94.059 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075251.D

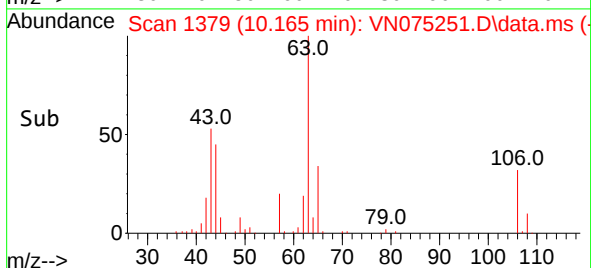
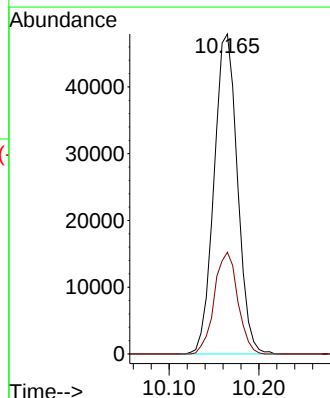
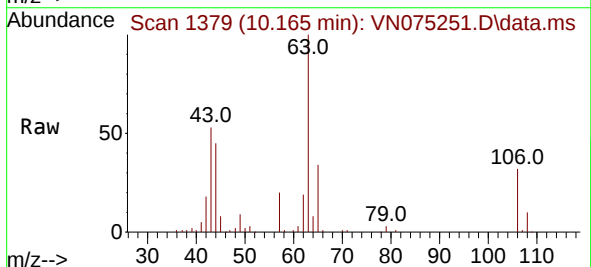
Acq: 11 Nov 2022 16:29

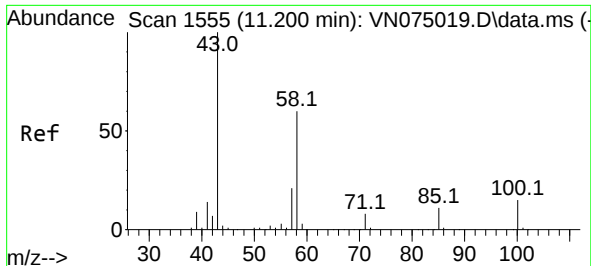
Tgt Ion: 63 Resp: 86782

Ion Ratio Lower Upper

63 100

106 31.8 24.8 37.2





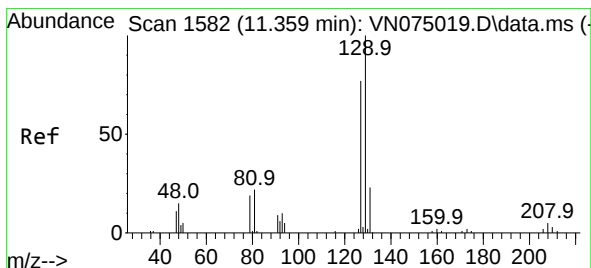
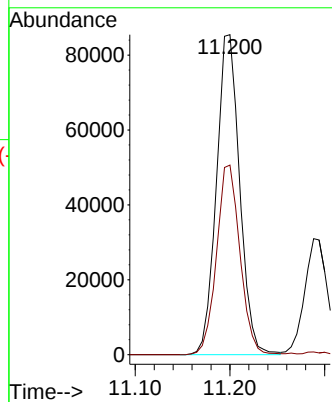
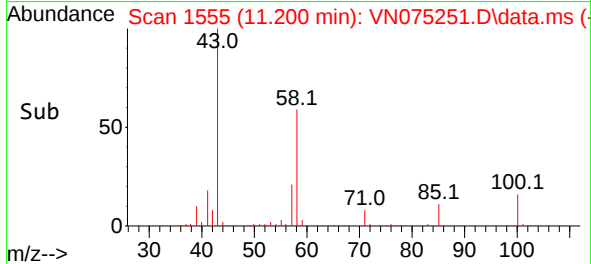
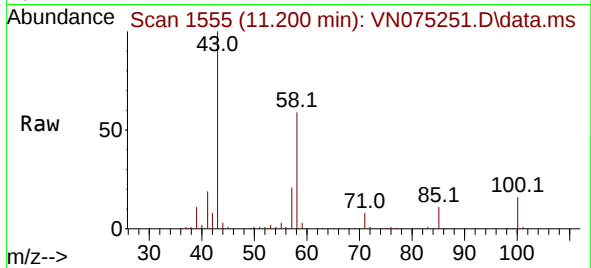
#59
2-Hexanone
Concen: 90.892 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 43 Resp: 145988
Ion Ratio Lower Upper
43 100
58 59.7 29.6 88.8

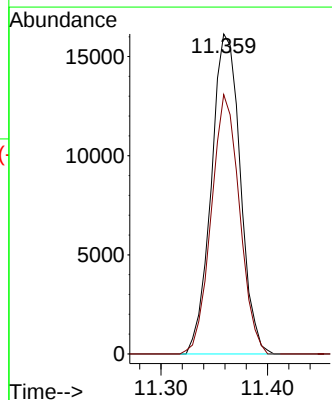
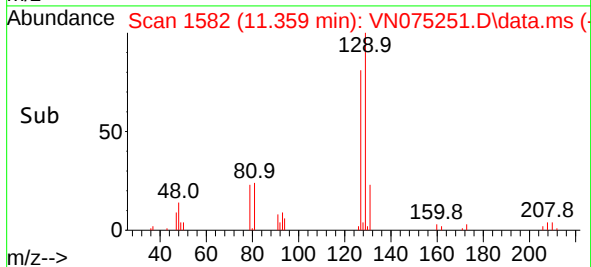
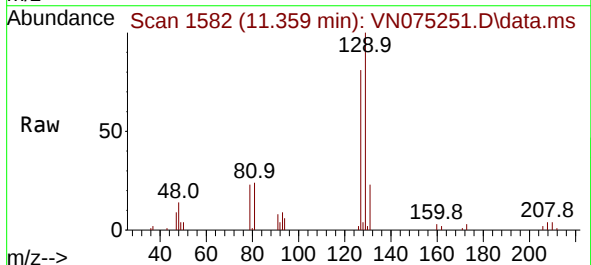
Manual Integrations
APPROVED

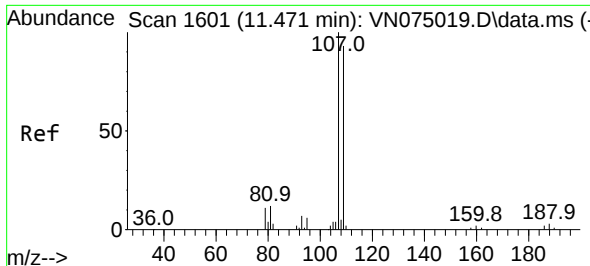
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#60
Dibromochloromethane
Concen: 18.461 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion:129 Resp: 30473
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.8





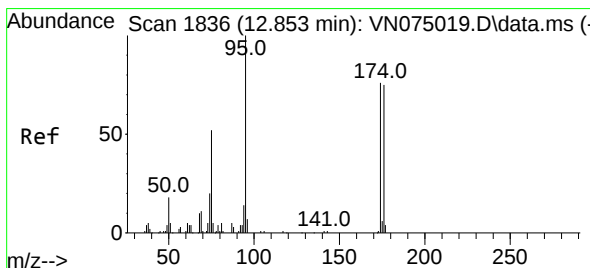
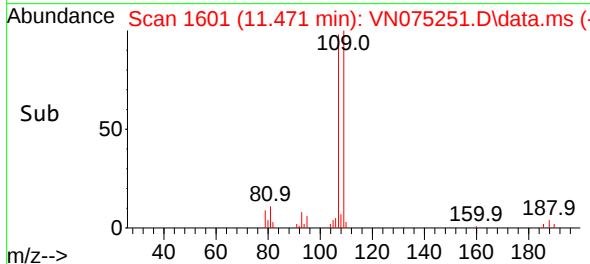
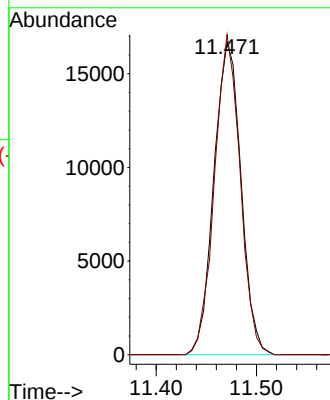
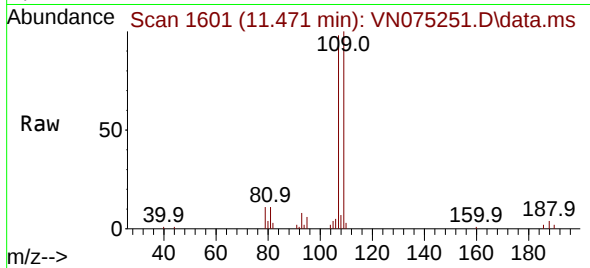
#61
1,2-Dibromoethane
Concen: 19.529 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion:107 Resp: 31312
Ion Ratio Lower Upper
107 100
109 96.9 75.6 113.4

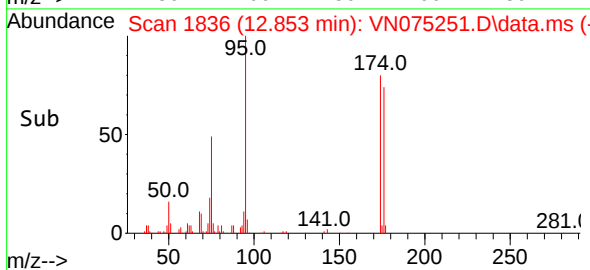
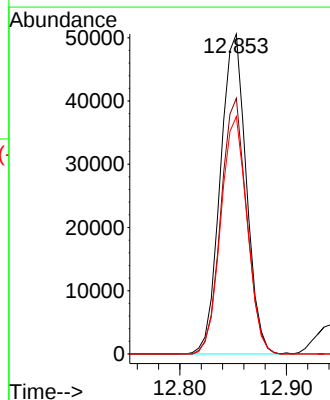
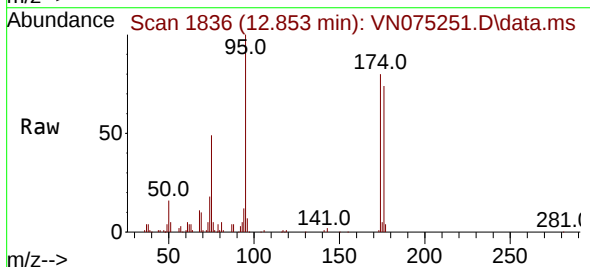
Manual Integrations
APPROVED

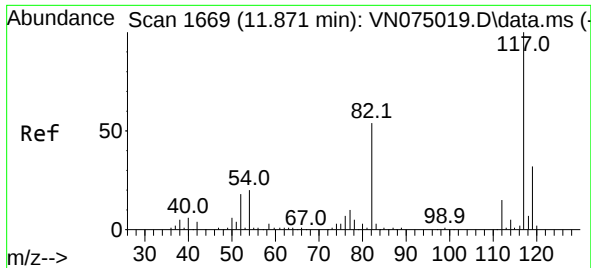
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#62
4-Bromofluorobenzene
Concen: 50.341 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion: 95 Resp: 85434
Ion Ratio Lower Upper
95 100
174 79.4 0.0 147.4
176 75.3 0.0 142.2





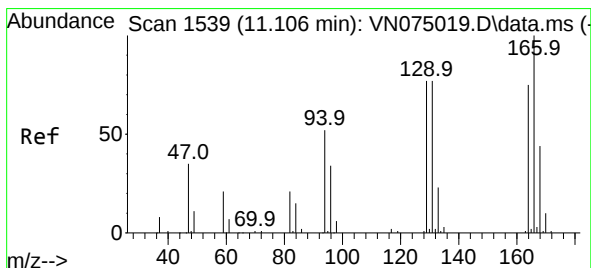
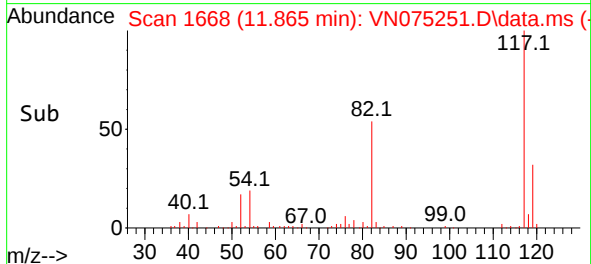
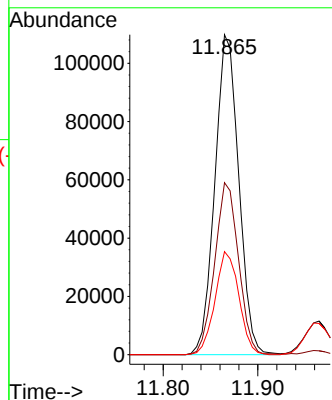
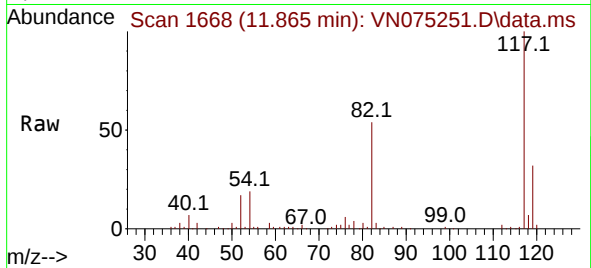
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion:117 Resp: 192554
Ion Ratio Lower Upper
117 100
82 53.8 43.1 64.7
119 32.2 25.5 38.3

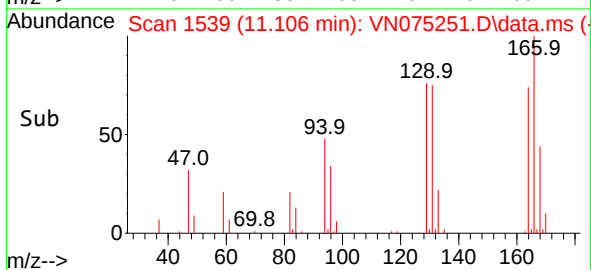
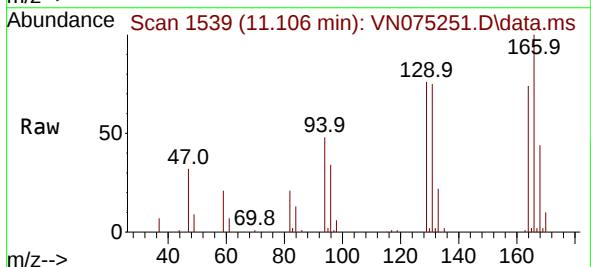
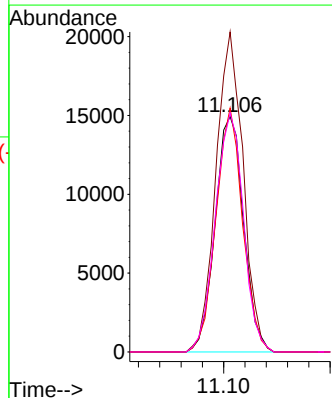
Manual Integrations
APPROVED

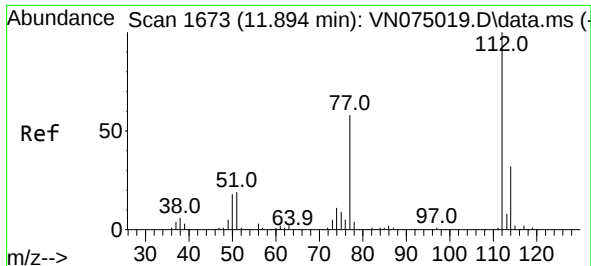
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#64
Tetrachloroethene
Concen: 23.476 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion:164 Resp: 27714
Ion Ratio Lower Upper
164 100
166 136.0 106.5 159.7
129 103.6 81.9 122.9
131 101.5 81.4 122.2





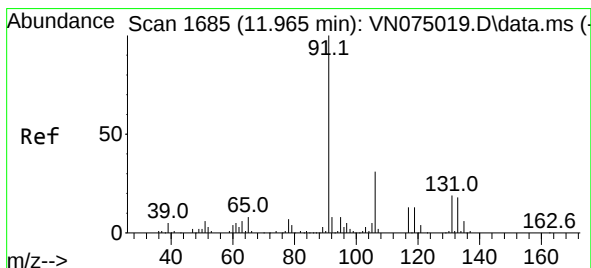
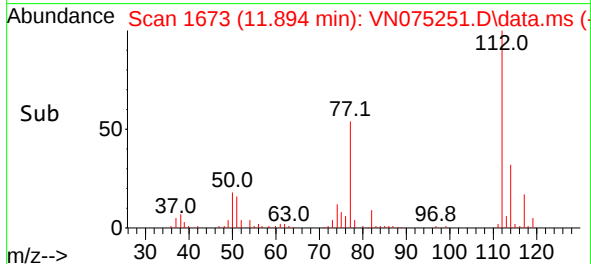
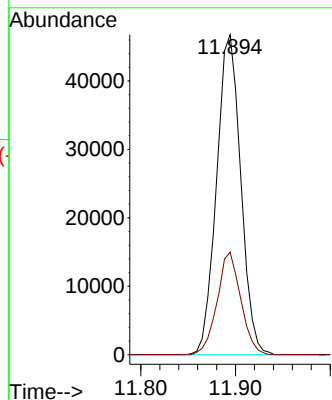
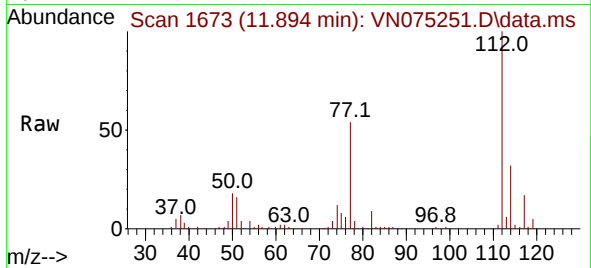
#65
Chlorobenzene
Concen: 20.171 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion:112 Resp: 82904
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

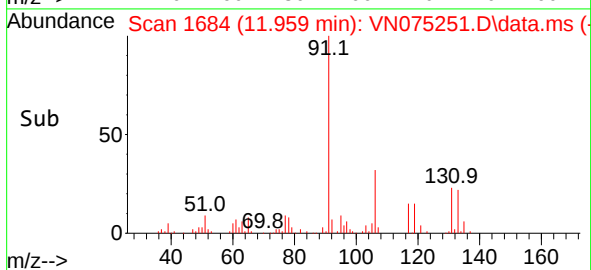
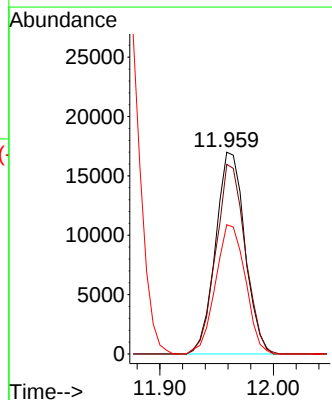
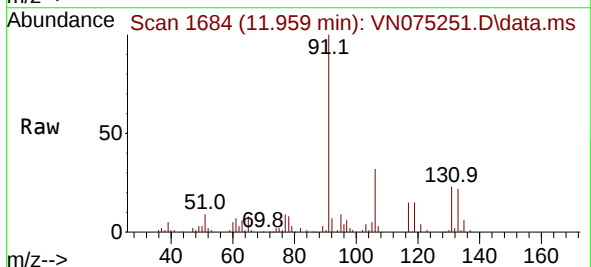
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.987 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion:131 Resp: 30474
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 65.2 33.0 99.0





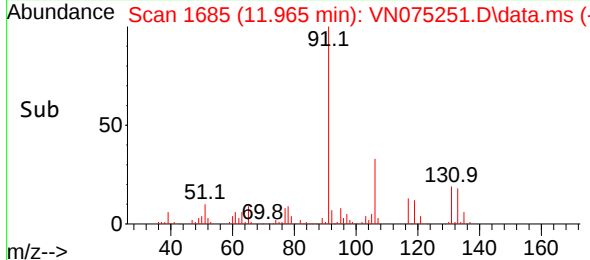
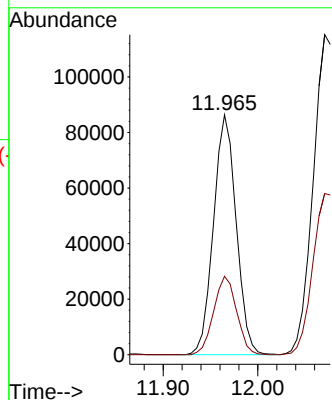
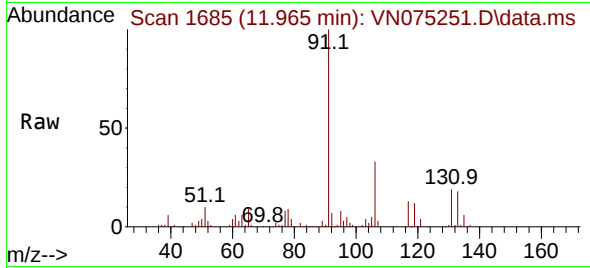
#67
Ethyl Benzene
Concen: 19.440 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 91 Resp: 14375
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

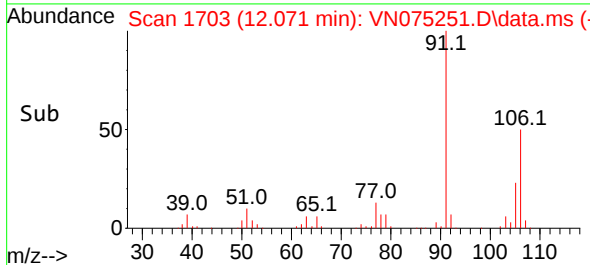
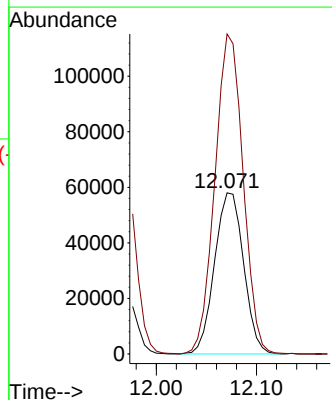
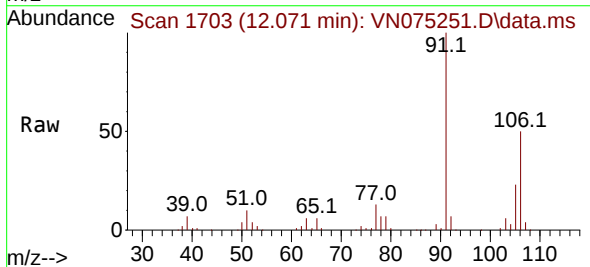
Manual Integrations
APPROVED

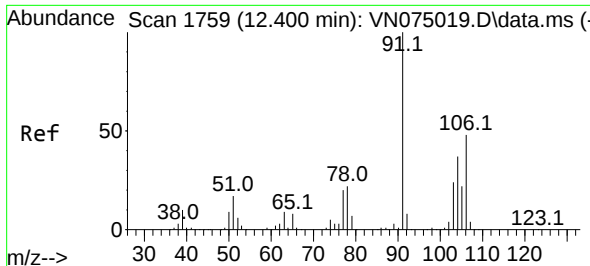
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#68
m/p-Xylenes
Concen: 39.206 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Tgt Ion:106 Resp: 116329
Ion Ratio Lower Upper
106 100
91 193.3 156.0 234.0





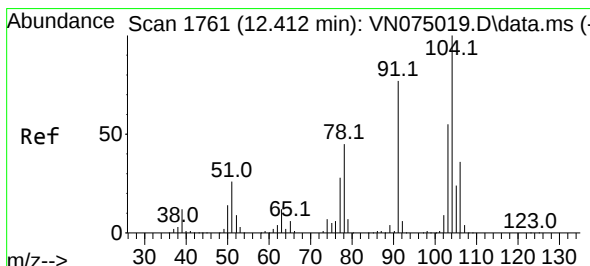
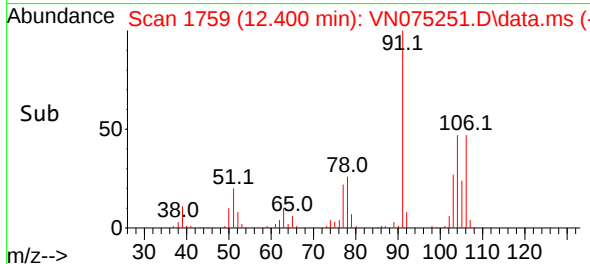
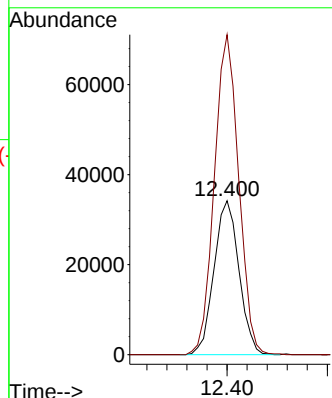
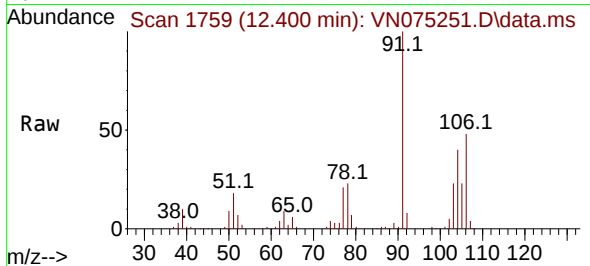
#69
o-Xylene
Concen: 20.152 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion:106 Resp: 5913
Ion Ratio Lower Upper
106 100
91 202.7 105.2 315.5

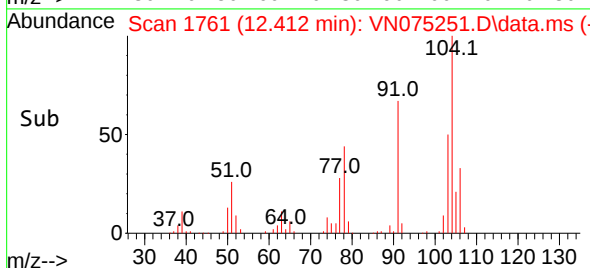
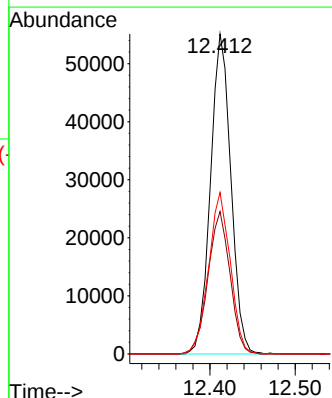
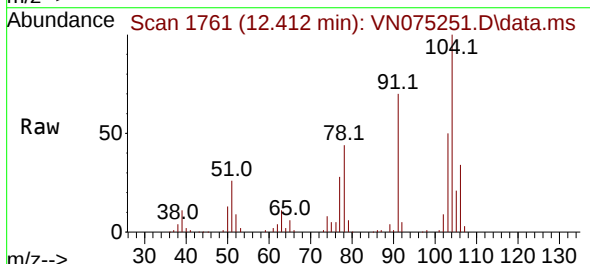
Manual Integrations
APPROVED

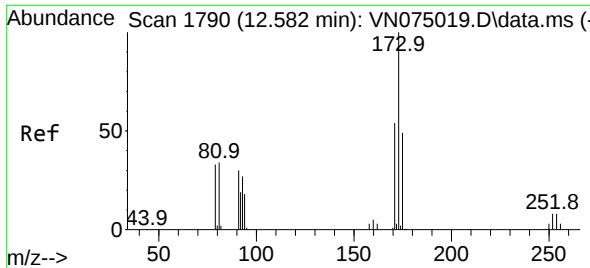
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#70
Styrene
Concen: 19.586 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

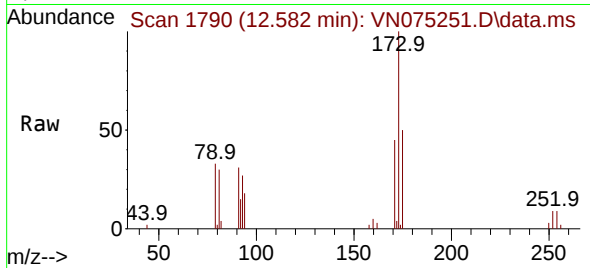
Tgt Ion:104 Resp: 91637
Ion Ratio Lower Upper
104 100
78 47.9 38.1 57.1
103 53.7 44.6 66.8





#71
Bromoform
Concen: 19.090 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

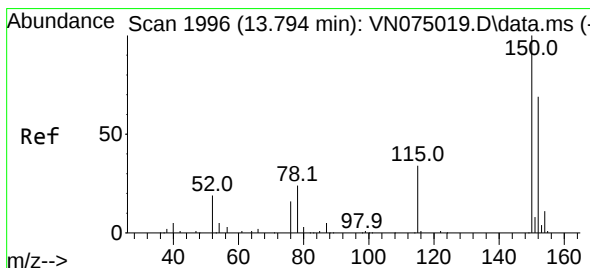
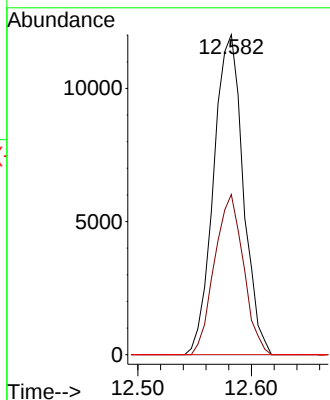
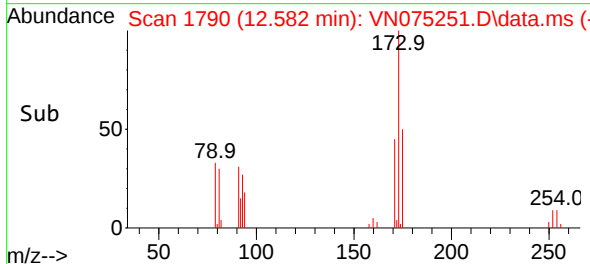
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



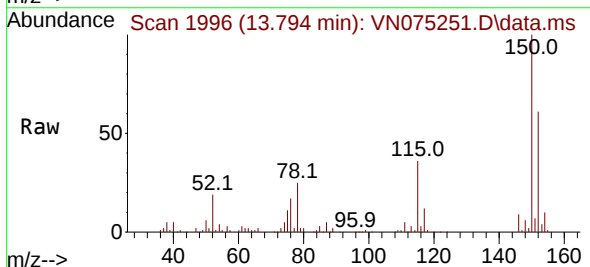
Tgt Ion:173 Resp: 21792
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
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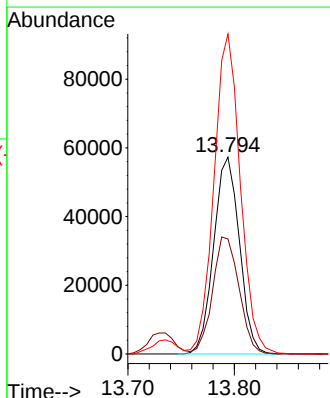
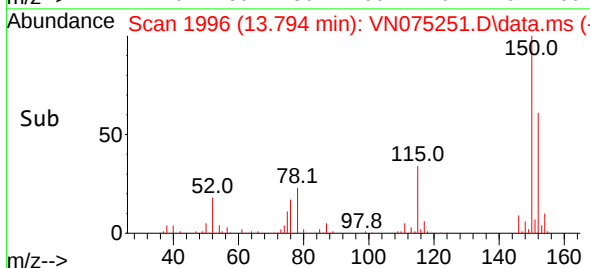
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

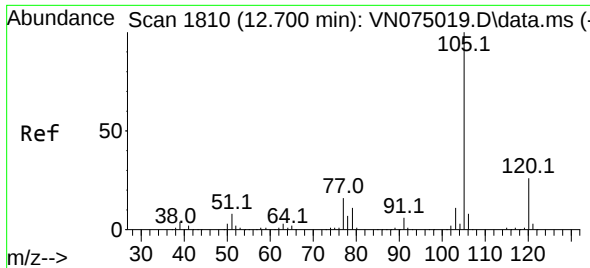


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29



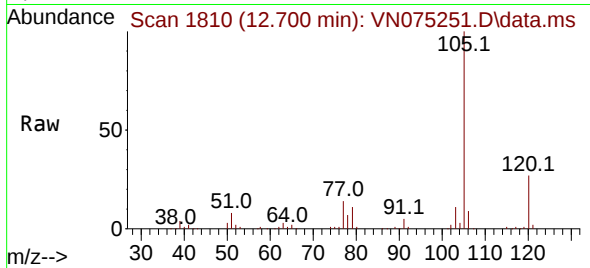
Tgt Ion:152 Resp: 96041
Ion Ratio Lower Upper
152 100
115 61.1 30.2 90.6
150 166.7 0.0 348.4





#73
Isopropylbenzene
Concen: 18.845 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

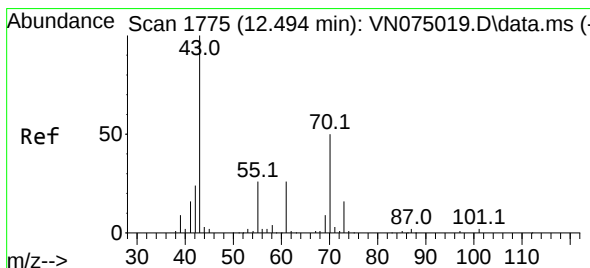
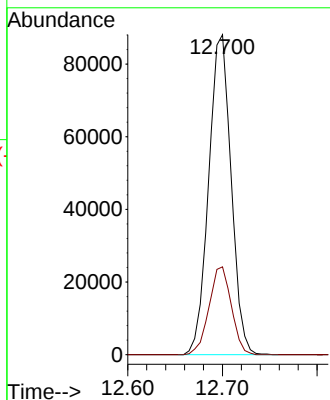
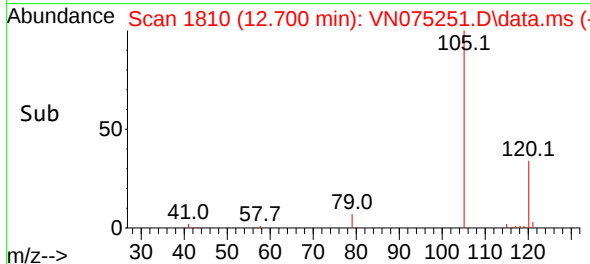
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



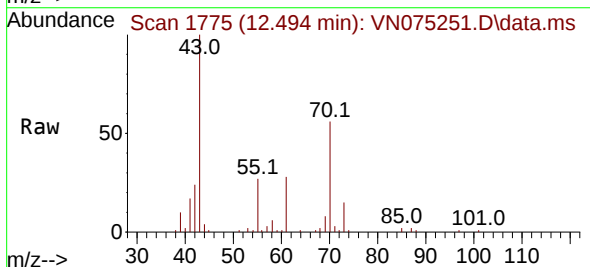
Tgt Ion:105 Resp: 145300
Ion Ratio Lower Upper
105 100
120 27.3 13.1 39.1

Manual Integrations
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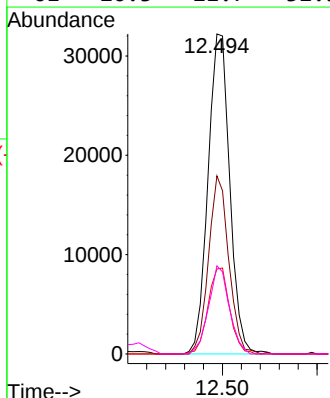
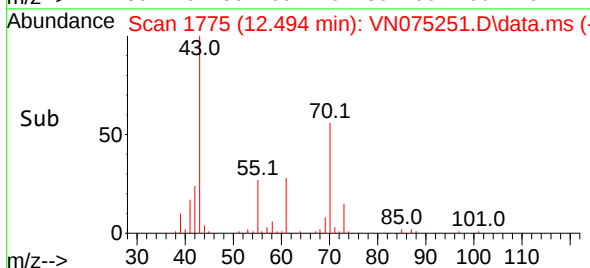
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

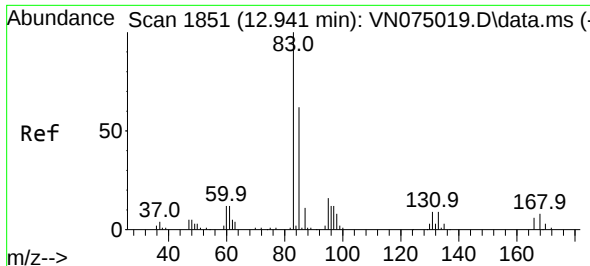


#74
N-ethyl acetate
Concen: 18.008 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29



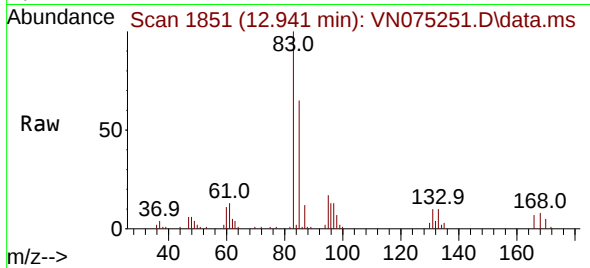
Tgt Ion: 43 Resp: 51353
Ion Ratio Lower Upper
43 100
70 51.8 39.8 59.8
55 26.8 19.9 29.9
61 26.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 18.533 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

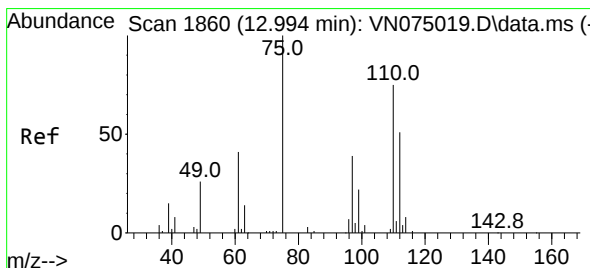
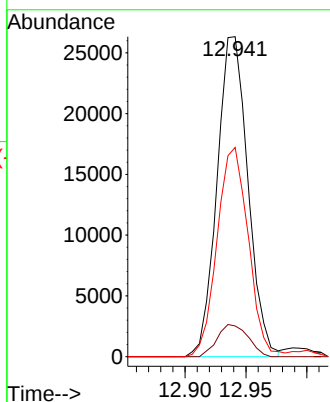
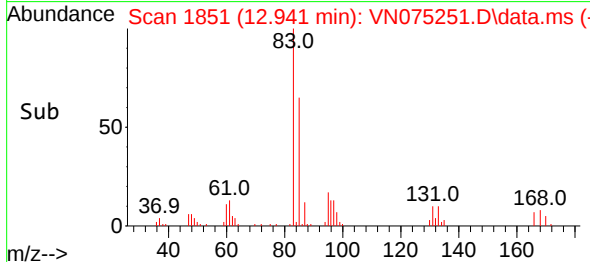
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



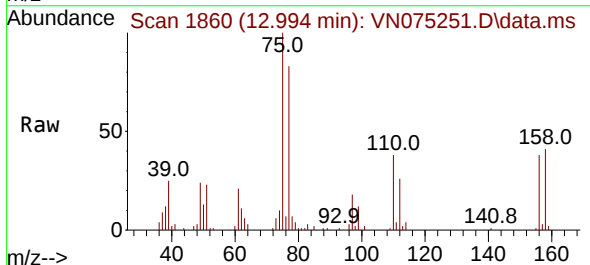
Tgt Ion: 83 Resp: 46548
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 65.9 31.6 94.7

Manual Integrations
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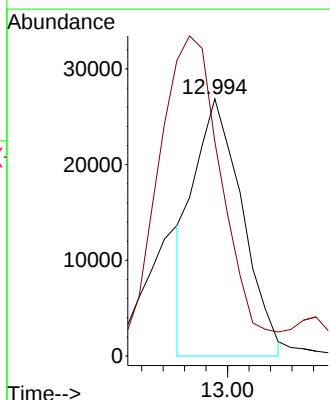
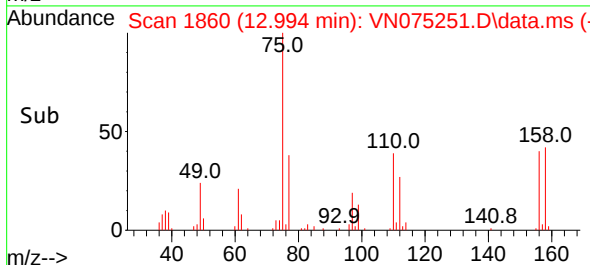
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

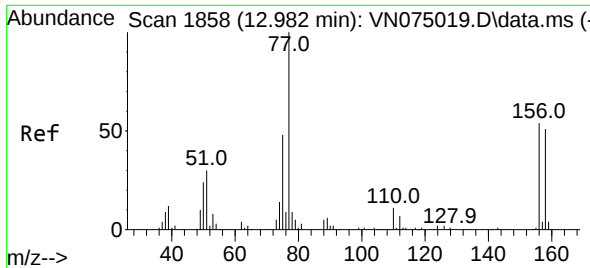


#76
1,2,3-Trichloropropane
Concen: 20.789 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29



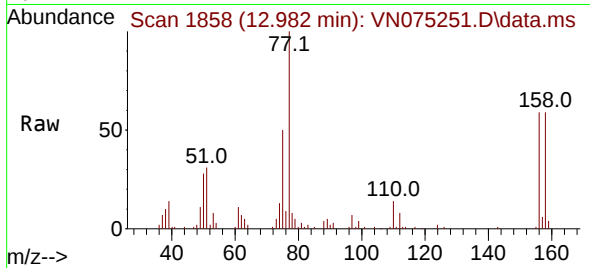
Tgt Ion: 75 Resp: 42393
Ion Ratio Lower Upper
75 100
77 166.2 75.6 226.8





#77
Bromobenzene
Concen: 19.668 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

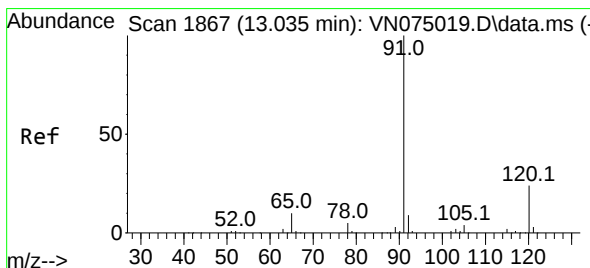
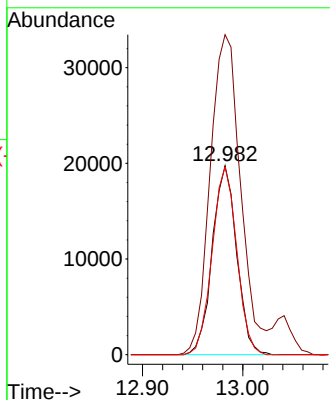
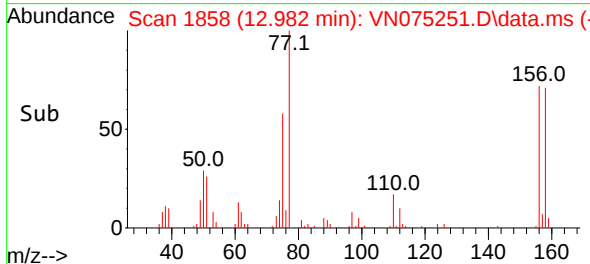
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



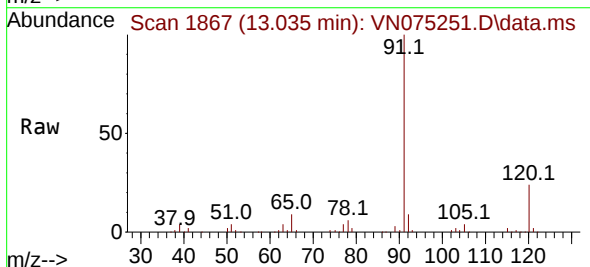
Tgt Ion:156 Resp: 3339
Ion Ratio Lower Upper
156 100
77 211.0 108.5 325.5
158 100.1 47.7 143.1

Manual Integrations
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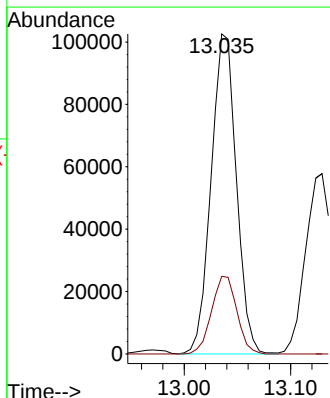
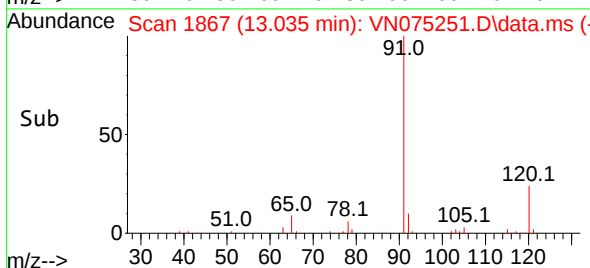
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

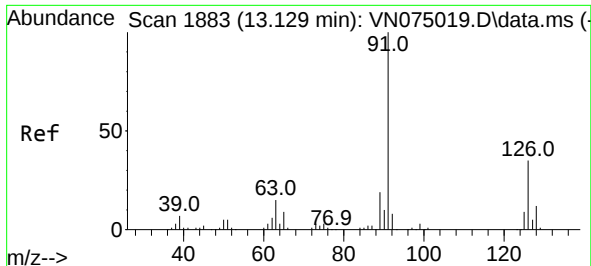


#78
n-propylbenzene
Concen: 19.515 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29



Tgt Ion: 91 Resp: 168932
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.5





#79

2-Chlorotoluene

Concen: 19.394 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 91 Resp: 102589

Ion Ratio Lower Upper

91 100

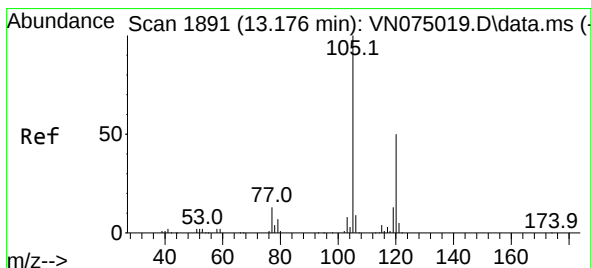
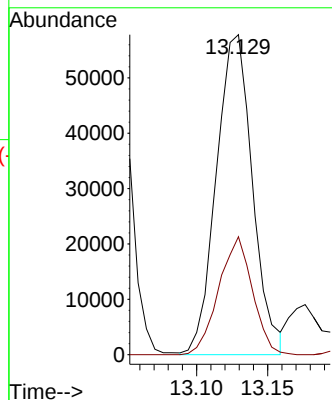
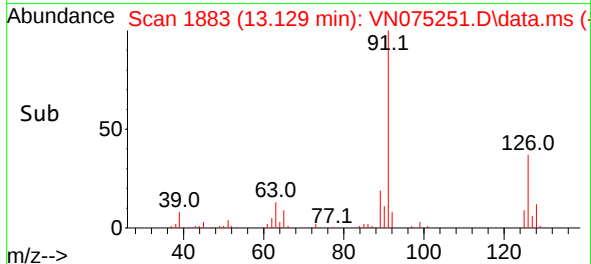
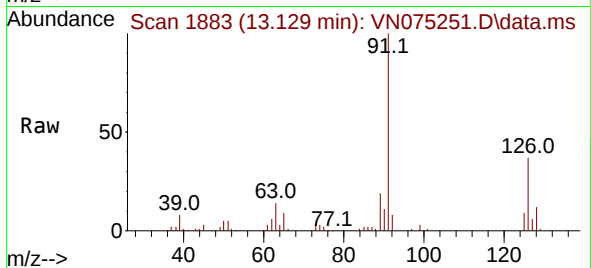
126 34.3 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#80

1,3,5-Trimethylbenzene

Concen: 19.739 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075251.D

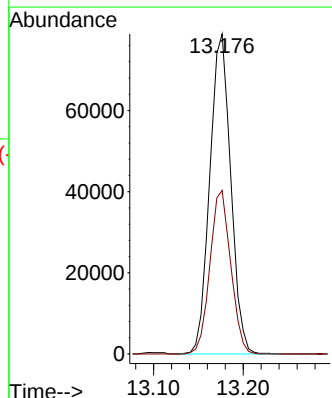
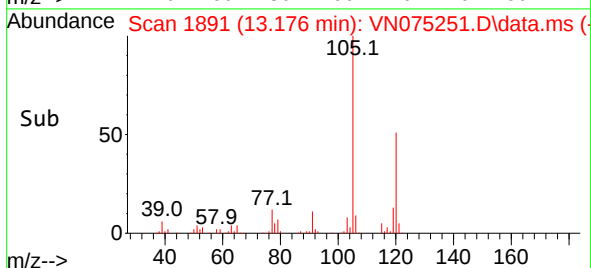
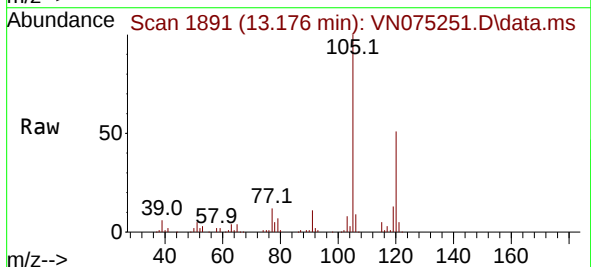
Acq: 11 Nov 2022 16:29

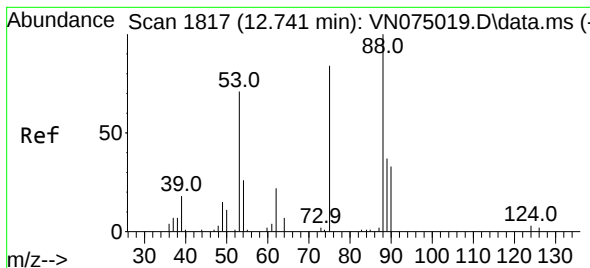
Tgt Ion:105 Resp: 127830

Ion Ratio Lower Upper

105 100

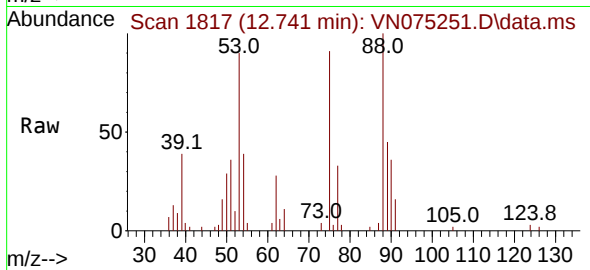
120 50.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 15.436 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

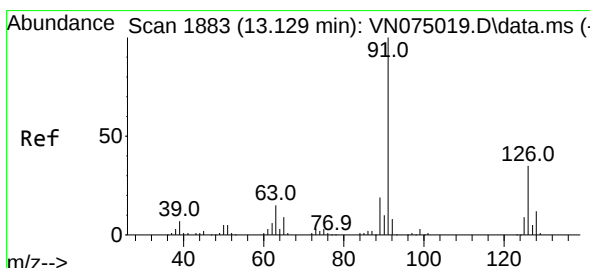
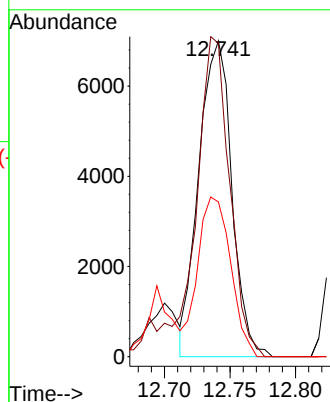
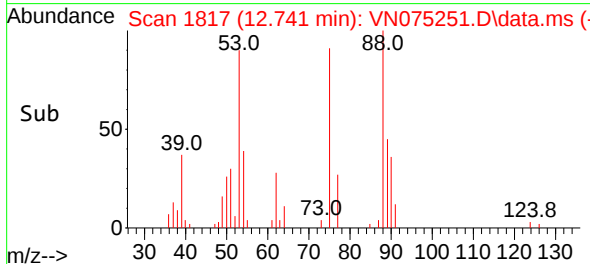
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 75 Resp: 1226
Ion Ratio Lower Upper
75 100
53 108.7 78.5 117.7
89 50.9 37.7 56.5

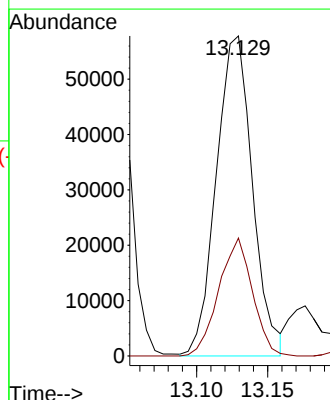
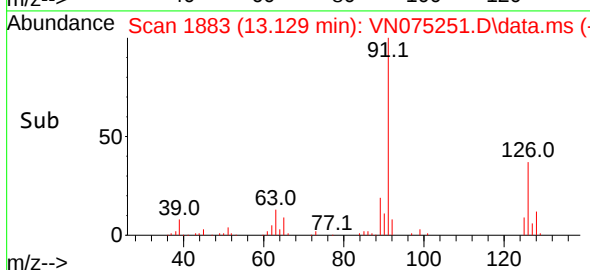
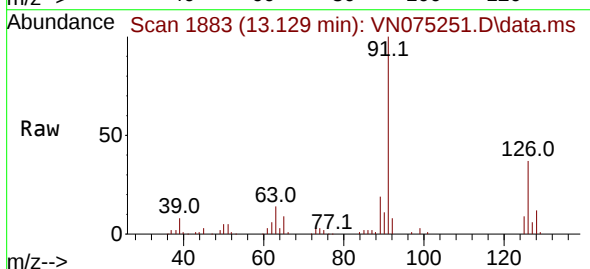
Manual Integrations
APPROVED

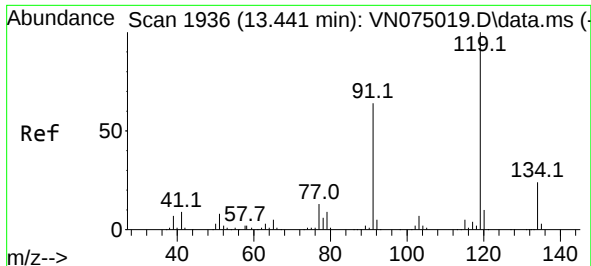
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#82
4-Chlorotoluene
Concen: 19.394 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

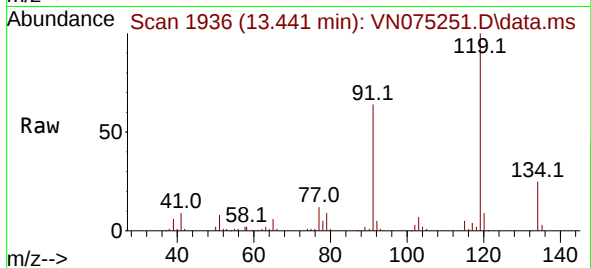
Tgt Ion: 91 Resp: 102589
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.542 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

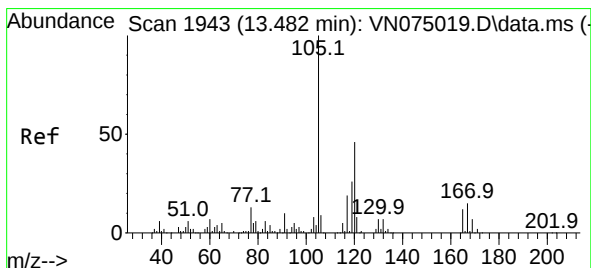
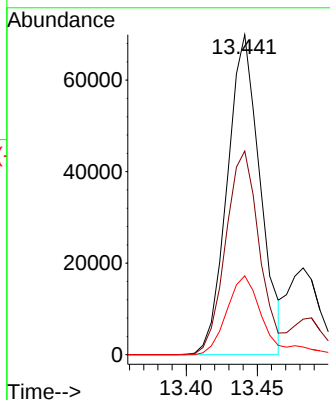
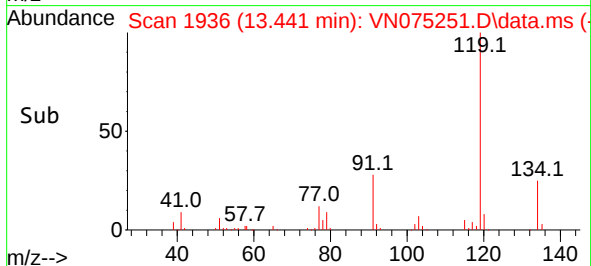
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



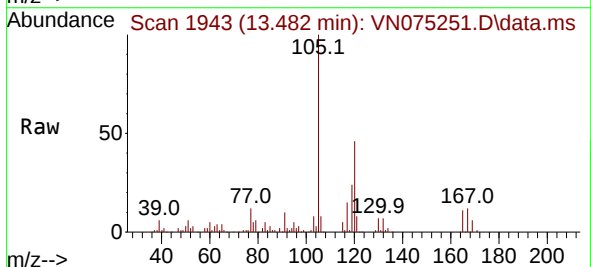
Tgt Ion:119 Resp: 11245
Ion Ratio Lower Upper
119 100
91 66.5 32.8 98.4
134 27.4 12.3 36.9

Manual Integrations
APPROVED

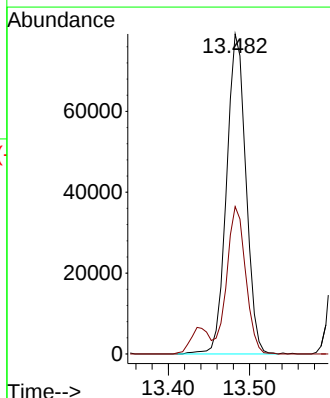
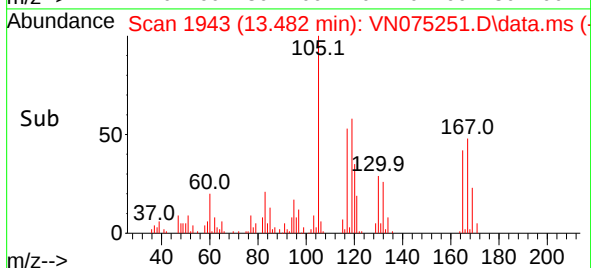
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

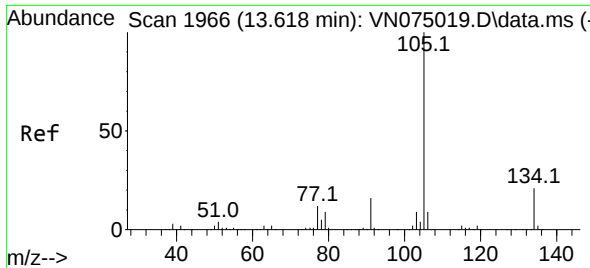


#84
1,2,4-Trimethylbenzene
Concen: 19.971 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29



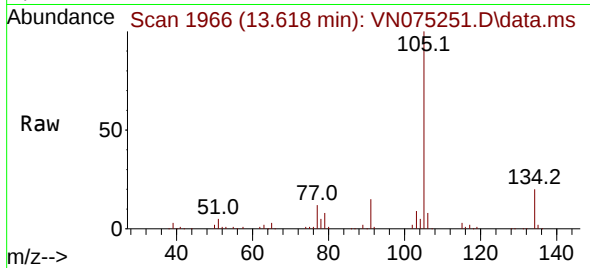
Tgt Ion:105 Resp: 130857
Ion Ratio Lower Upper
105 100
120 45.2 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 19.539 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075251.D
 Acq: 11 Nov 2022 16:29

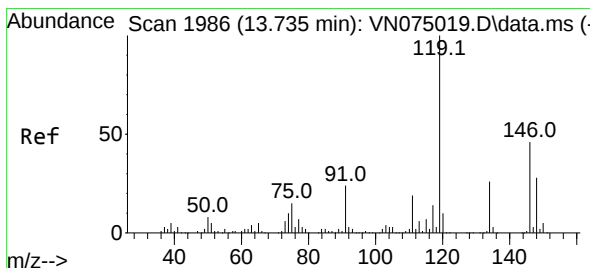
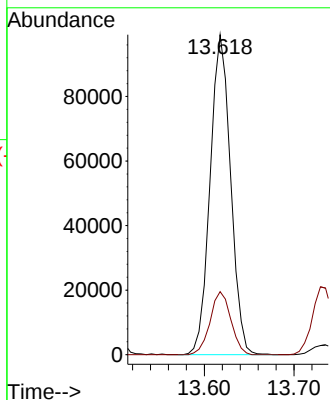
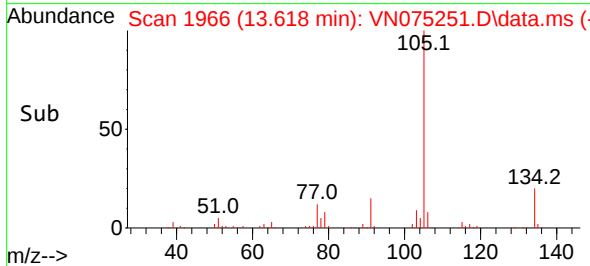
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01



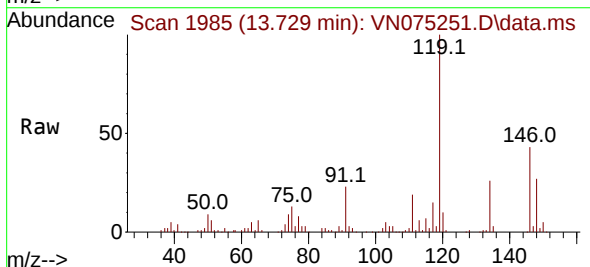
Tgt Ion:105 Resp: 157290
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.6

Manual Integrations
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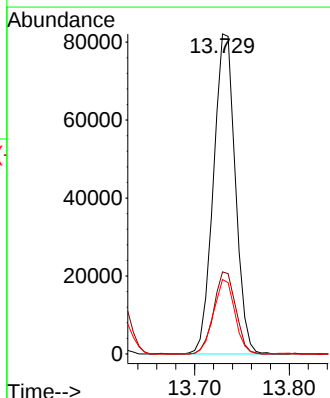
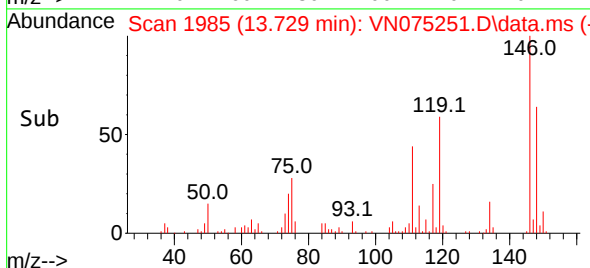
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

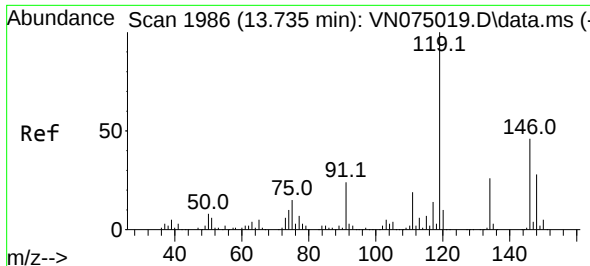


#86
 p-Isopropyltoluene
 Concen: 19.811 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075251.D
 Acq: 11 Nov 2022 16:29



Tgt Ion:119 Resp: 131706
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 22.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.897 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

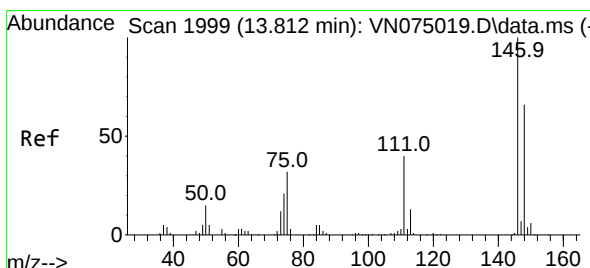
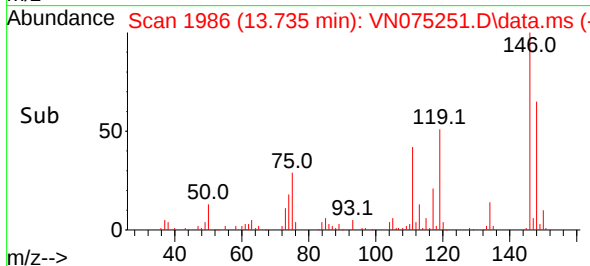
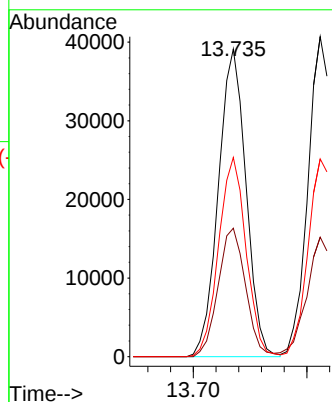
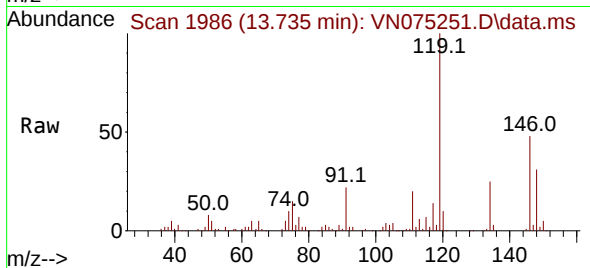
Tgt Ion:146 Resp: 66140
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.5
 148 64.3 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#88

1,4-Dichlorobenzene

Concen: 20.479 ug/l

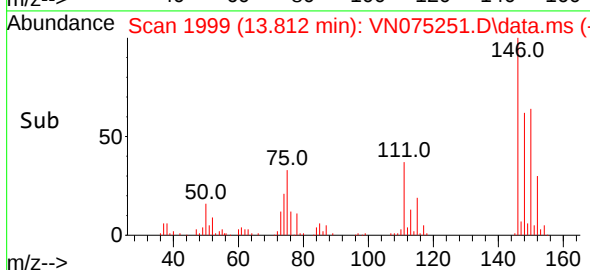
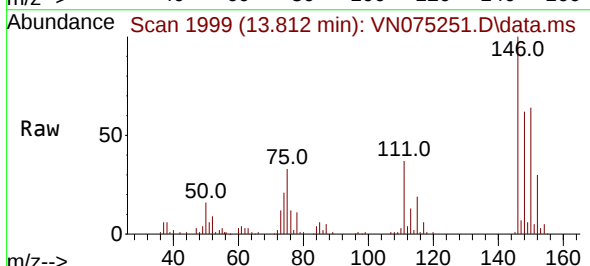
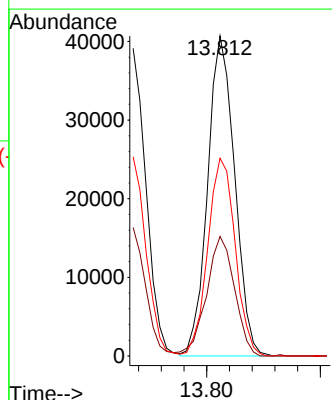
RT: 13.812 min Scan# 1999

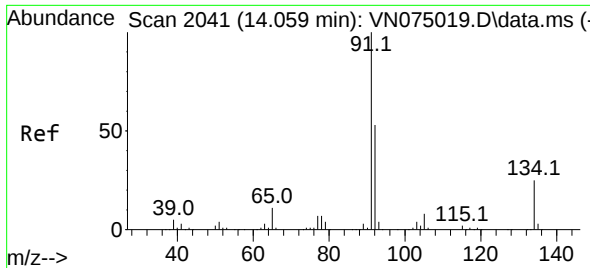
Delta R.T. -0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Tgt Ion:146 Resp: 67369
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.1 60.3
 148 62.7 31.9 95.7





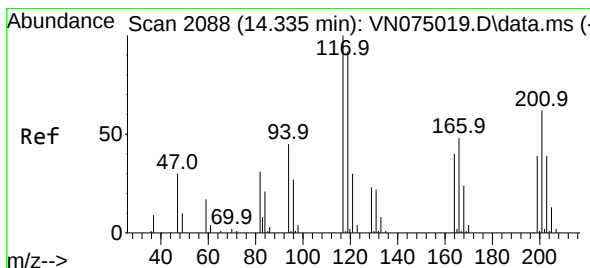
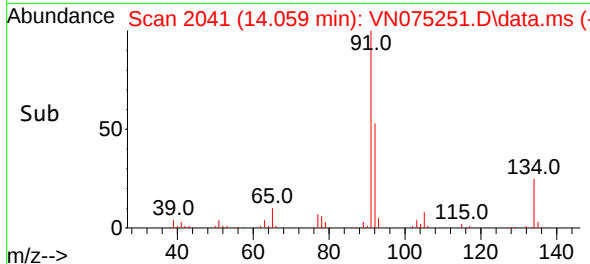
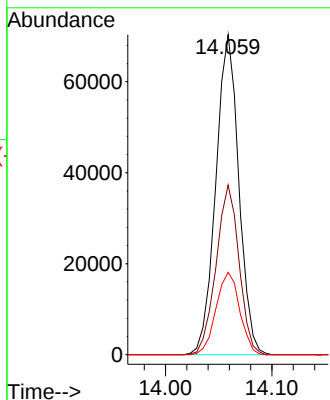
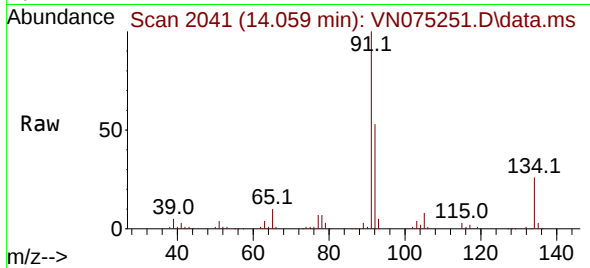
#89
n-Butylbenzene
Concen: 19.672 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 91 Resp: 105310
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.4
134 26.4 13.0 39.0

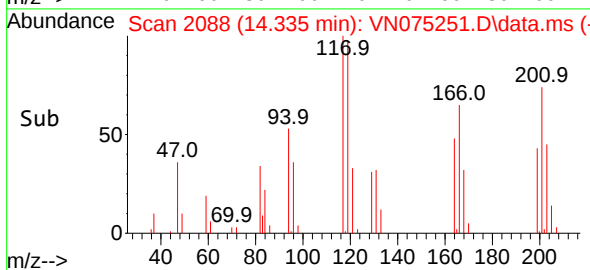
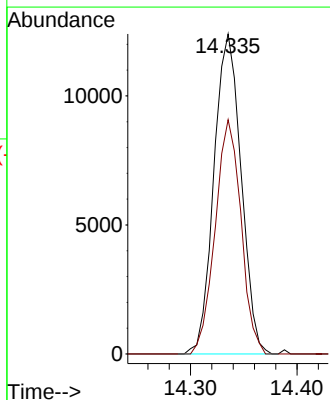
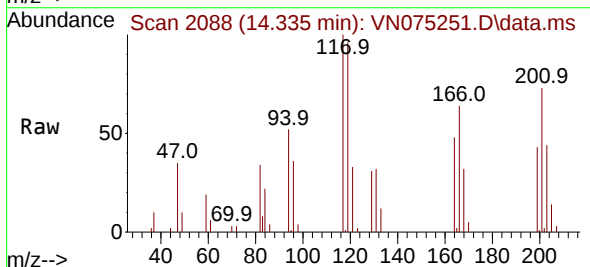
Manual Integrations
APPROVED

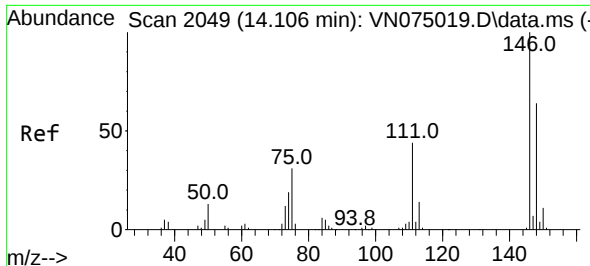
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#90
Hexachloroethane
Concen: 17.995 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

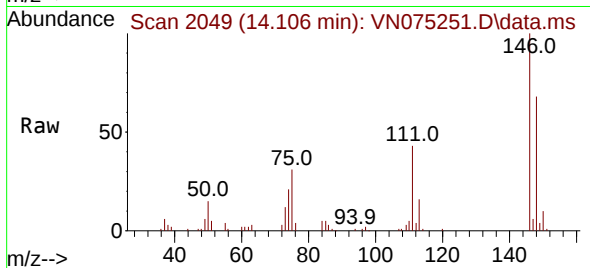
Tgt Ion:117 Resp: 21935
Ion Ratio Lower Upper
117 100
201 69.6 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 19.948 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

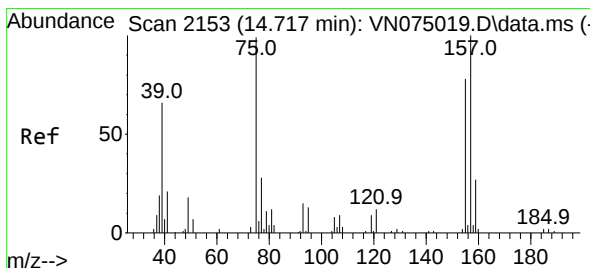
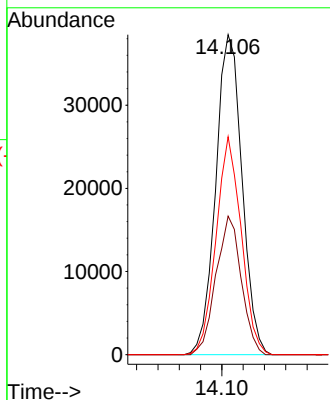
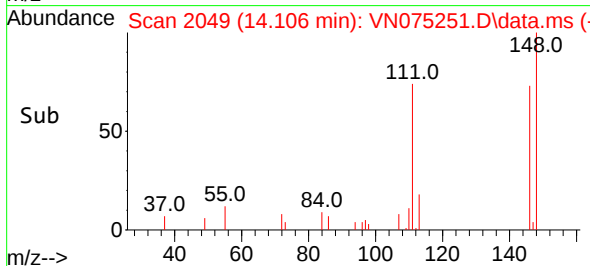
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



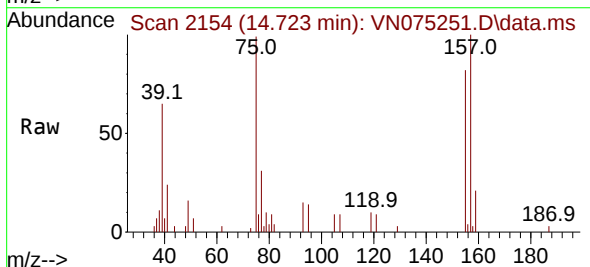
Tgt Ion:146 Resp: 65920
Ion Ratio Lower Upper
146 100
111 41.7 21.3 63.9
148 65.2 31.4 94.2

Manual Integrations
APPROVED

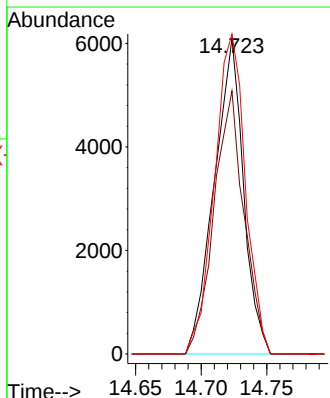
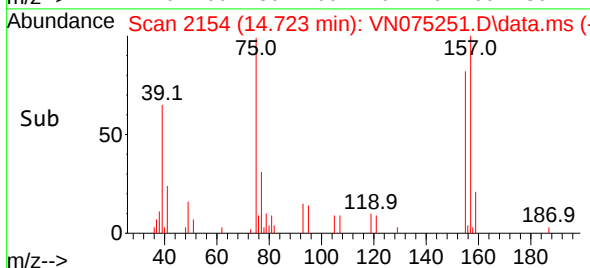
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

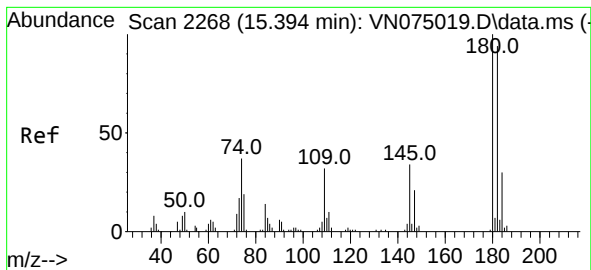


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.109 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29



Tgt Ion: 75 Resp: 9418
Ion Ratio Lower Upper
75 100
155 85.7 42.1 126.3
157 107.8 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 22.486 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

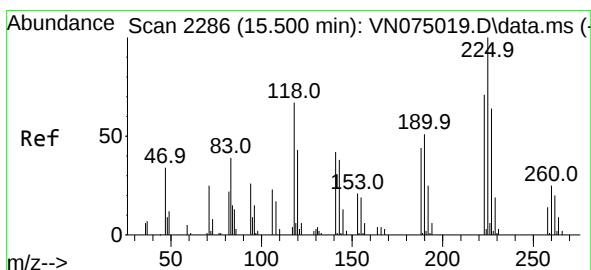
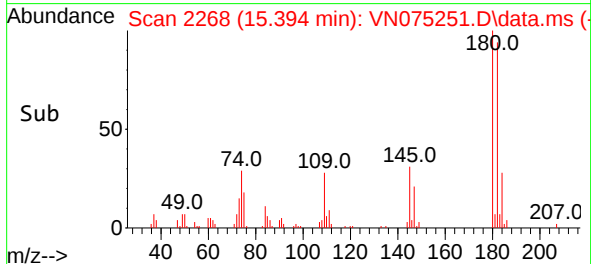
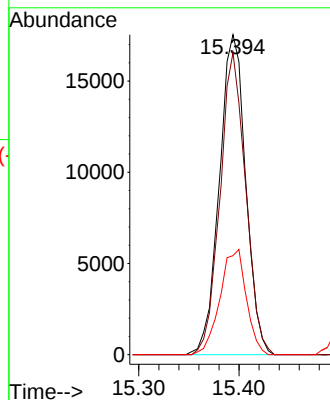
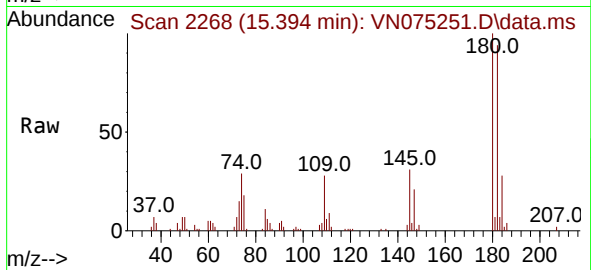
Tgt Ion:180	Resp:	31970
Ion Ratio	Lower	Upper
180	100	
182	91.5	47.8 143.4
145	32.9	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#94

Hexachlorobutadiene

Concen: 21.394 ug/l

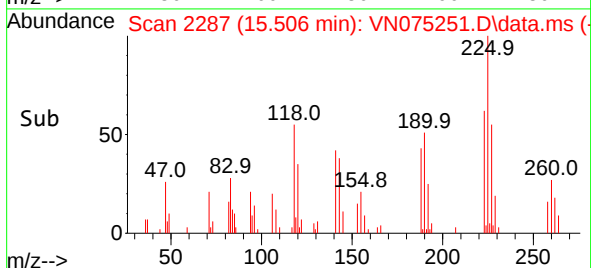
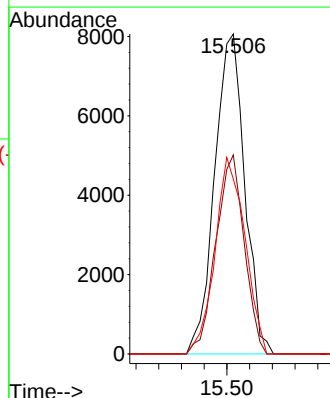
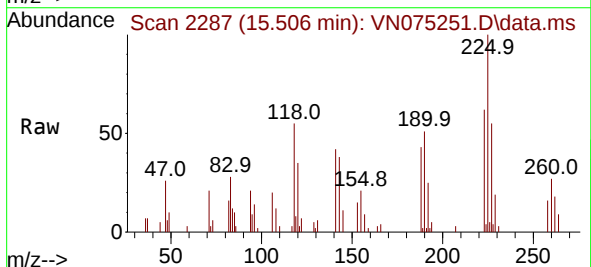
RT: 15.506 min Scan# 2287

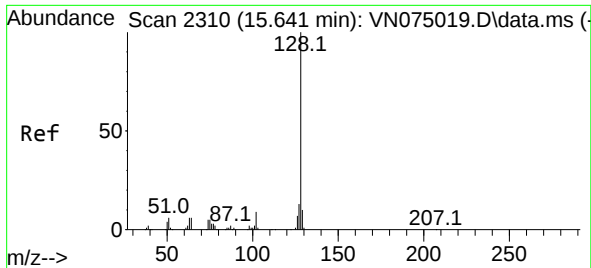
Delta R.T. 0.006 min

Lab File: VN075251.D

Acq: 11 Nov 2022 16:29

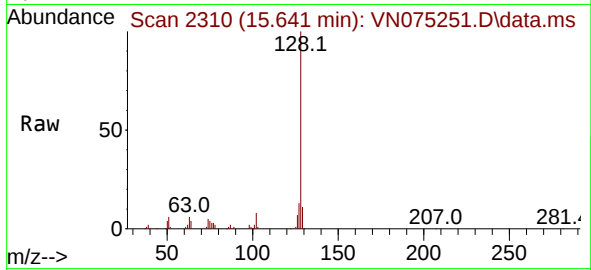
Tgt Ion:225	Resp:	14831
Ion Ratio	Lower	Upper
225	100	
223	58.7	32.3 96.9
227	61.3	32.0 96.2





#95
Naphthalene
Concen: 20.259 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29

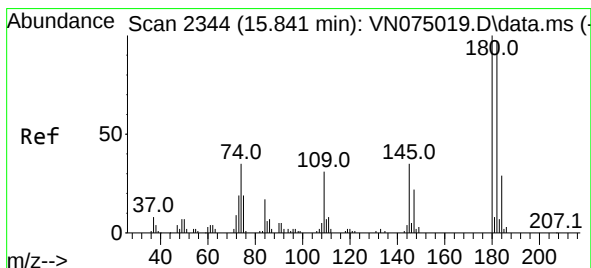
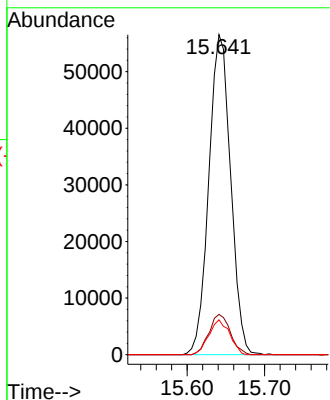
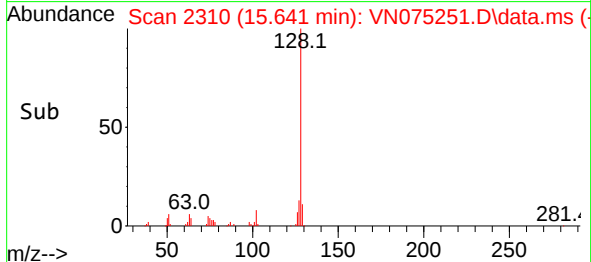
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



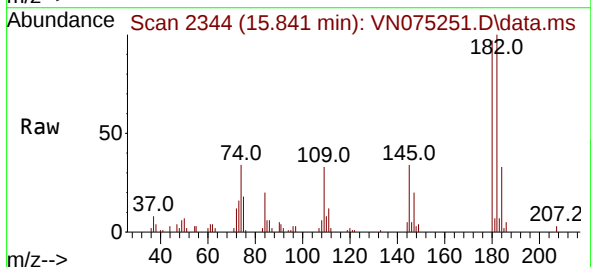
Tgt Ion:128 Resp: 110788
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 10.4 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.266 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075251.D
Acq: 11 Nov 2022 16:29



Tgt Ion:180 Resp: 30048
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.8
145 33.3 17.6 52.9

