

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076200.D
 Acq On : 11 Jan 2023 11:16
 Operator : JC\MD
 Sample : VN0111WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2023
 Supervised By : Mahesh Dadoda 01/12/2023

Quant Time: Jan 12 00:31:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	348099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	556100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	491816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	173384	45.784	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.560%		
35) Dibromofluoromethane	8.171	113	158293	45.964	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.920%		
50) Toluene-d8	10.571	98	567174	44.048	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.100%		
62) 4-Bromofluorobenzene	12.847	95	199057	46.675	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	60117	24.323	ug/l	97
3) Chloromethane	2.371	50	59701	19.425	ug/l	97
4) Vinyl Chloride	2.530	62	68721	18.745	ug/l	99
5) Bromomethane	2.965	94	55451	17.797	ug/l	99
6) Chloroethane	3.136	64	48628	17.912	ug/l	92
7) Trichlorofluoromethane	3.518	101	103303	18.570	ug/l	90
8) Diethyl Ether	3.977	74	38958	19.174	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.395	101	59851	18.841	ug/l	99
10) Methyl Iodide	4.600	142	91343	17.719	ug/l	99
11) Tert butyl alcohol	5.536	59	44889	83.771	ug/l	99
12) 1,1-Dichloroethene	4.359	96	55639	18.034	ug/l	97
13) Acrolein	4.189	56	59973	91.291	ug/l	98
14) Allyl chloride	5.036	41	73319	20.330	ug/l	98
15) Acrylonitrile	5.730	53	135196	92.453	ug/l	99
16) Acetone	4.442	43	116643	89.351	ug/l	100
17) Carbon Disulfide	4.730	76	119613	16.013	ug/l #	95
18) Methyl Acetate	5.042	43	76787	19.899	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	205960	20.272	ug/l	100
20) Methylene Chloride	5.289	84	65498	18.350	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	59240	17.533	ug/l	97
22) Diisopropyl ether	6.677	45	172641	19.705	ug/l	98
23) Vinyl Acetate	6.612	43	545329	92.477	ug/l	98
24) 1,1-Dichloroethane	6.577	63	106259	18.186	ug/l	97
25) 2-Butanone	7.494	43	171991	94.094	ug/l	94
26) 2,2-Dichloropropane	7.500	77	88493	17.884	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	72904	18.041	ug/l	97
28) Bromochloromethane	7.824	49	43772	17.092	ug/l	98
29) Tetrahydrofuran	7.847	42	108176	94.438	ug/l	99
30) Chloroform	7.971	83	117207	17.816	ug/l	96
31) Cyclohexane	8.265	56	96437	17.781	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	103275	17.707	ug/l	97
36) 1,1-Dichloropropene	8.377	75	81752	17.870	ug/l	99
37) Ethyl Acetate	7.571	43	72289	19.672	ug/l	100
38) Carbon Tetrachloride	8.371	117	91977	17.963	ug/l	98
39) Methylcyclohexane	9.606	83	105831	19.175	ug/l	97
40) Benzene	8.612	78	259805	18.406	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	37251	19.502	ug/l	99
42) 1,2-Dichloroethane	8.677	62	89190	19.007	ug/l	99
43) Isopropyl Acetate	8.694	43	118120	19.486	ug/l	99
44) Trichloroethene	9.353	130	70164	17.645	ug/l	92
45) 1,2-Dichloropropane	9.624	63	61517	17.910	ug/l	99
46) Dibromomethane	9.712	93	47258	18.550	ug/l	99
47) Bromodichloromethane	9.888	83	91605	18.336	ug/l	97
48) Methyl methacrylate	9.682	41	52776	19.331	ug/l	95
49) 1,4-Dioxane	9.694	88	22450	334.483	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	354230	96.630	ug/l	99
52) Toluene	10.629	92	171974	18.708	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	88606	18.118	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	101279	18.862	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	69997	19.400	ug/l	100
56) Ethyl methacrylate	10.876	69	92931	19.390	ug/l	98
57) 1,3-Dichloropropane	11.165	76	111791	18.888	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	135012	88.481	ug/l	98
59) 2-Hexanone	11.200	43	255614	95.614	ug/l	100
60) Dibromochloromethane	11.359	129	73891	18.415	ug/l	100
61) 1,2-Dibromoethane	11.471	107	67167	18.395	ug/l	98
64) Tetrachloroethene	11.106	164	72229	20.871	ug/l	99
65) Chlorobenzene	11.894	112	183496	18.178	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	68854	18.415	ug/l	99
67) Ethyl Benzene	11.965	91	319807	18.772	ug/l	98
68) m/p-Xylenes	12.076	106	259112	38.426	ug/l	100
69) o-Xylene	12.400	106	128032	19.186	ug/l	99
70) Styrene	12.412	104	205147	19.335	ug/l	99
71) Bromoform	12.576	173	51658	18.987	ug/l #	99
73) Isopropylbenzene	12.700	105	330844	19.094	ug/l	98
74) N-amyl acetate	12.494	43	96486	18.981	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	96250	17.968	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	85583m	17.707	ug/l	
77) Bromobenzene	12.982	156	81155	18.507	ug/l	96
78) n-propylbenzene	13.035	91	368525	19.283	ug/l	100
79) 2-Chlorotoluene	13.129	91	219358	18.387	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	280370	19.333	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	28479	21.209	ug/l	94
82) 4-Chlorotoluene	13.129	91	219358	18.387	ug/l	98
83) tert-Butylbenzene	13.441	119	258982	20.255	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	280354	19.487	ug/l	99
85) sec-Butylbenzene	13.617	105	346407	19.628	ug/l	99
86) p-Isopropyltoluene	13.729	119	290848	19.806	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	145596	17.974	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	144350	17.444	ug/l	98
89) n-Butylbenzene	14.059	91	223612	18.796	ug/l	100
90) Hexachloroethane	14.335	117	47881	18.228	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	144712	18.137	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15052	15.836	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	67716	17.143	ug/l	99
94) Hexachlorobutadiene	15.506	225	37801	17.540	ug/l	100
95) Naphthalene	15.641	128	200301	16.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	66567	18.030	ug/l	100

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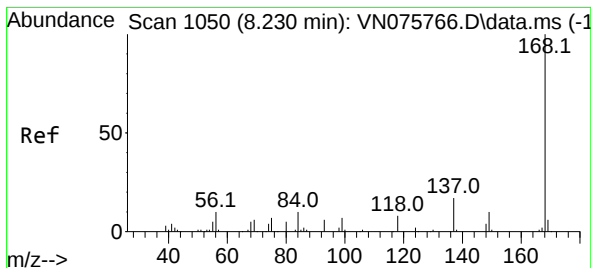
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

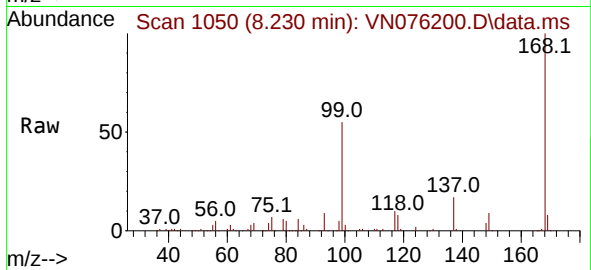
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076200.D
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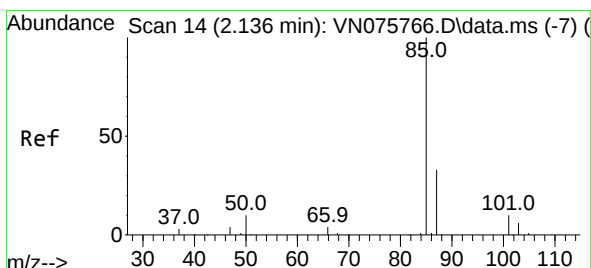
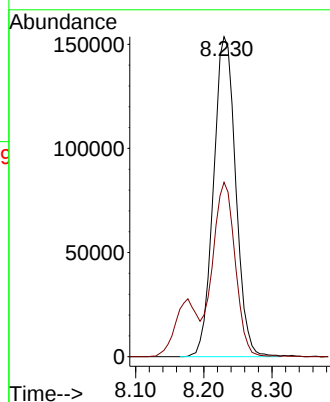
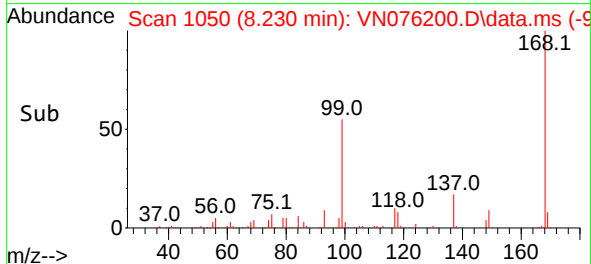
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion:168 Resp: 348099
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4

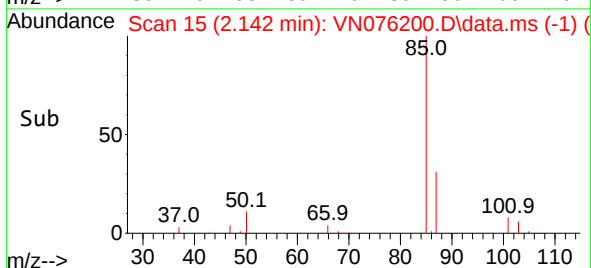
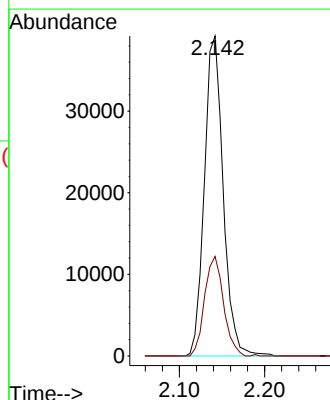
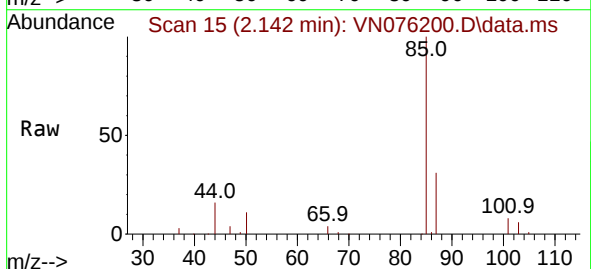
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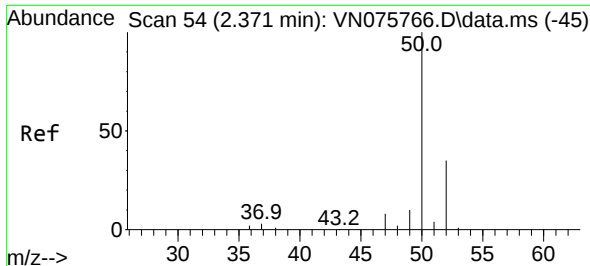
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#2
Dichlorodifluoromethane
Concen: 24.323 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

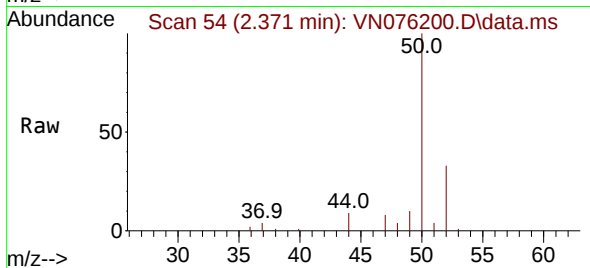
Tgt Ion: 85 Resp: 60117
Ion Ratio Lower Upper
85 100
87 31.1 16.3 48.9





#3
Chloromethane
Concen: 19.425 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

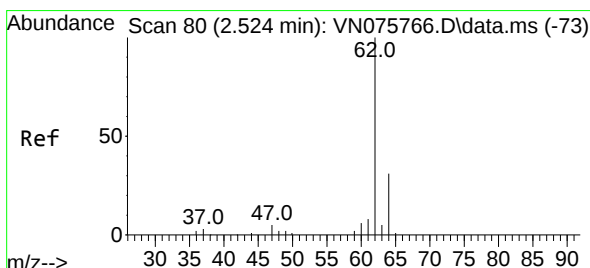
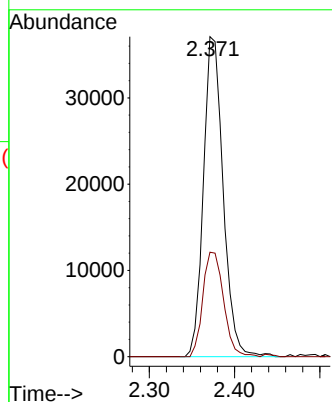
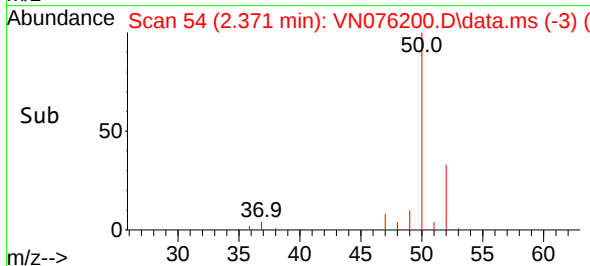
Instrument :
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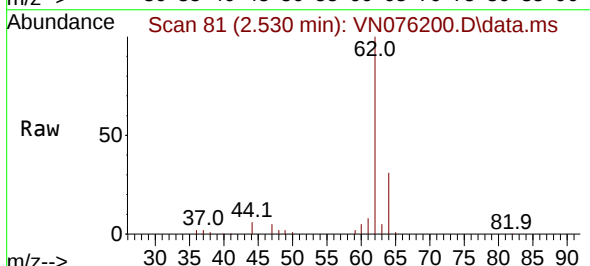
Tgt Ion: 50 Resp: 5970
Ion Ratio Lower Upper
50 100
52 32.7 27.7 41.5

Manual Integrations
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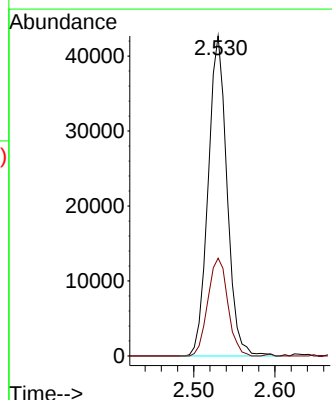
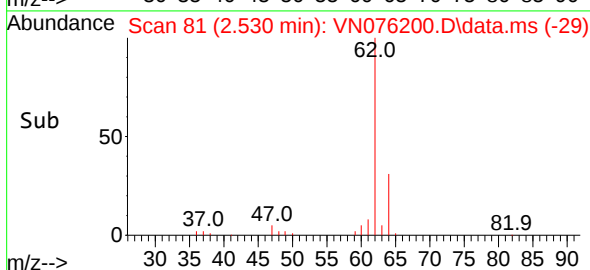
Reviewed By :John Carlone 01/12/2023
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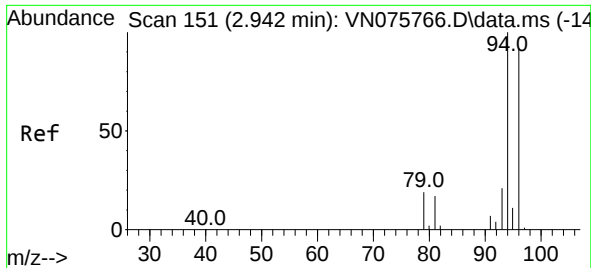


#4
Vinyl Chloride
Concen: 18.745 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16



Tgt Ion: 62 Resp: 68721
Ion Ratio Lower Upper
62 100
64 30.6 24.9 37.3





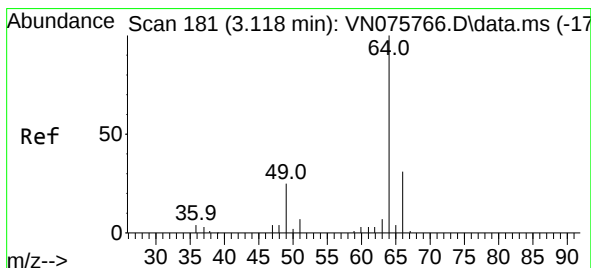
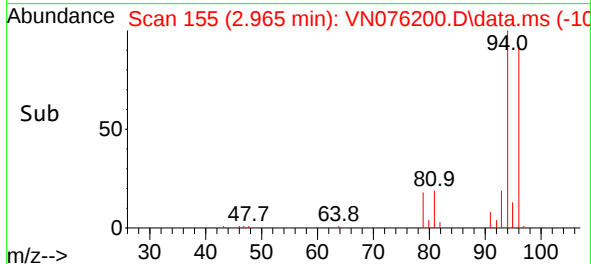
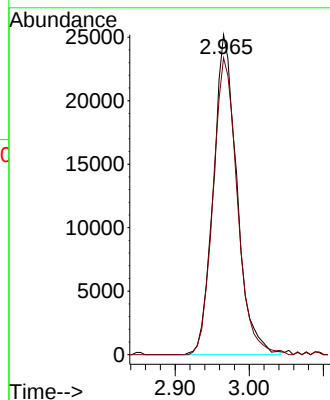
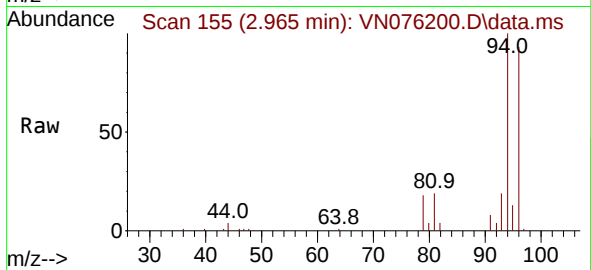
#5
Bromomethane
Concen: 17.797 ug/l
RT: 2.965 min Scan# 155
Delta R.T. 0.023 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Instrument :
MSVOA_N
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VN0111WBSD01

Tgt Ion: 94 Resp: 5545
Ion Ratio Lower Upper
94 100
96 92.7 73.8 110.6

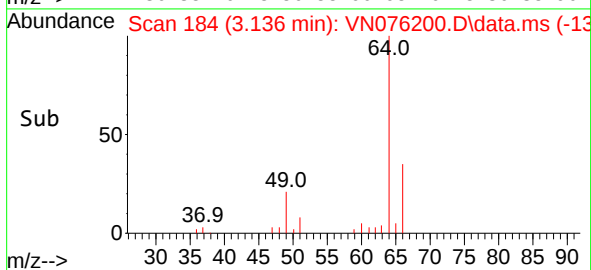
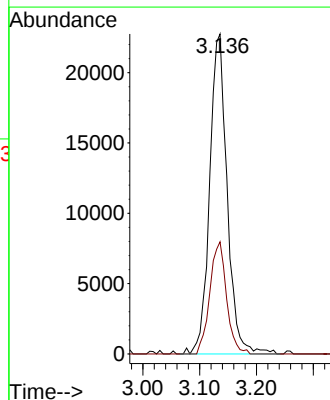
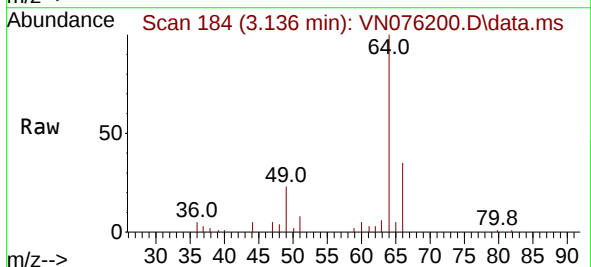
Manual Integrations
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#6
Chloroethane
Concen: 17.912 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.018 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Tgt Ion: 64 Resp: 48628
Ion Ratio Lower Upper
64 100
66 35.1 24.6 36.8





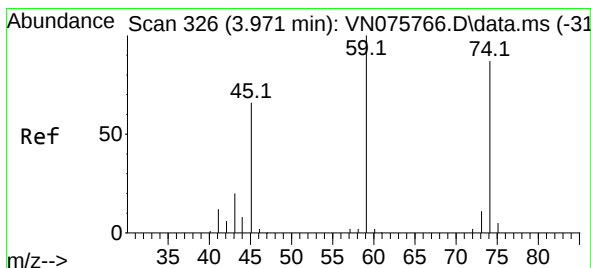
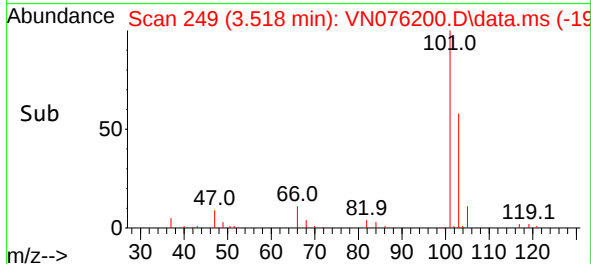
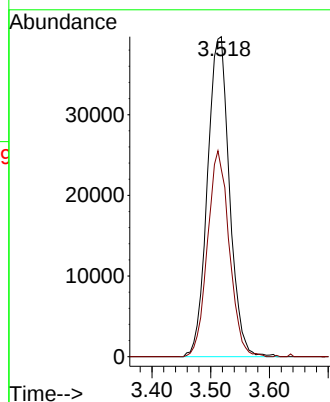
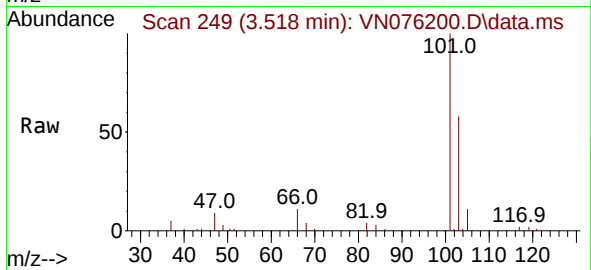
#7
Trichlorofluoromethane
Concen: 18.570 ug/l
RT: 3.518 min Scan# 246
Delta R.T. 0.018 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion:101 Resp: 10330
Ion Ratio Lower Upper
101 100
103 58.5 53.4 80.2

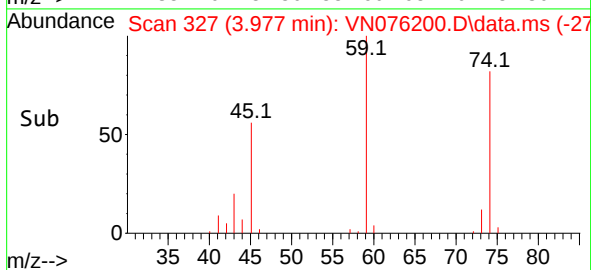
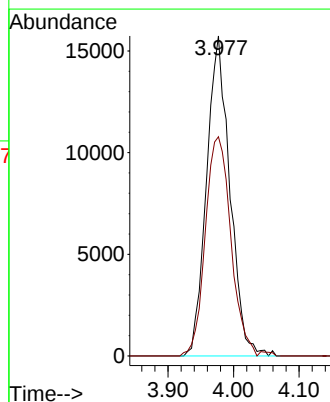
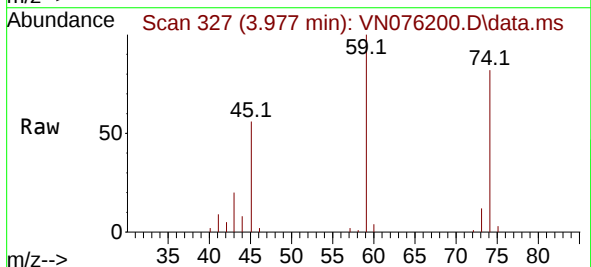
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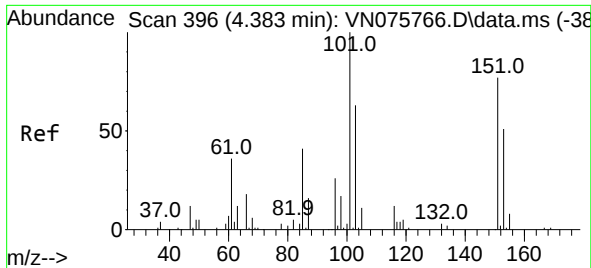
Reviewed By :John Carlone 01/12/2023
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#8
Diethyl Ether
Concen: 19.174 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Tgt Ion: 74 Resp: 38958
Ion Ratio Lower Upper
74 100
45 74.9 37.8 113.4





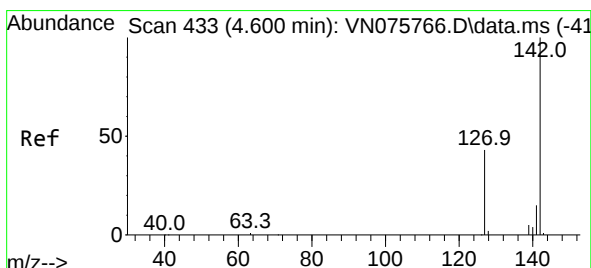
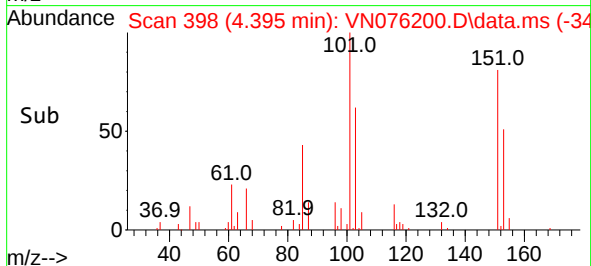
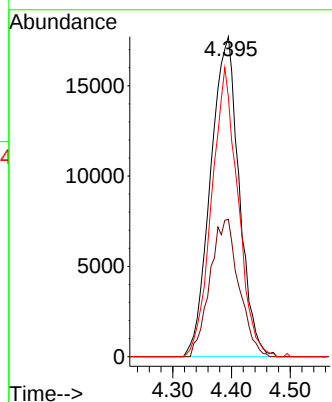
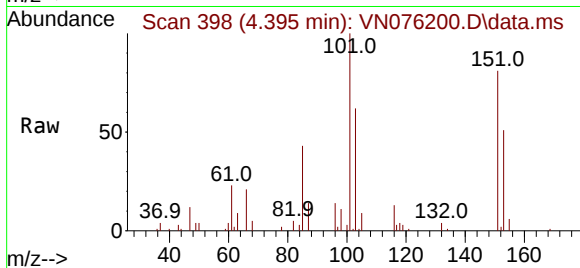
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.841 ug/l
RT: 4.395 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Instrument :
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VN0111WBSD01

Tgt Ion:101 Resp: 5985
Ion Ratio Lower Upper
101 100
85 43.5 35.3 52.9
151 83.1 65.6 98.4

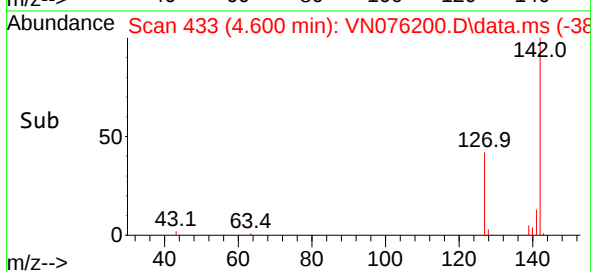
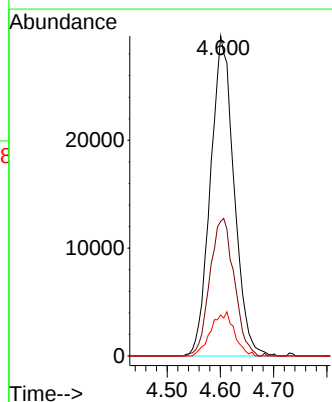
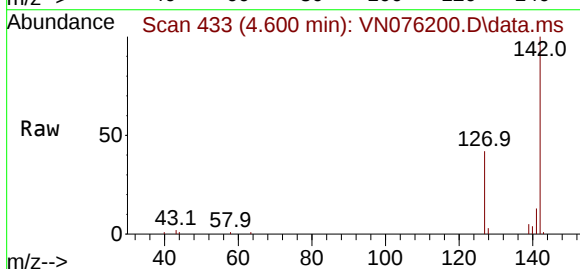
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#10
Methyl Iodide
Concen: 17.719 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

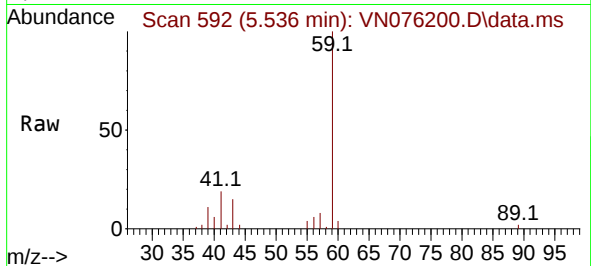
Tgt Ion:142 Resp: 91343
Ion Ratio Lower Upper
142 100
127 44.3 34.7 52.1
141 13.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 83.771 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

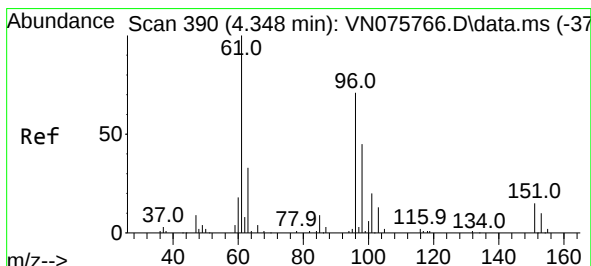
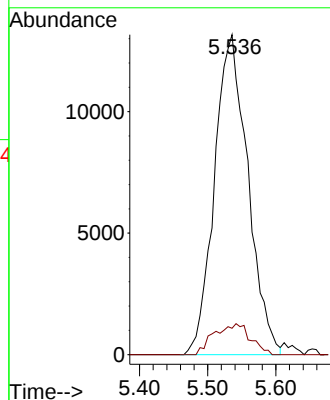
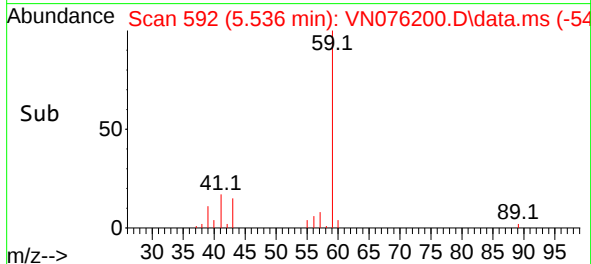
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



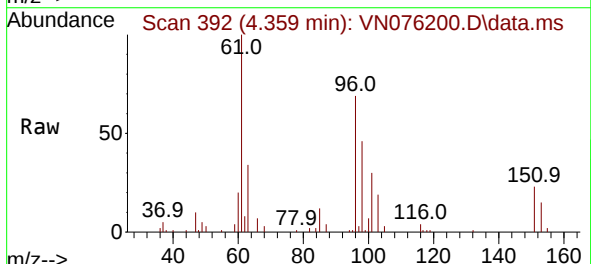
Tgt Ion: 59 Resp: 44889
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
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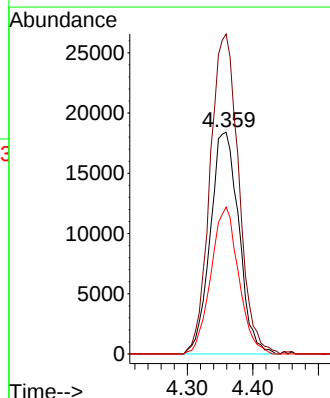
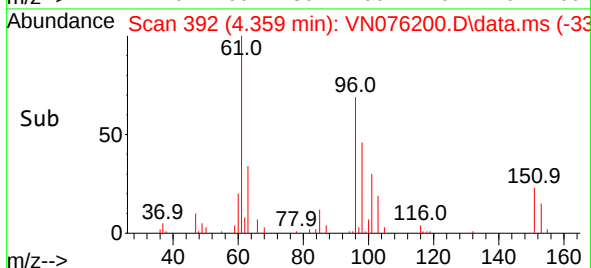
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#12
1,1-Dichloroethene
Concen: 18.034 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16



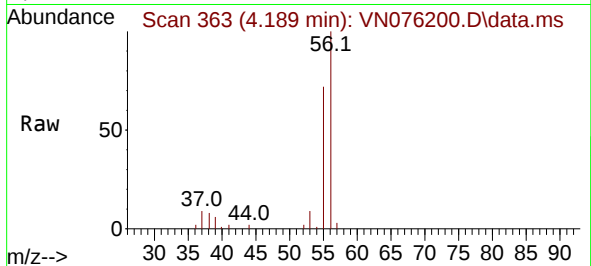
Tgt Ion: 96 Resp: 55639
Ion Ratio Lower Upper
96 100
61 144.3 113.3 169.9
98 66.2 50.9 76.3





#13
Acrolein
Concen: 91.291 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

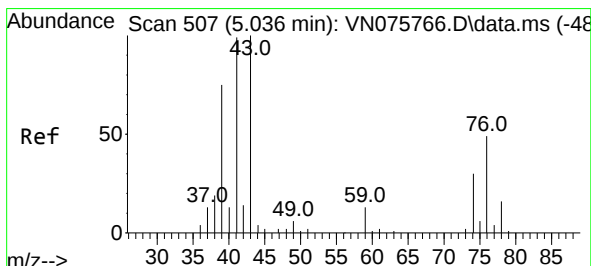
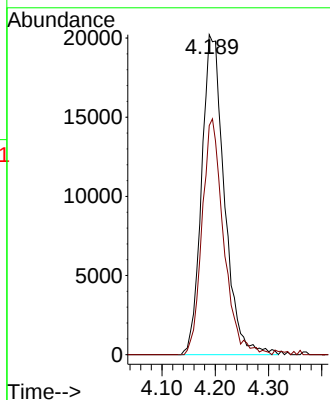
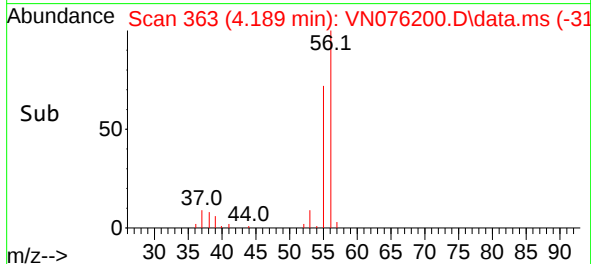
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion: 56 Resp: 5997
Ion Ratio Lower Upper
56 100
55 69.8 54.8 82.2

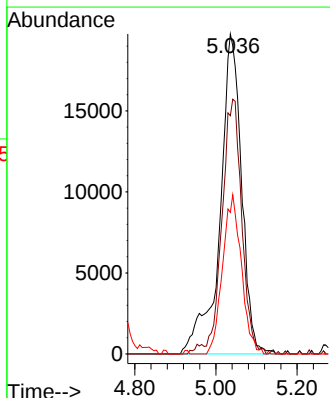
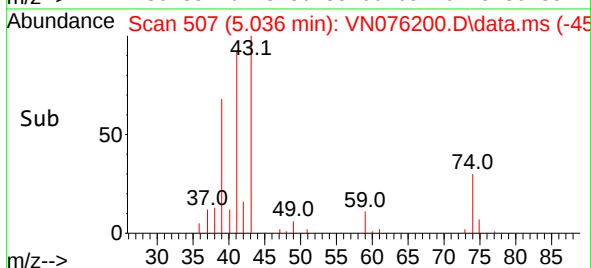
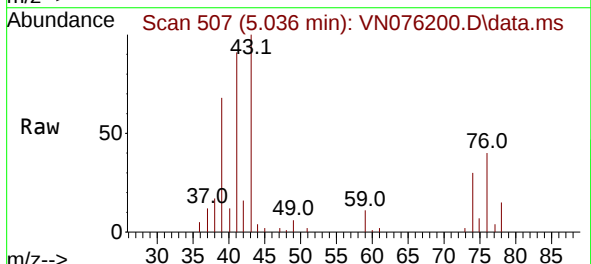
Manual Integrations
APPROVED

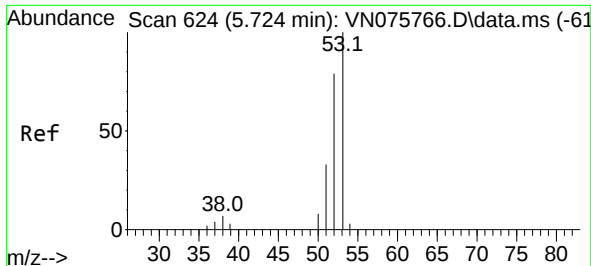
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#14
Allyl chloride
Concen: 20.330 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

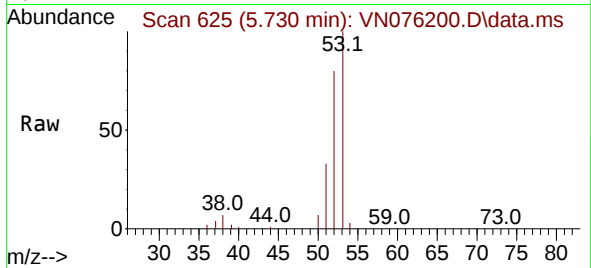
Tgt Ion: 41 Resp: 73319
Ion Ratio Lower Upper
41 100
39 71.8 58.3 87.5
76 43.0 35.8 53.6





#15
Acrylonitrile
Concen: 92.453 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

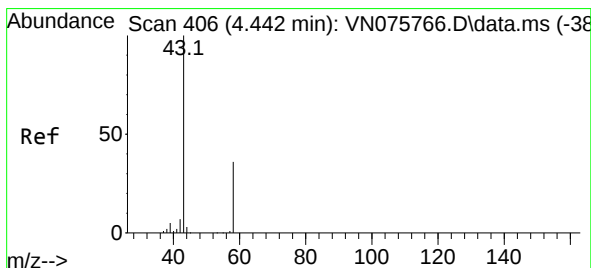
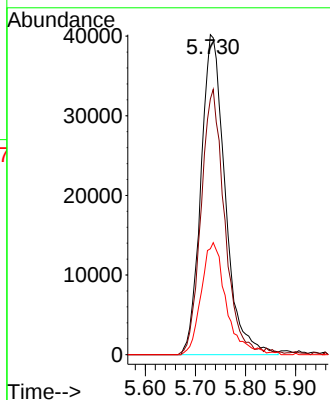
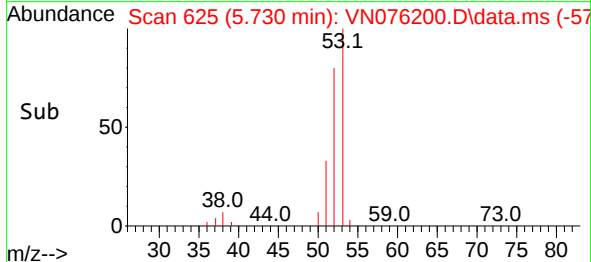
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion: 53 Resp: 135190
Ion Ratio Lower Upper
53 100
52 80.3 65.4 98.0
51 36.0 28.9 43.3

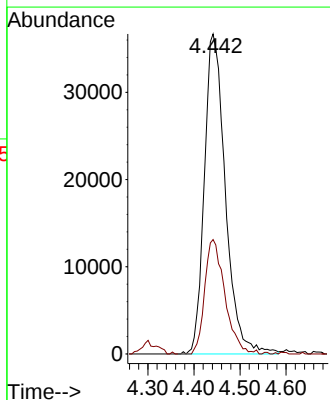
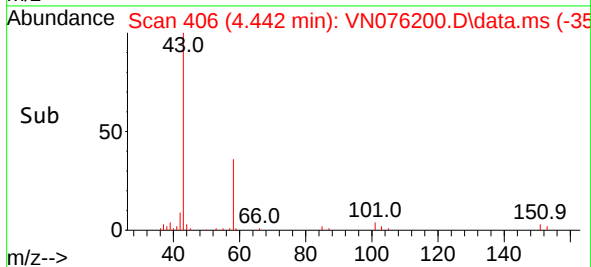
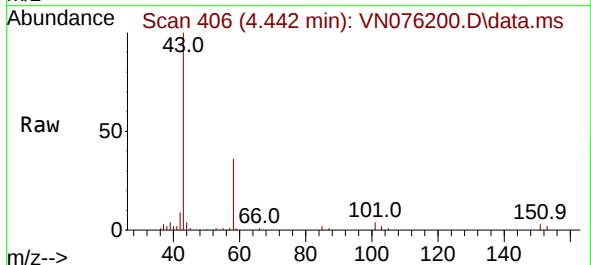
Manual Integrations
APPROVED

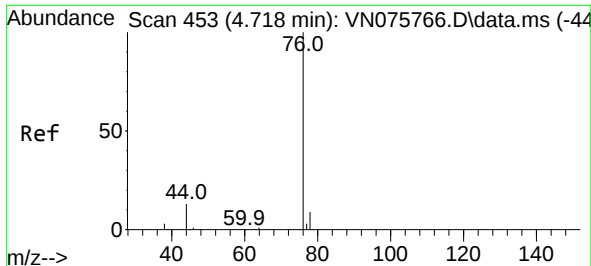
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#16
Acetone
Concen: 89.351 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Tgt Ion: 43 Resp: 116643
Ion Ratio Lower Upper
43 100
58 35.8 28.6 43.0





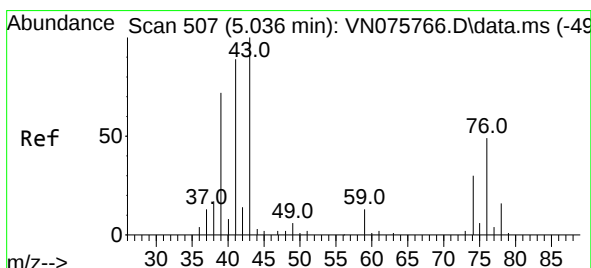
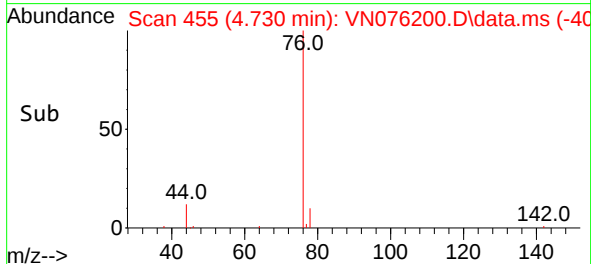
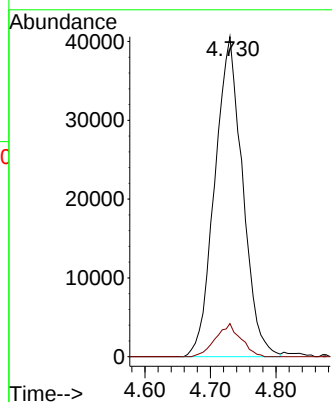
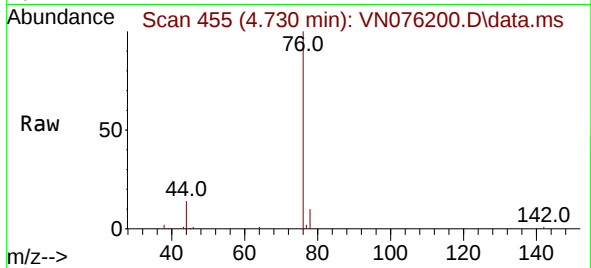
#17
Carbon Disulfide
Concen: 16.013 ug/l
RT: 4.730 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 76 Resp: 11961
Ion Ratio Lower Upper
76 100
78 10.4 6.8 10.2

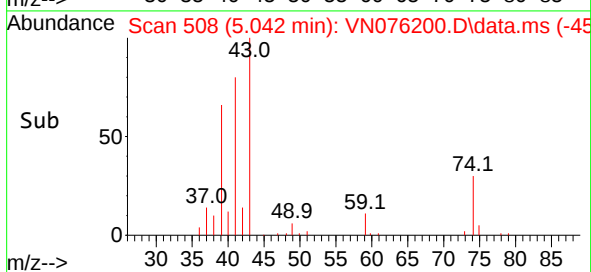
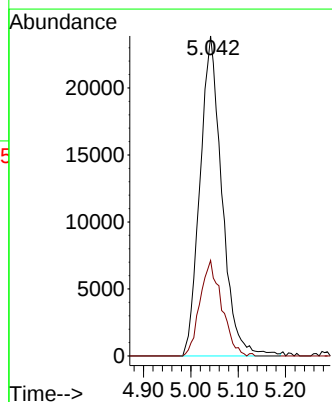
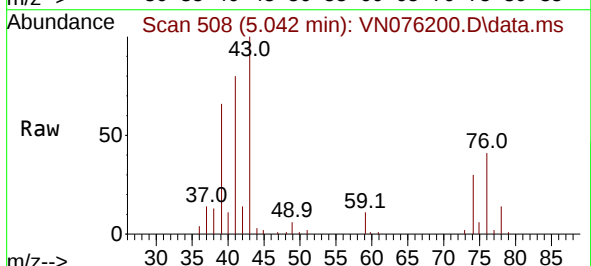
Manual Integrations
APPROVED

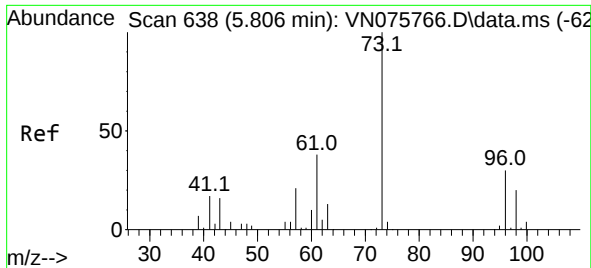
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#18
Methyl Acetate
Concen: 19.899 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Tgt Ion: 43 Resp: 76787
Ion Ratio Lower Upper
43 100
74 29.5 23.6 35.4





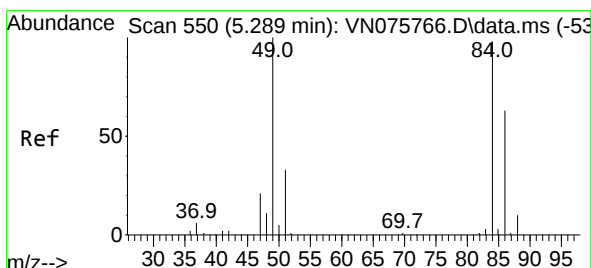
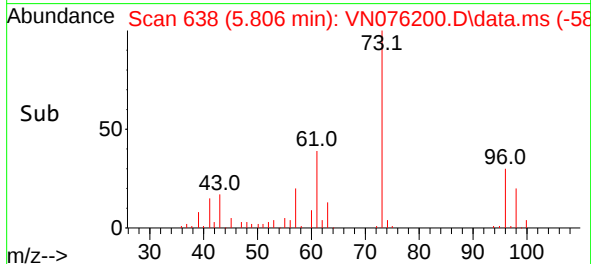
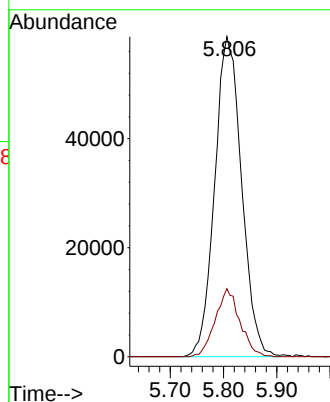
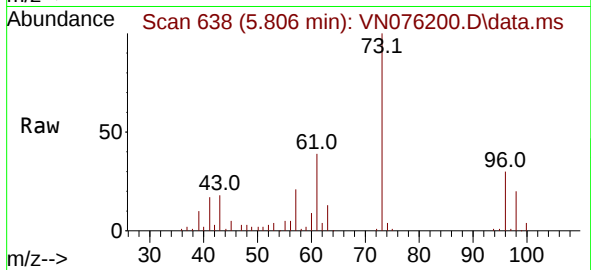
#19
Methyl tert-butyl Ether
Concen: 20.272 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 73 Resp: 205960
Ion Ratio Lower Upper
73 100
57 21.3 17.1 25.7

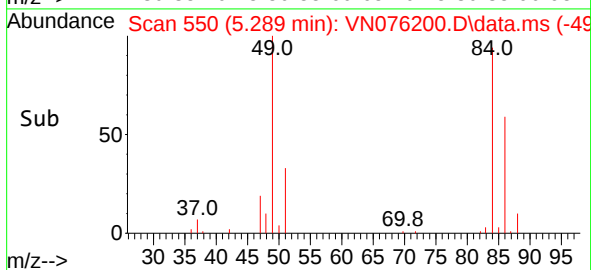
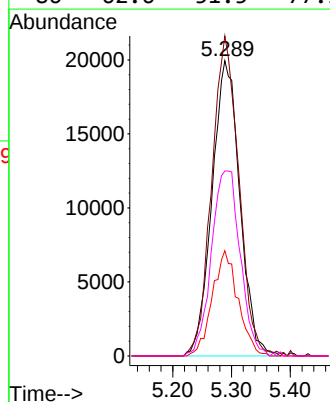
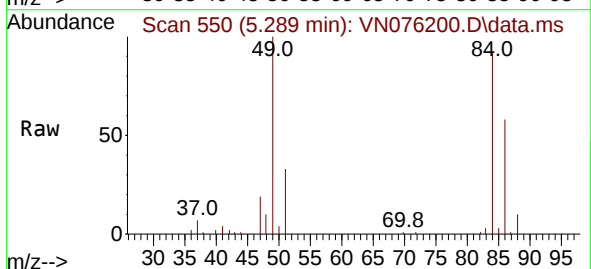
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#20
Methylene Chloride
Concen: 18.350 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Tgt Ion: 84 Resp: 65498
Ion Ratio Lower Upper
84 100
49 108.4 81.8 122.6
51 35.7 26.7 40.1
86 62.6 51.5 77.3





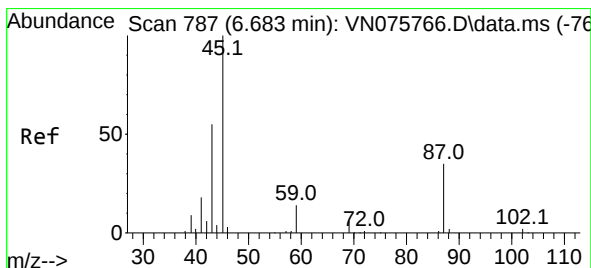
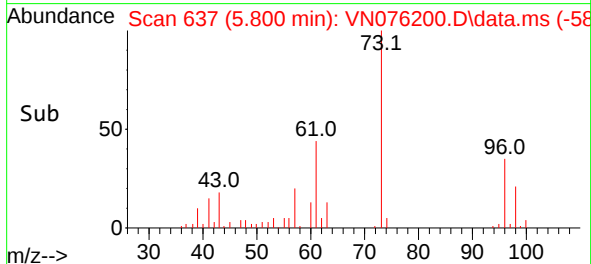
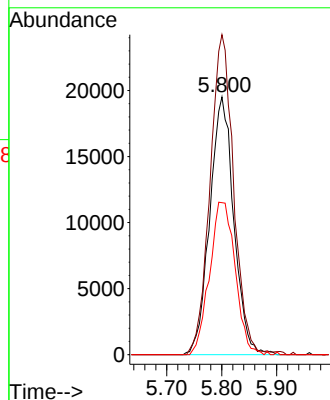
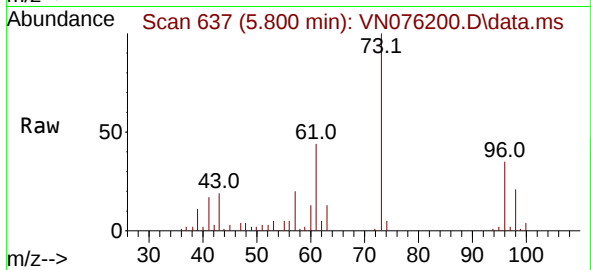
#21
trans-1,2-Dichloroethene
Concen: 17.533 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 96 Resp: 59240
Ion Ratio Lower Upper
96 100
61 124.1 98.1 147.1
98 58.9 51.4 77.2

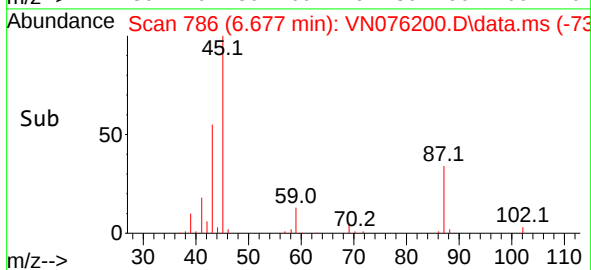
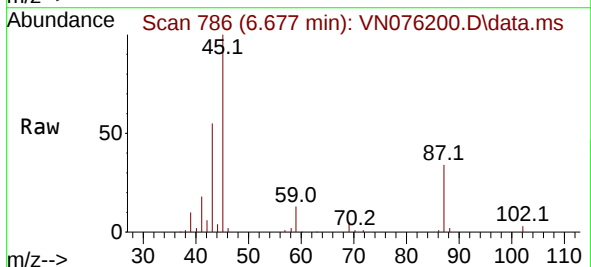
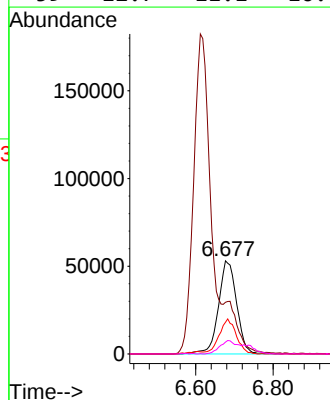
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#22
Diisopropyl ether
Concen: 19.705 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Tgt Ion: 45 Resp: 172641
Ion Ratio Lower Upper
45 100
43 54.2 44.2 66.4
87 34.1 28.3 42.5
59 12.7 11.1 16.7





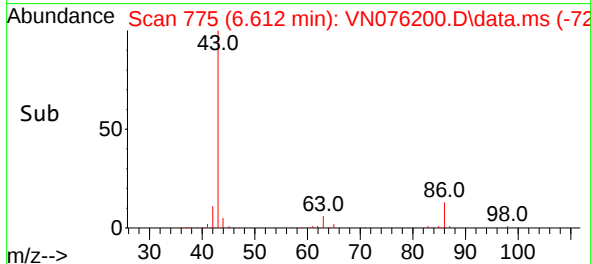
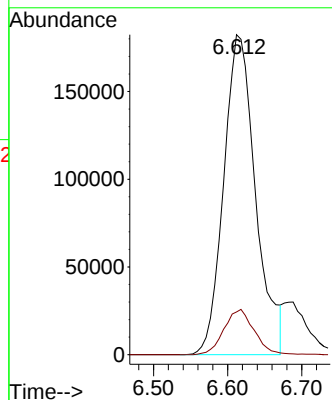
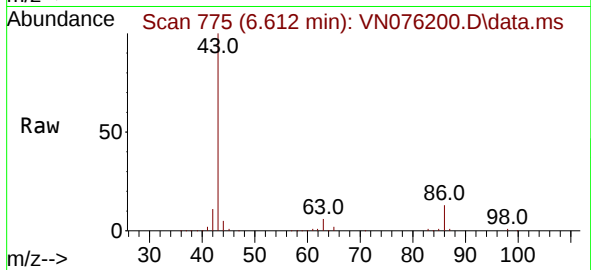
#23
 Vinyl Acetate
 Concen: 92.477 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076200.D
 Acq: 11 Jan 2023 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBSD01

Tgt Ion: 43 Resp: 545329
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.4 17.2

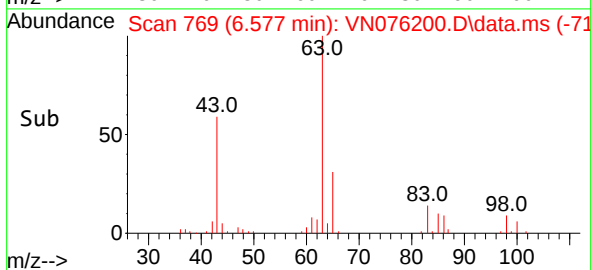
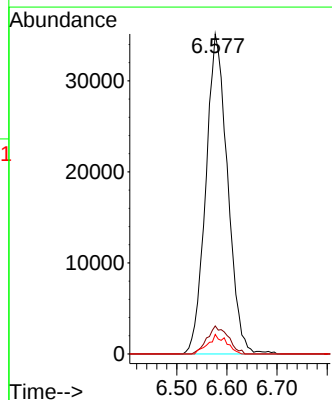
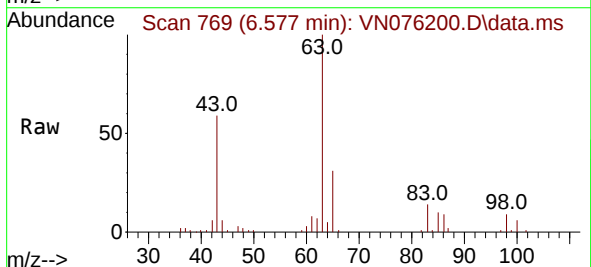
Manual Integrations
 APPROVED

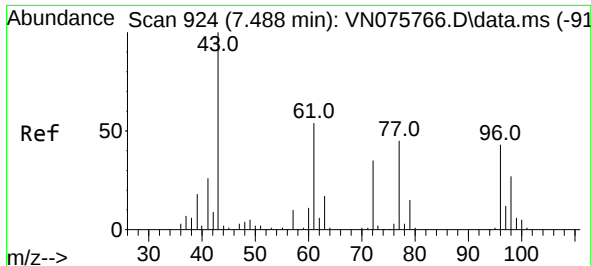
Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023



#24
 1,1-Dichloroethane
 Concen: 18.186 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN076200.D
 Acq: 11 Jan 2023 11:16

Tgt Ion: 63 Resp: 106259
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.5
 100 6.1 2.5 7.6





#25

2-Butanone

Concen: 94.094 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion: 43 Resp: 17199

Ion Ratio Lower Upper

43 100

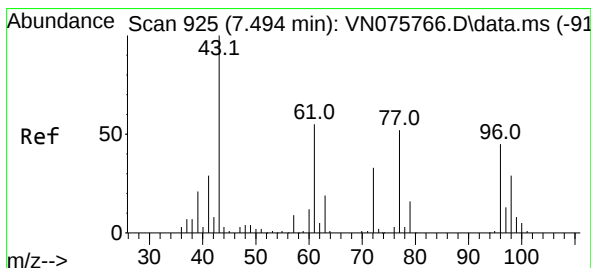
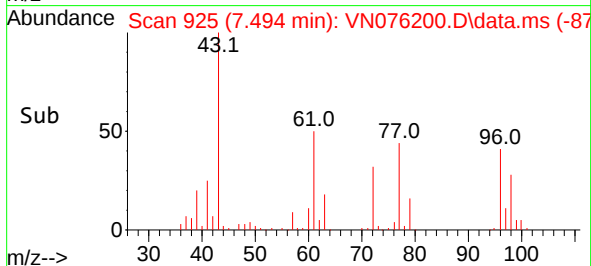
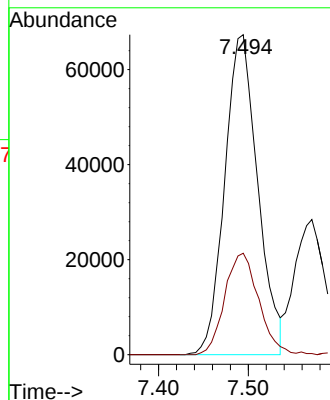
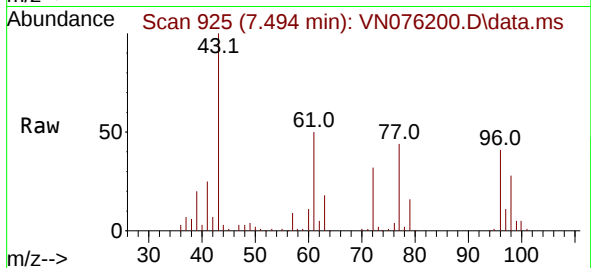
72 31.7 28.0 42.0

Manual Integrations

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Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#26

2,2-Dichloropropane

Concen: 17.884 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN076200.D

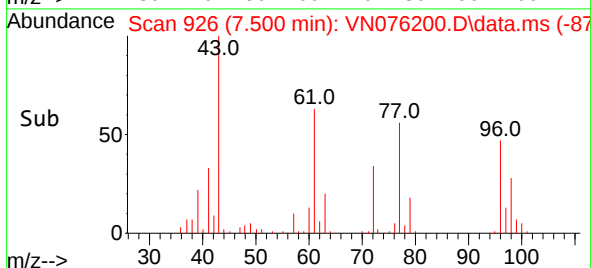
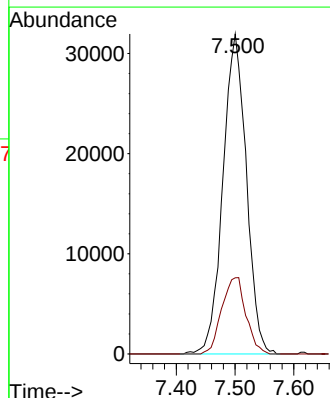
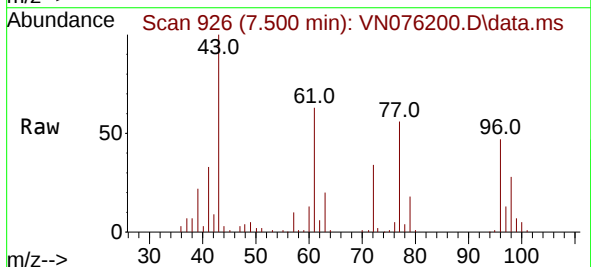
Acq: 11 Jan 2023 11:16

Tgt Ion: 77 Resp: 88493

Ion Ratio Lower Upper

77 100

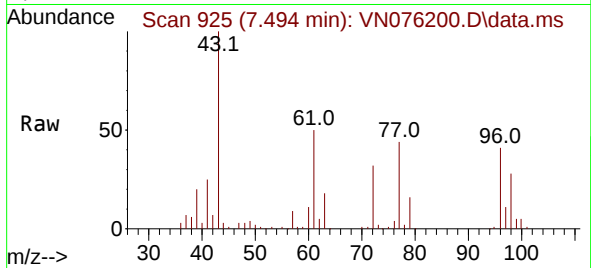
97 24.6 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 18.041 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN076200.D
 Acq: 11 Jan 2023 11:16

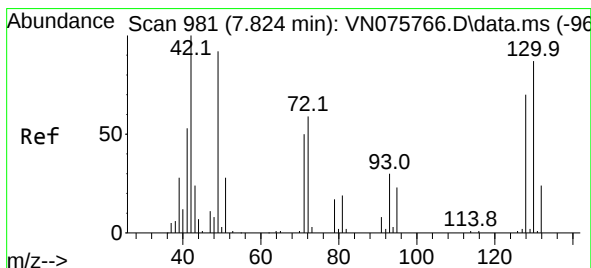
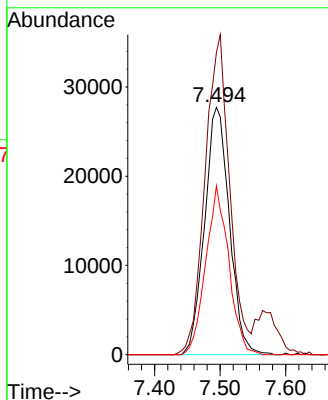
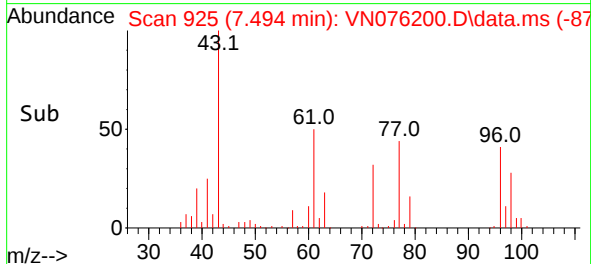
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBSD01



Tgt Ion: 96 Resp: 72904
 Ion Ratio Lower Upper
 96 100
 61 128.7 0.0 247.8
 98 63.4 0.0 128.4

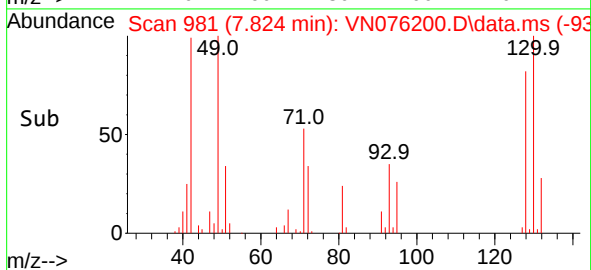
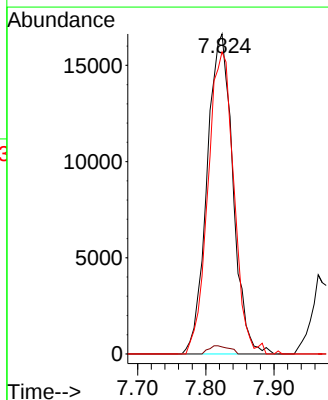
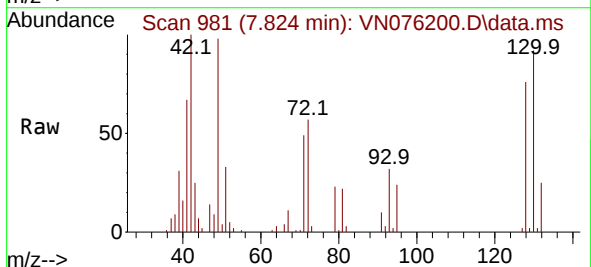
Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023



#28
 Bromochloromethane
 Concen: 17.092 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076200.D
 Acq: 11 Jan 2023 11:16

Tgt Ion: 49 Resp: 43772
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 5.0
 130 94.7 77.0 115.4





#29

Tetrahydrofuran

Concen: 94.438 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion: 42 Resp: 108170

Ion Ratio Lower Upper

42 100

72 54.7 44.5 66.7

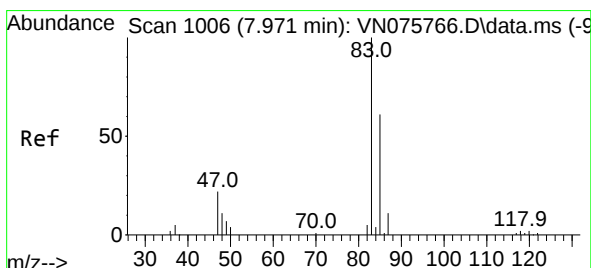
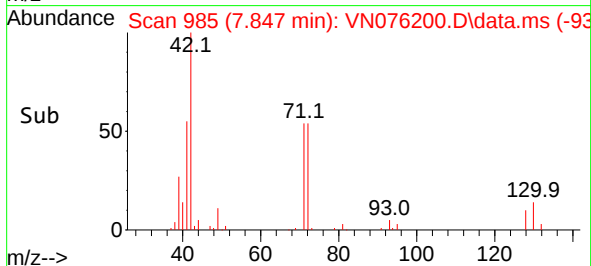
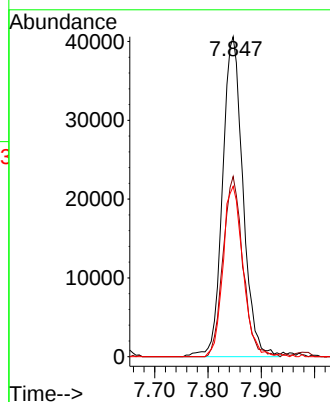
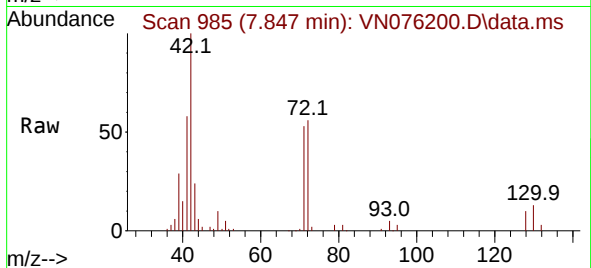
71 52.1 41.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#30

Chloroform

Concen: 17.816 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076200.D

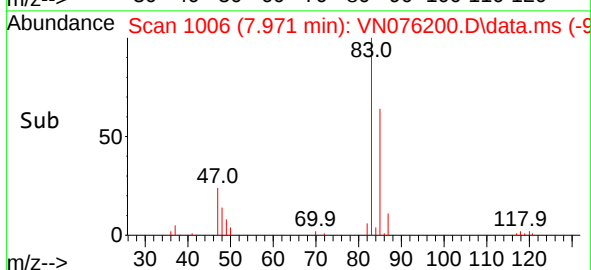
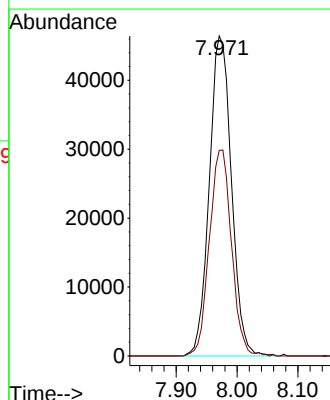
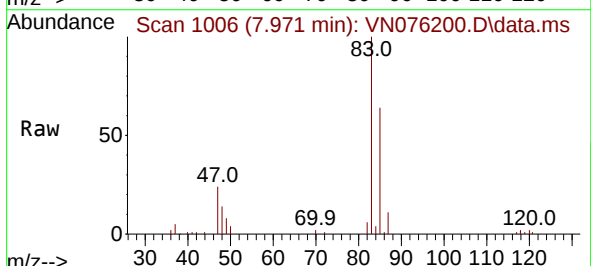
Acq: 11 Jan 2023 11:16

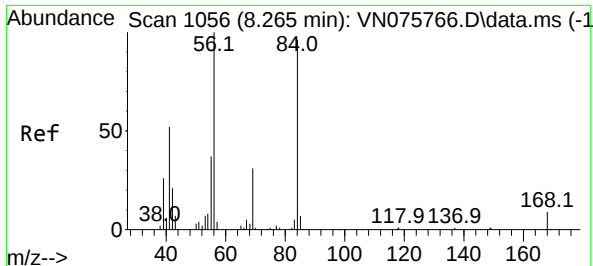
Tgt Ion: 83 Resp: 117207

Ion Ratio Lower Upper

83 100

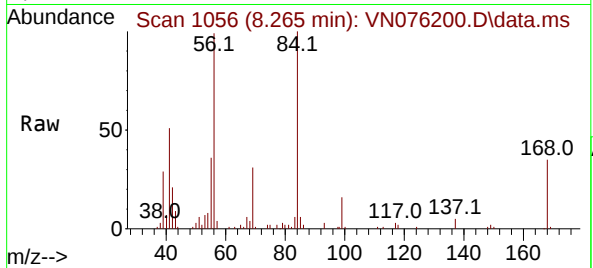
85 64.2 49.1 73.7





#31
Cyclohexane
Concen: 17.781 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

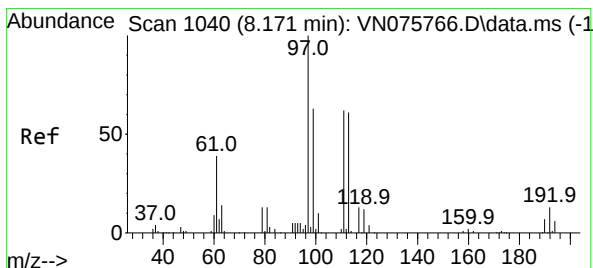
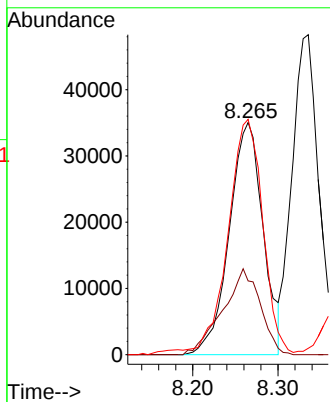
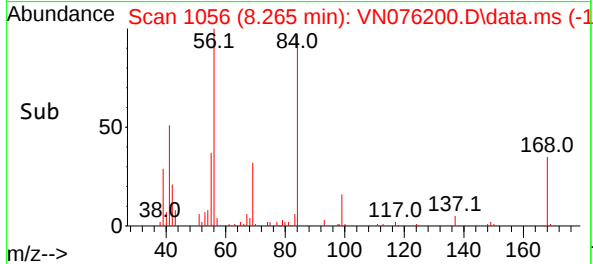
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



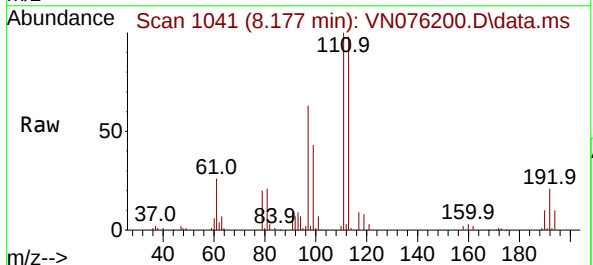
Tgt Ion: 56 Resp: 9643
Ion Ratio Lower Upper
56 100
69 31.8 24.7 37.1
84 99.3 76.5 114.7

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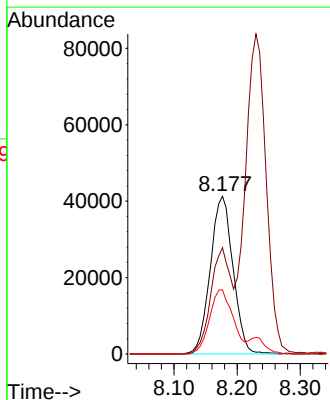
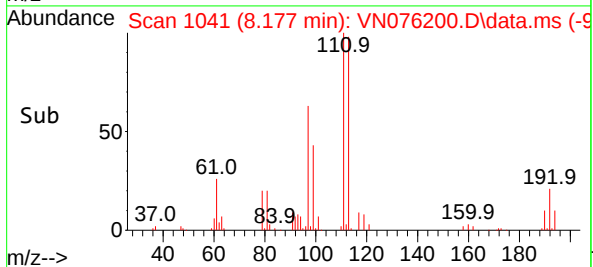
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#32
1,1,1-Trichloroethane
Concen: 17.707 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16



Tgt Ion: 97 Resp: 103275
Ion Ratio Lower Upper
97 100
99 60.0 50.2 75.2
61 42.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 45.784 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion: 65 Resp: 173384

Ion Ratio Lower Upper

65 100

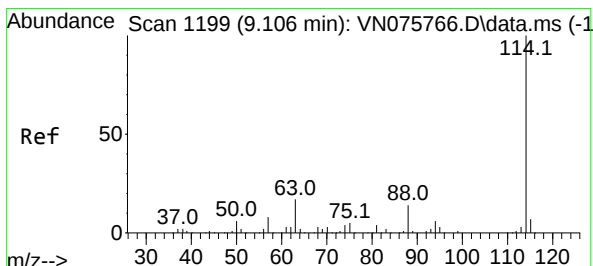
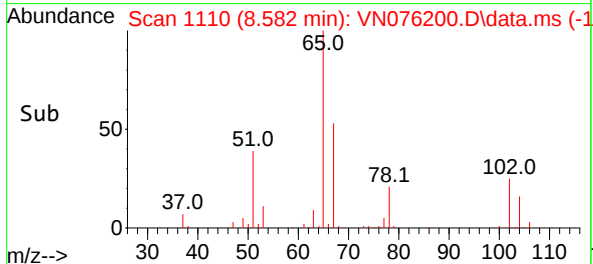
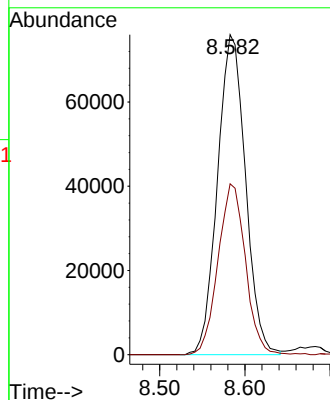
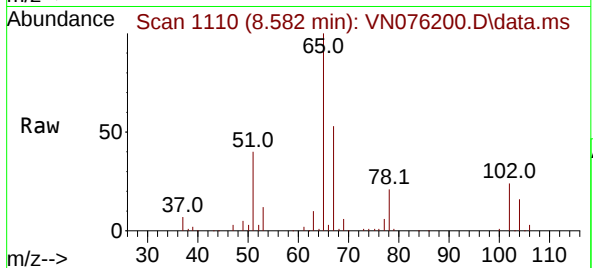
67 52.2 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

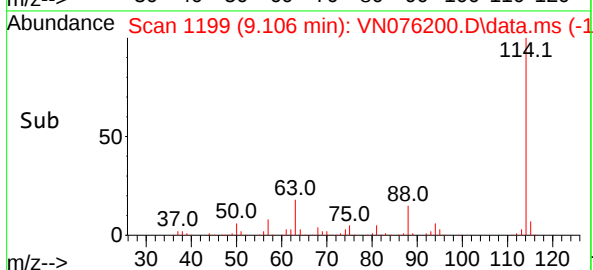
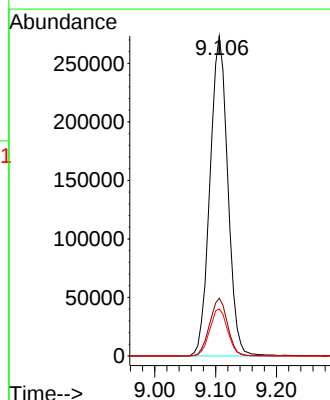
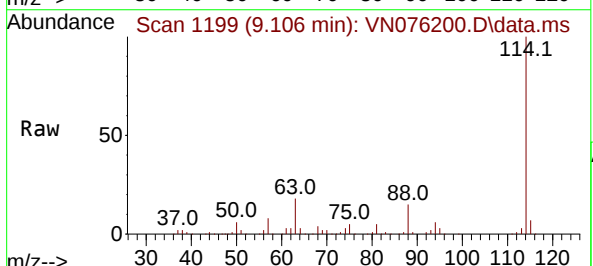
Tgt Ion:114 Resp: 556100

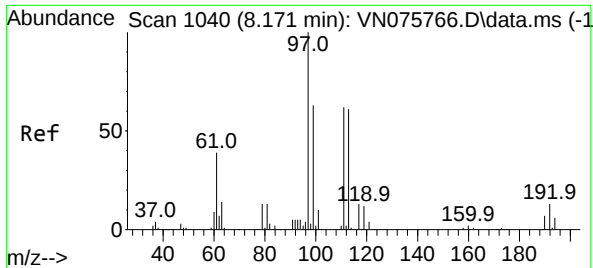
Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

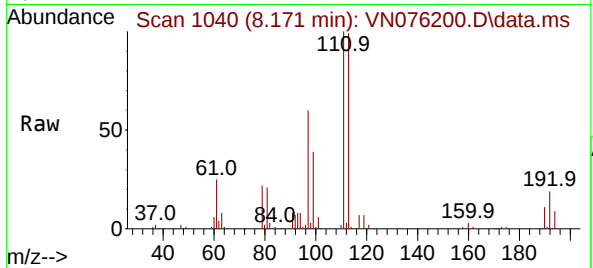
88 14.7 0.0 28.8





#35
Dibromofluoromethane
Concen: 45.964 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

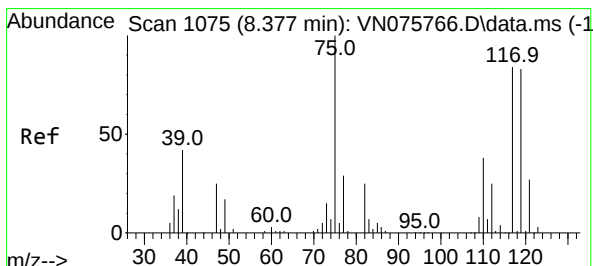
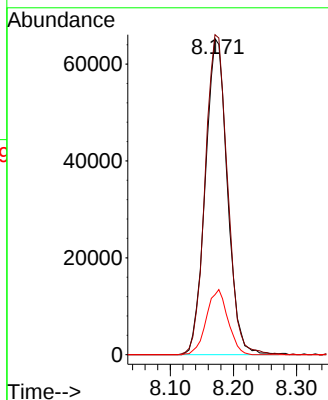
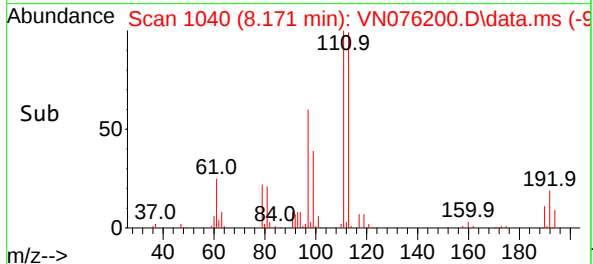
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



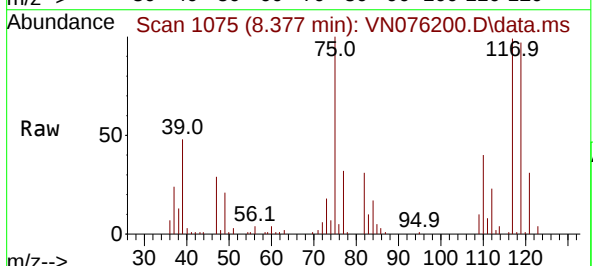
Tgt Ion: 113 Resp: 15829
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.2
192 20.1 16.1 24.1

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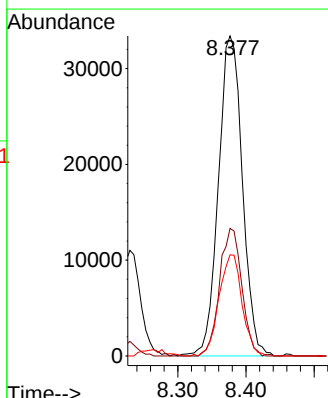
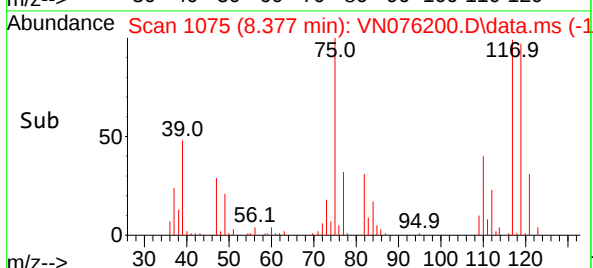
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

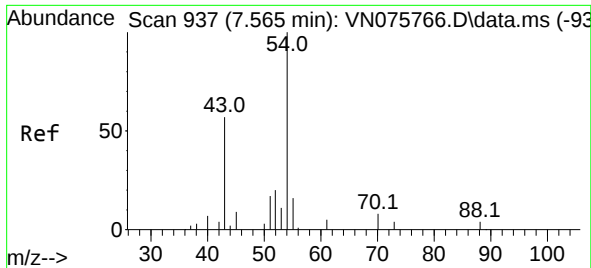


#36
1,1-Dichloropropene
Concen: 17.870 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16



Tgt Ion: 75 Resp: 81752
Ion Ratio Lower Upper
75 100
110 37.0 18.8 56.4
77 30.4 24.1 36.1





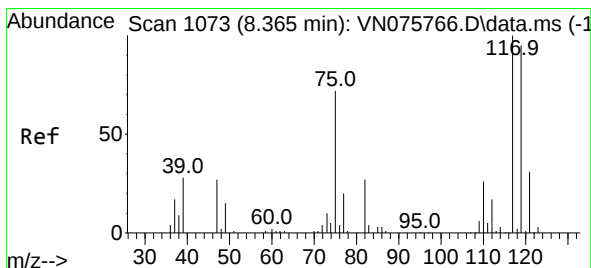
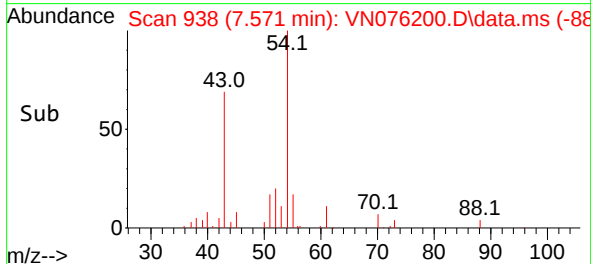
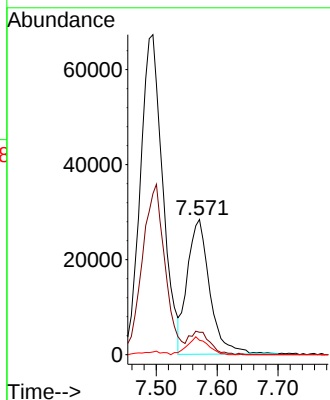
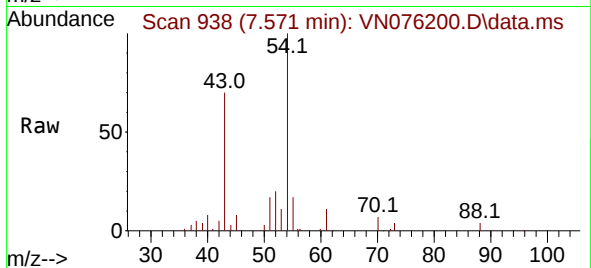
#37
Ethyl Acetate
Concen: 19.672 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 43 Resp: 72289
Ion Ratio Lower Upper
43 100
61 16.0 13.0 19.4
70 11.8 9.4 14.0

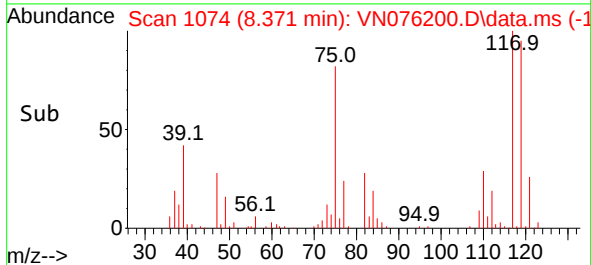
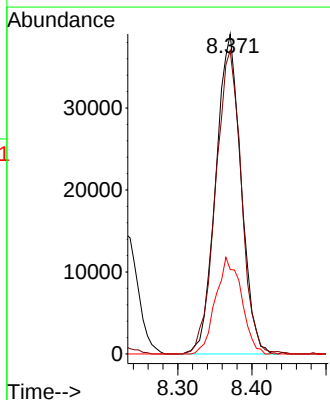
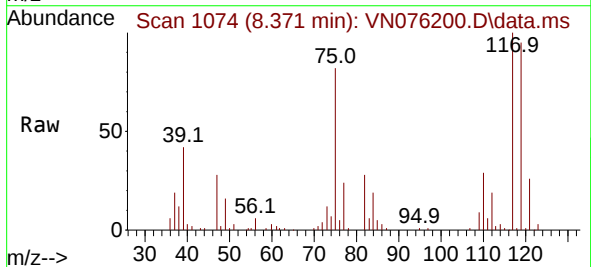
Manual Integrations
APPROVED

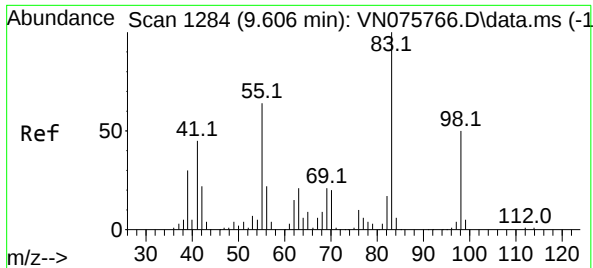
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#38
Carbon Tetrachloride
Concen: 17.963 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

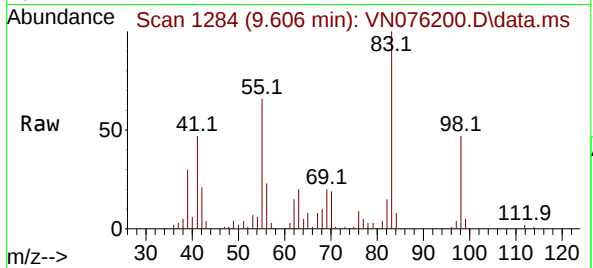
Tgt Ion:117 Resp: 91977
Ion Ratio Lower Upper
117 100
119 94.8 76.1 114.1
121 26.4 24.5 36.7





#39
Methylcyclohexane
Concen: 19.175 ug/l
RT: 9.606 min Scan# 11284
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

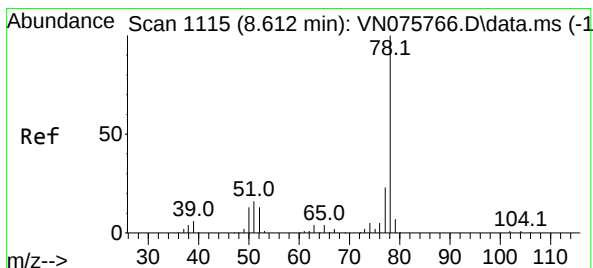
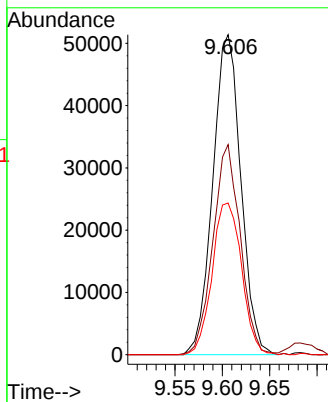
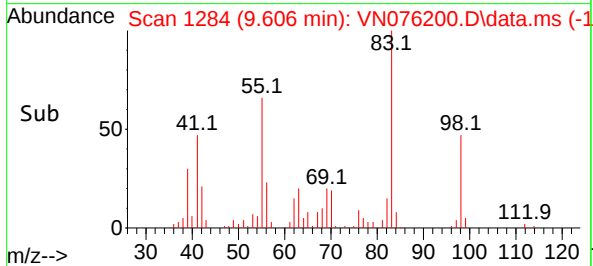
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion: 83 Resp: 10583
Ion Ratio Lower Upper
83 100
55 65.7 51.4 77.0
98 47.4 39.8 59.8

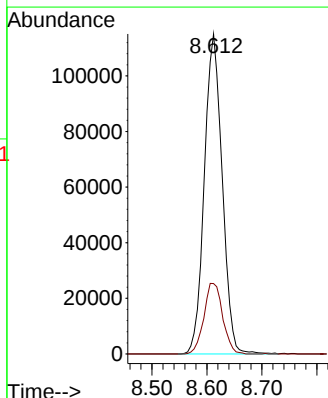
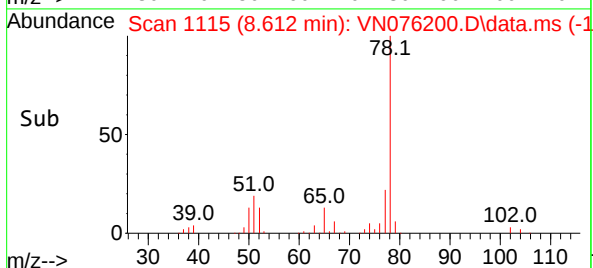
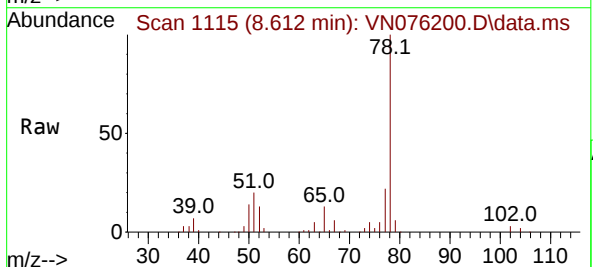
Manual Integrations
APPROVED

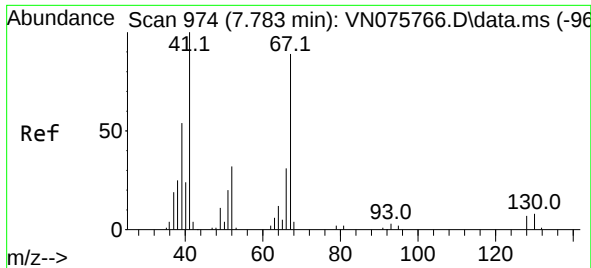
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#40
Benzene
Concen: 18.406 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

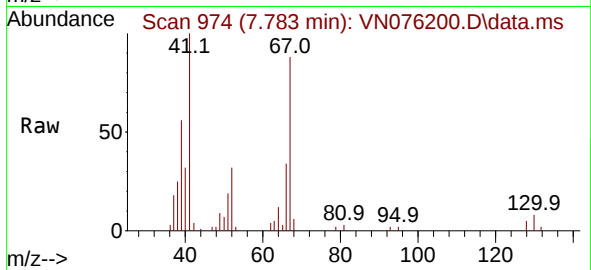
Tgt Ion: 78 Resp: 259805
Ion Ratio Lower Upper
78 100
77 22.0 18.5 27.7





#41
Methacrylonitrile
Concen: 19.502 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

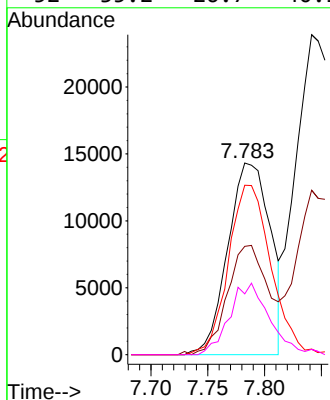
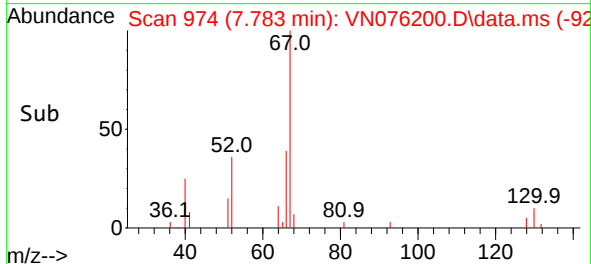
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



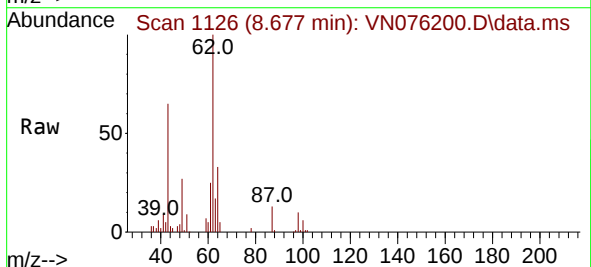
Tgt Ion: 41 Resp: 3725
Ion Ratio Lower Upper
41 100
39 54.9 43.1 64.7
67 89.0 70.7 106.1
52 35.2 26.7 40.1

Manual Integrations
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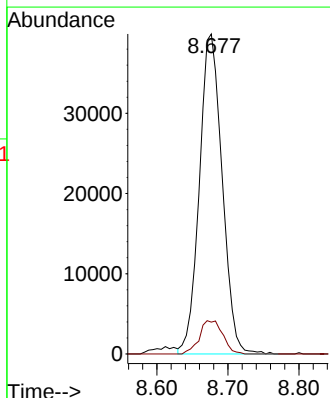
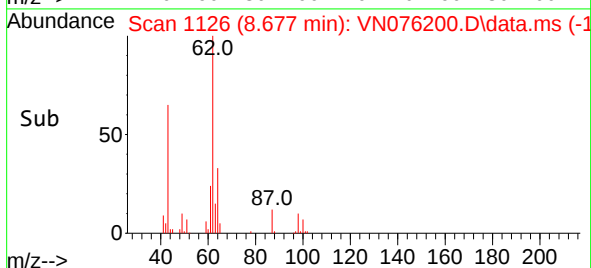
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

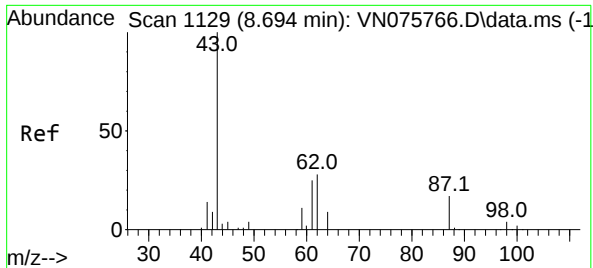


#42
1,2-Dichloroethane
Concen: 19.007 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16



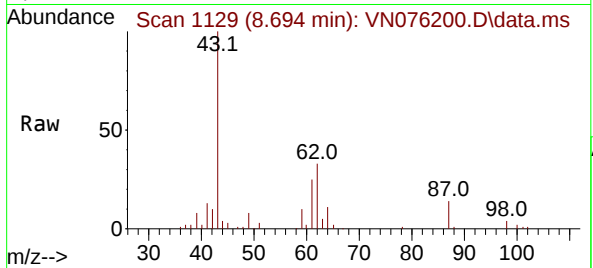
Tgt Ion: 62 Resp: 89190
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.8





#43
Isopropyl Acetate
Concen: 19.486 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

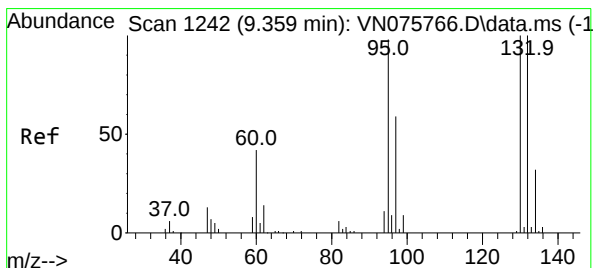
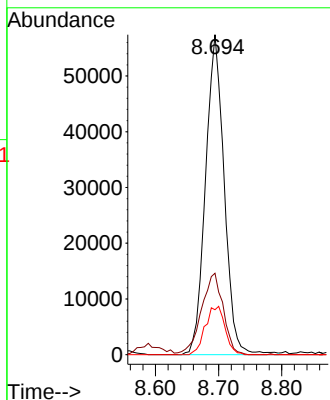
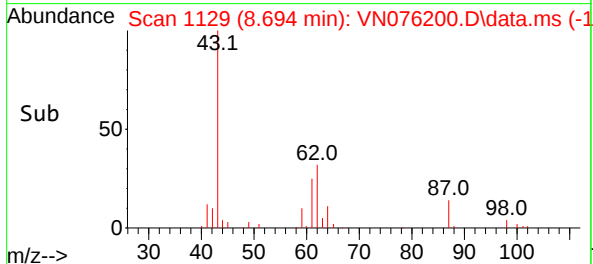
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



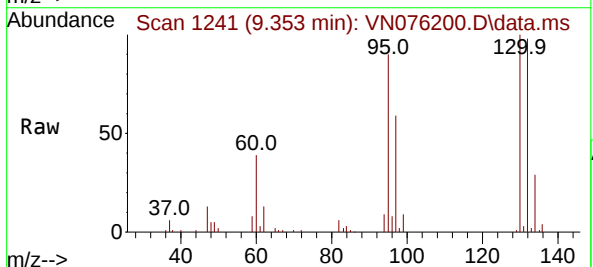
Tgt Ion: 43 Resp: 118120
Ion Ratio Lower Upper
43 100
61 29.5 24.2 36.4
87 16.0 13.3 19.9

Manual Integrations
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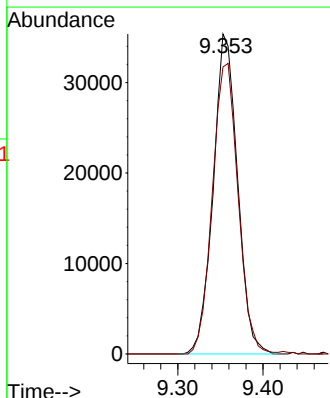
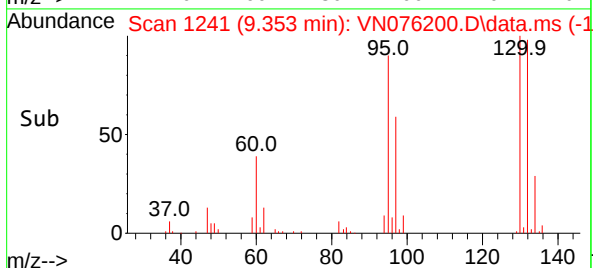
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

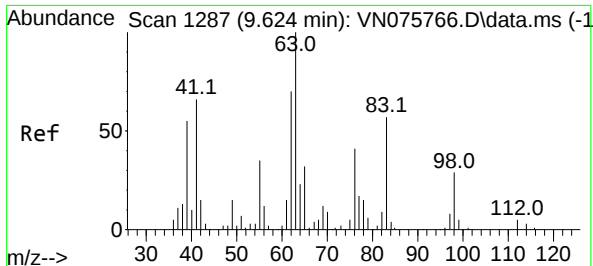


#44
Trichloroethene
Concen: 17.645 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16



Tgt Ion:130 Resp: 70164
Ion Ratio Lower Upper
130 100
95 89.7 0.0 195.4





#45

1,2-Dichloropropane

Concen: 17.910 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion: 63 Resp: 6151

Ion Ratio Lower Upper

63 100

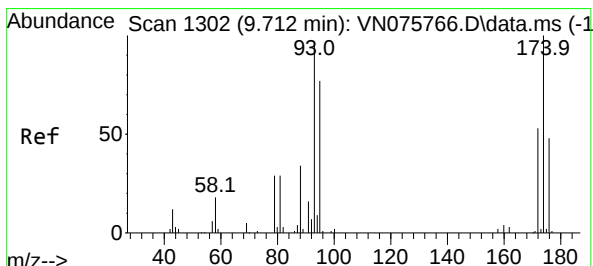
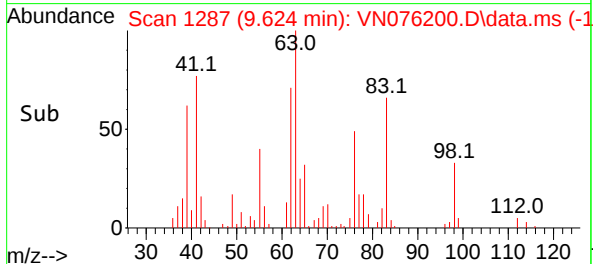
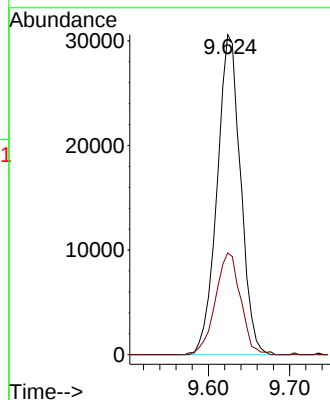
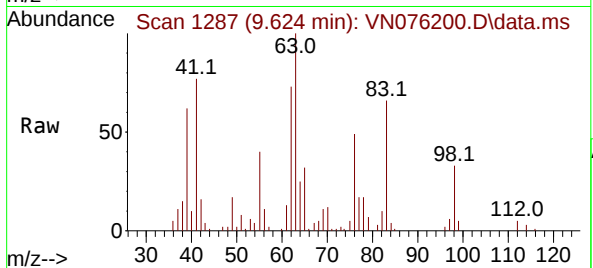
65 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#46

Dibromomethane

Concen: 18.550 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

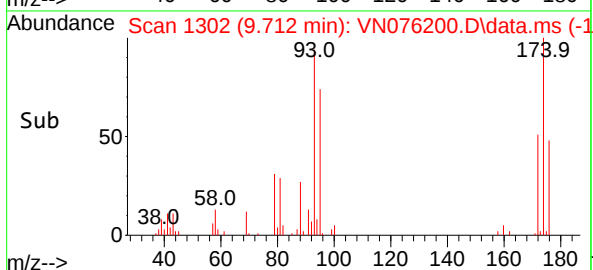
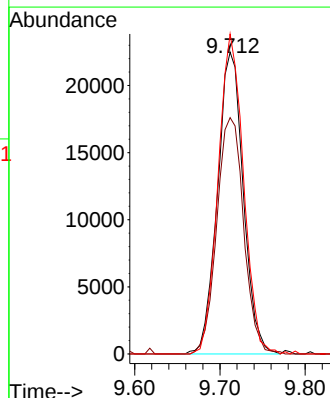
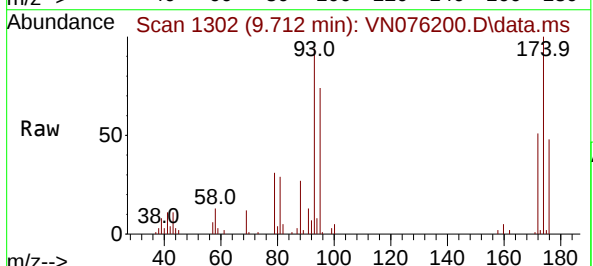
Tgt Ion: 93 Resp: 47258

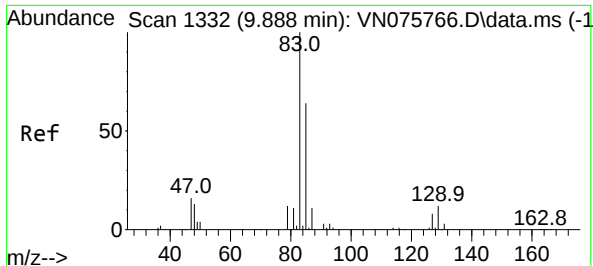
Ion Ratio Lower Upper

93 100

95 81.6 65.2 97.8

174 104.1 82.4 123.6





#47

Bromodichloromethane

Concen: 18.336 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

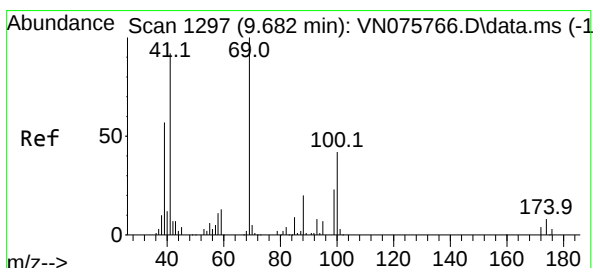
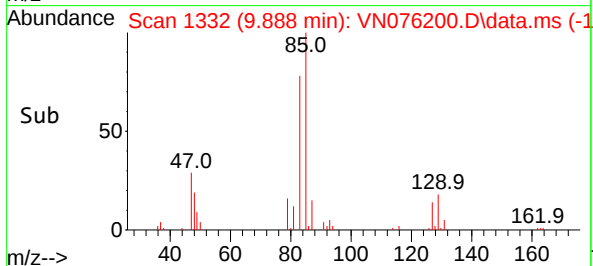
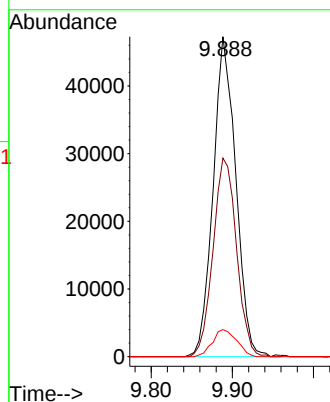
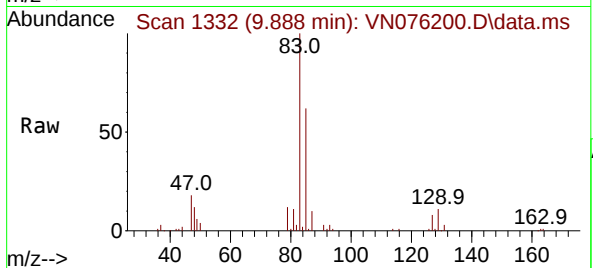
Tgt Ion:	83	Resp:	9160
Ion Ratio	Lower	Upper	
83	100		
85	62.0	51.5	77.3
127	8.5	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#48

Methyl methacrylate

Concen: 19.331 ug/l

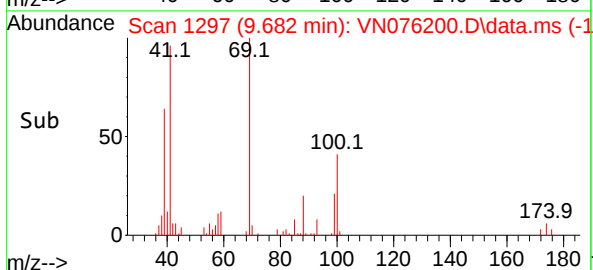
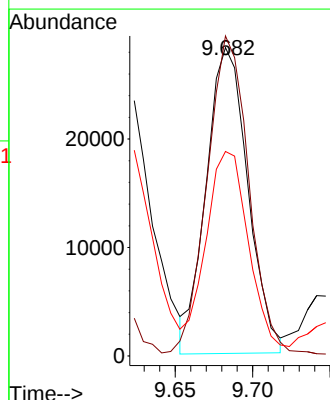
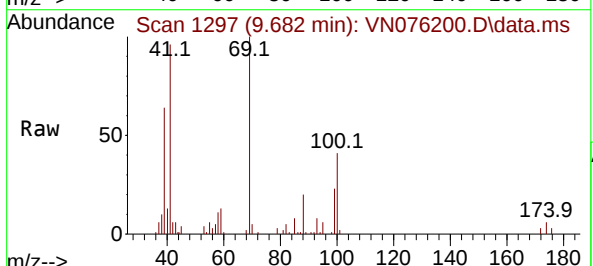
RT: 9.682 min Scan# 1297

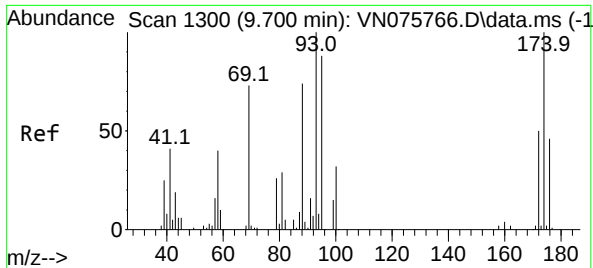
Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Tgt Ion:	41	Resp:	52776
Ion Ratio	Lower	Upper	
41	100		
69	106.4	81.9	122.9
39	70.1	51.6	77.4





#49

1,4-Dioxane

Concen: 334.483 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion: 88 Resp: 22450

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7

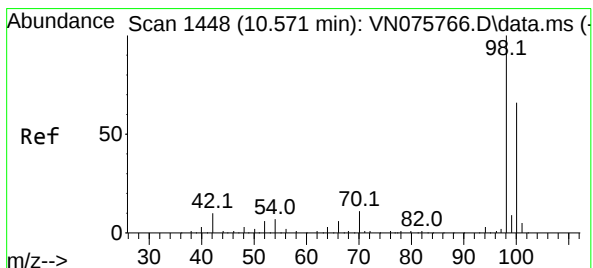
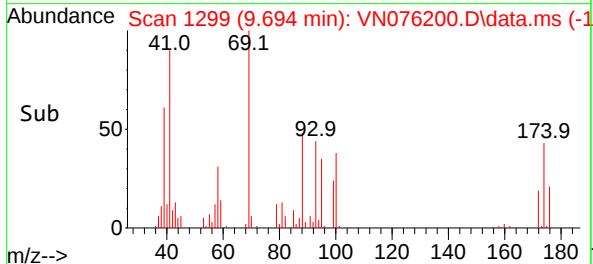
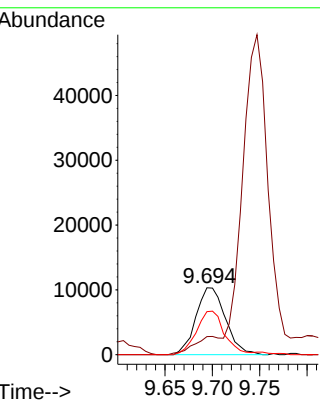
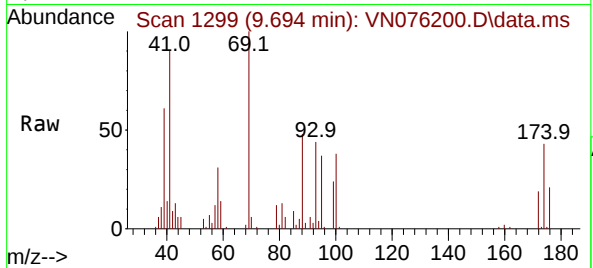
58 63.9 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#50

Toluene-d8

Concen: 44.048 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076200.D

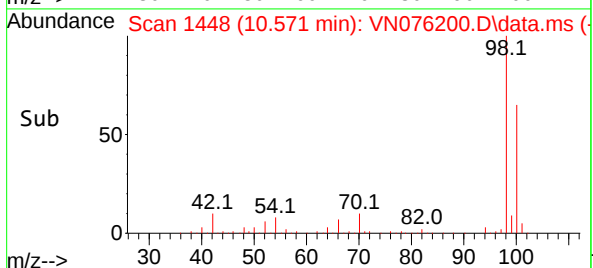
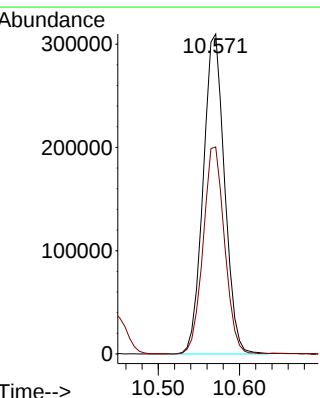
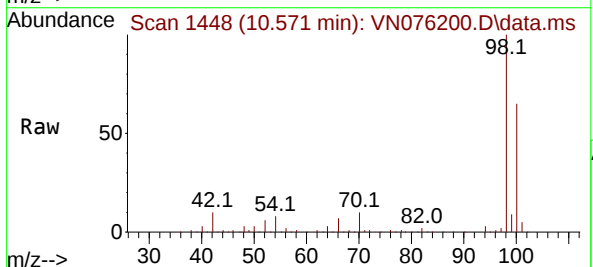
Acq: 11 Jan 2023 11:16

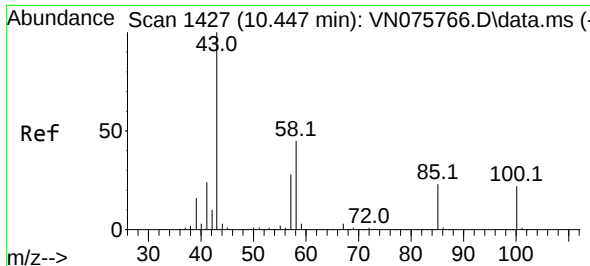
Tgt Ion: 98 Resp: 567174

Ion Ratio Lower Upper

98 100

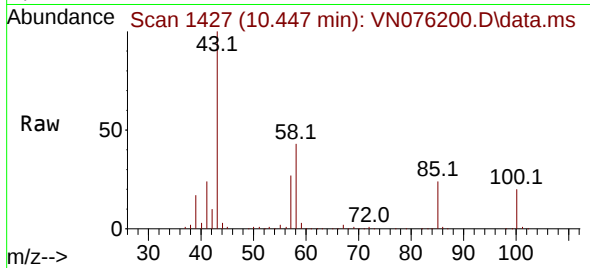
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 96.630 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

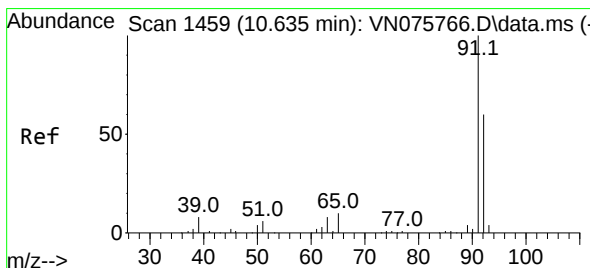
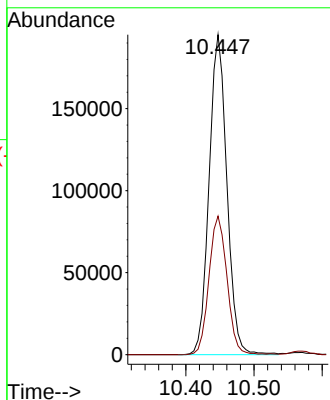
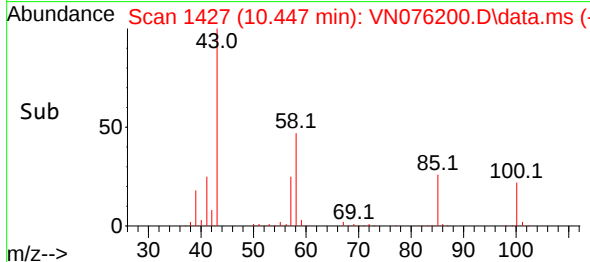
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



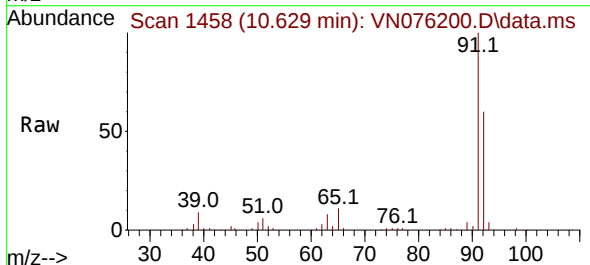
Tgt Ion: 43 Resp: 354230
Ion Ratio Lower Upper
43 100
58 43.9 35.5 53.3

Manual Integrations
APPROVED

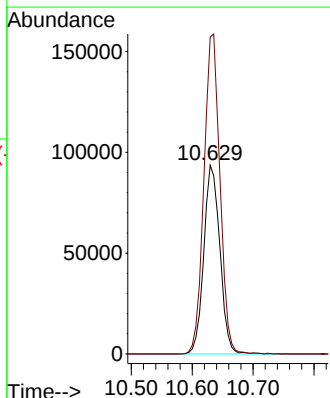
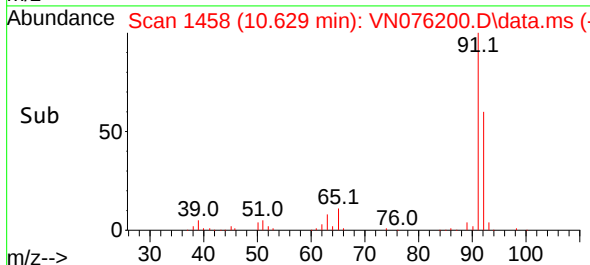
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

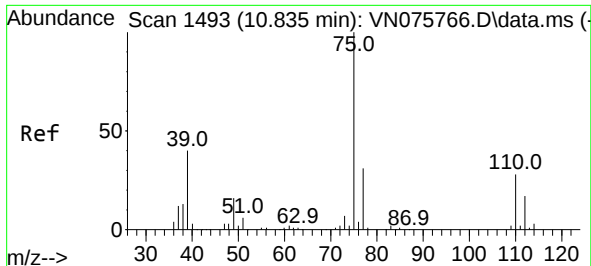


#52
Toluene
Concen: 18.708 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16



Tgt Ion: 92 Resp: 171974
Ion Ratio Lower Upper
92 100
91 169.1 137.3 205.9





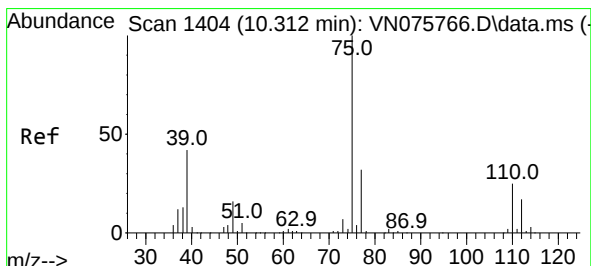
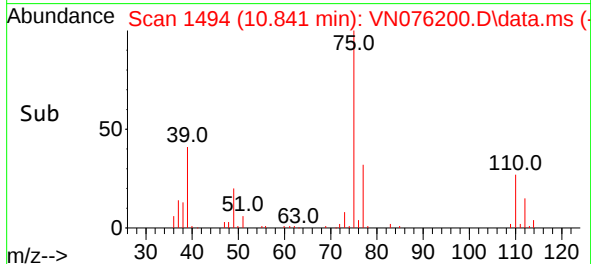
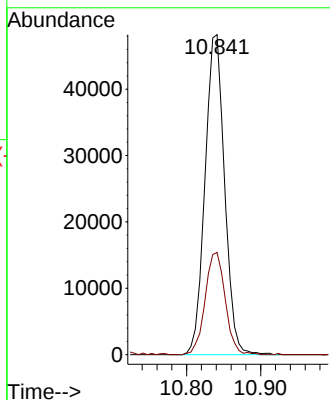
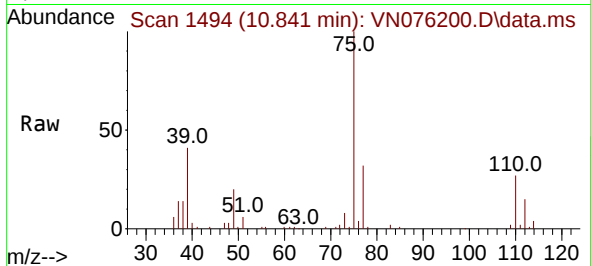
#53
 t-1,3-Dichloropropene
 Concen: 18.118 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN076200.D
 Acq: 11 Jan 2023 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBSD01

Tgt Ion: 75 Resp: 88600
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.9 37.3

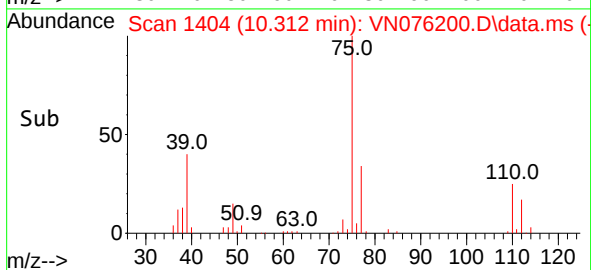
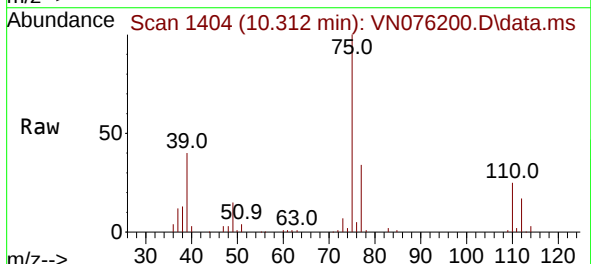
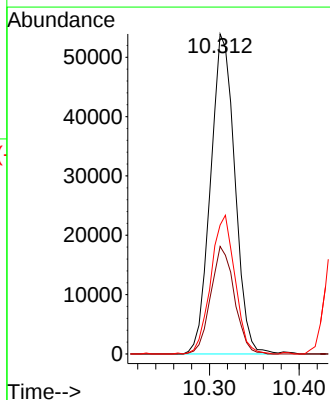
Manual Integrations
 APPROVED

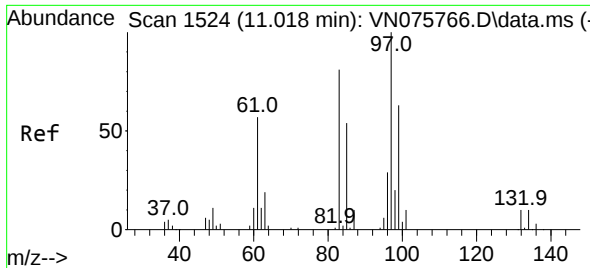
Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.862 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076200.D
 Acq: 11 Jan 2023 11:16

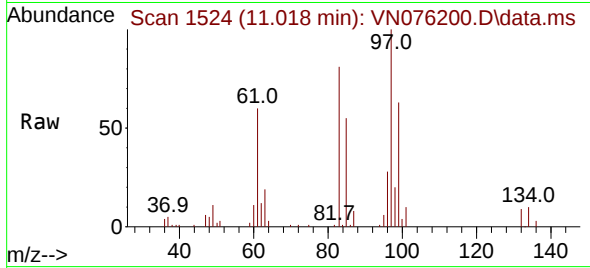
Tgt Ion: 75 Resp: 101279
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.8 38.8
 39 40.3 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 19.400 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

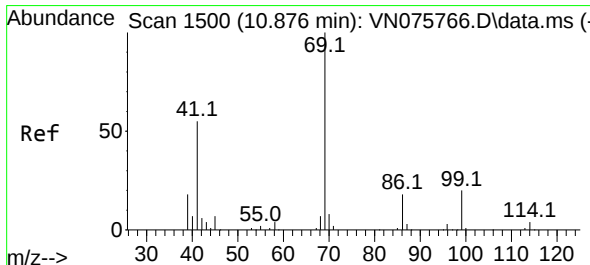
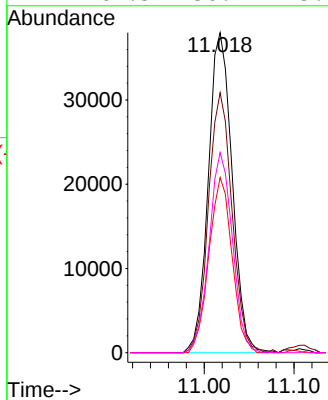
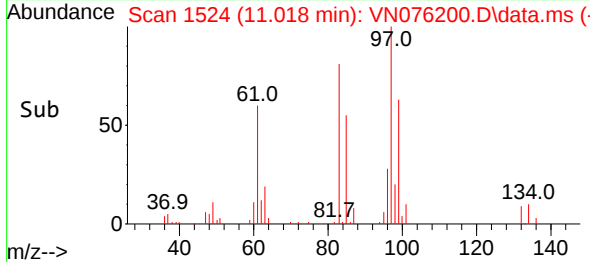
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion:	97	Resp:	6999
Ion Ratio	100	Lower	Upper
97	100		
83	81.2	65.0	97.4
85	54.8	43.0	64.6
99	62.5	50.2	75.2

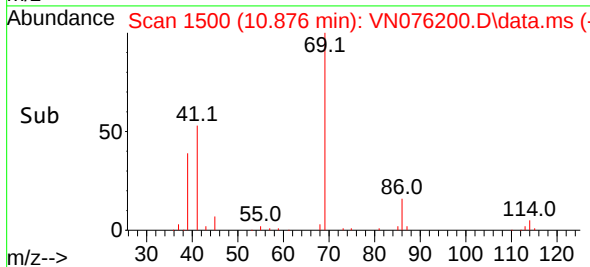
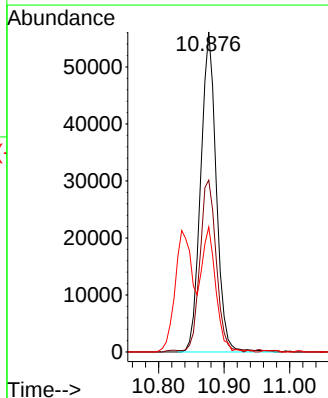
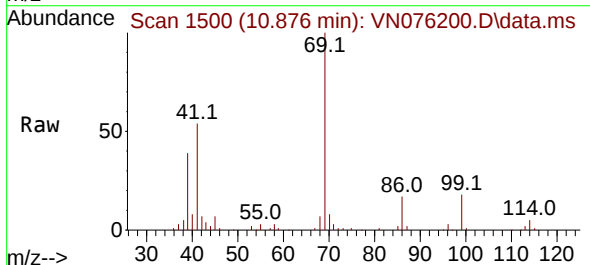
Manual Integrations
APPROVED

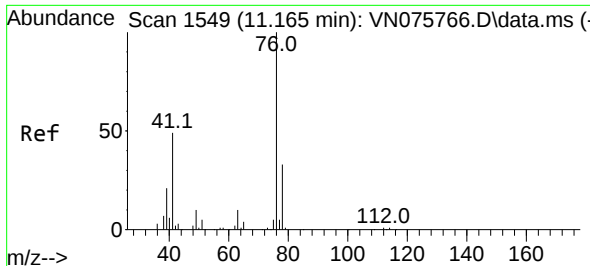
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#56
Ethyl methacrylate
Concen: 19.390 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Tgt Ion:	69	Resp:	92931
Ion Ratio	100	Lower	Upper
69	100		
41	56.1	44.2	66.4
39	35.3	26.4	39.6





#57

1,3-Dichloropropane

Concen: 18.888 ug/l

RT: 11.165 min Scan# 11179

Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion: 76 Resp: 11179

Ion Ratio Lower Upper

76 100

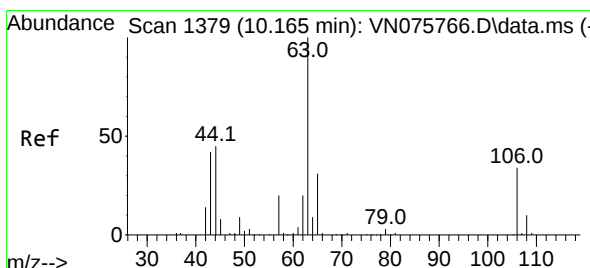
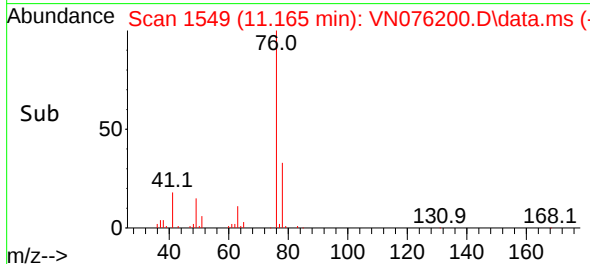
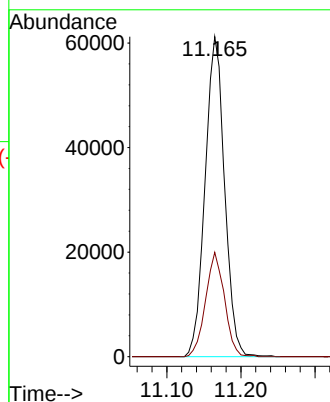
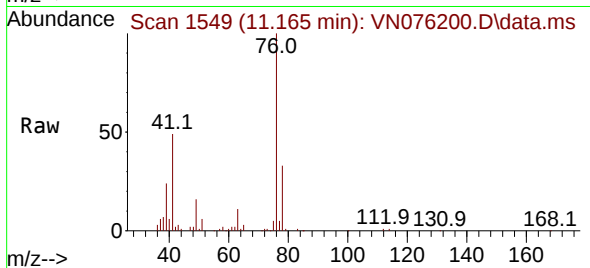
78 31.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 88.481 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076200.D

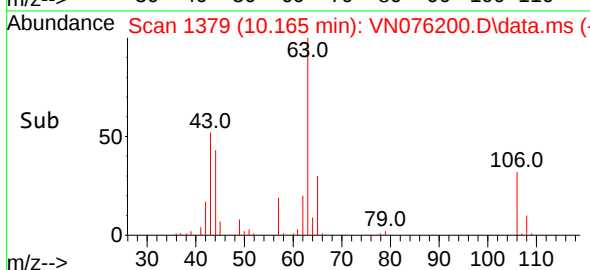
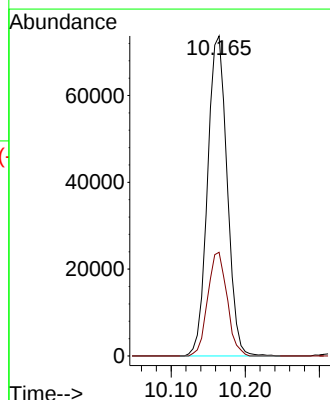
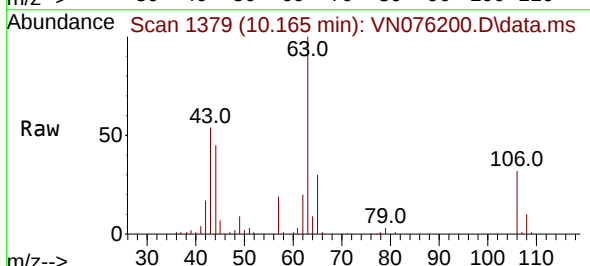
Acq: 11 Jan 2023 11:16

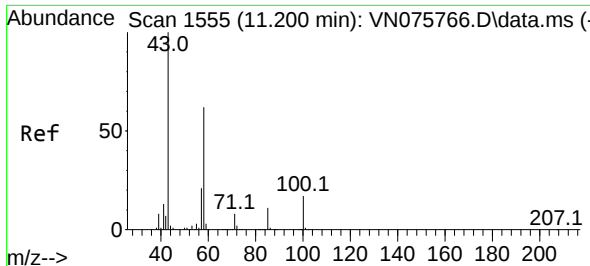
Tgt Ion: 63 Resp: 135012

Ion Ratio Lower Upper

63 100

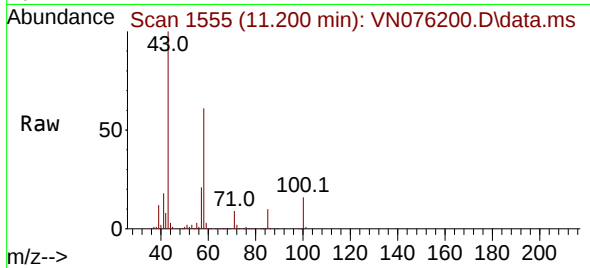
106 32.1 26.4 39.6





#59
2-Hexanone
Concen: 95.614 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

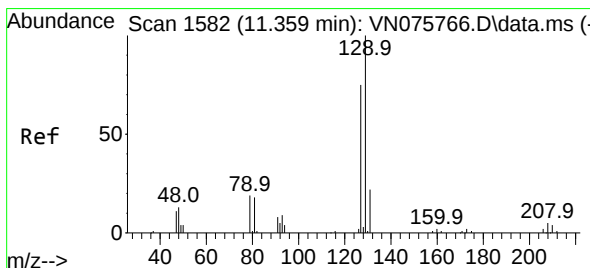
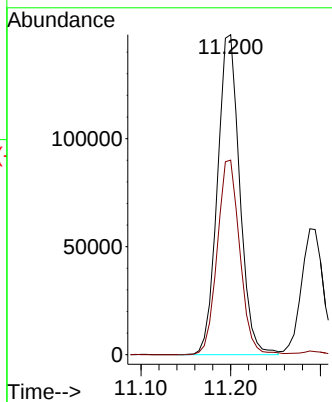
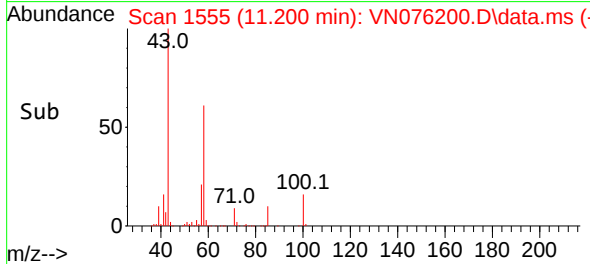
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion: 43 Resp: 255614
Ion Ratio Lower Upper
43 100
58 61.5 30.6 92.0

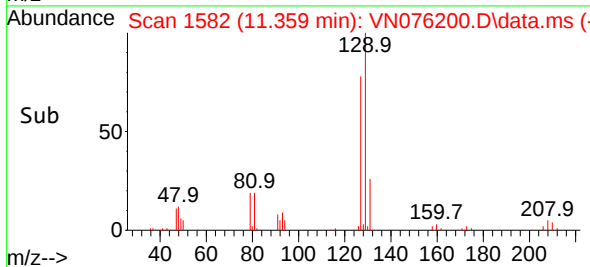
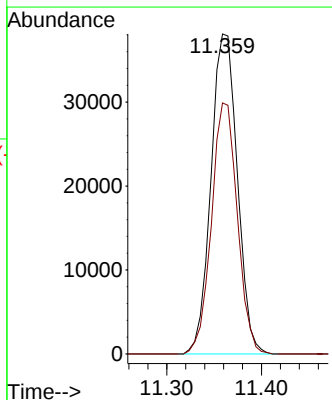
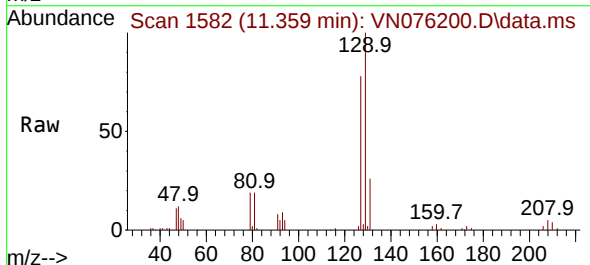
Manual Integrations
APPROVED

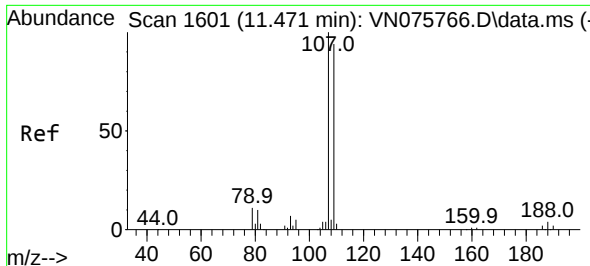
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#60
Dibromochloromethane
Concen: 18.415 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

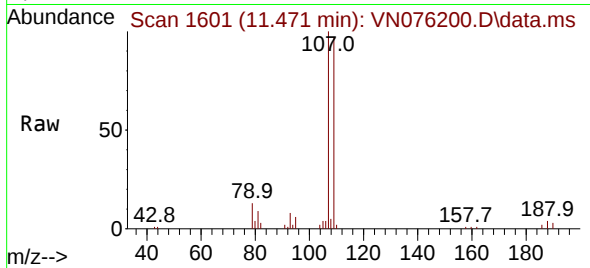
Tgt Ion:129 Resp: 73891
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.9





#61
1,2-Dibromoethane
Concen: 18.395 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

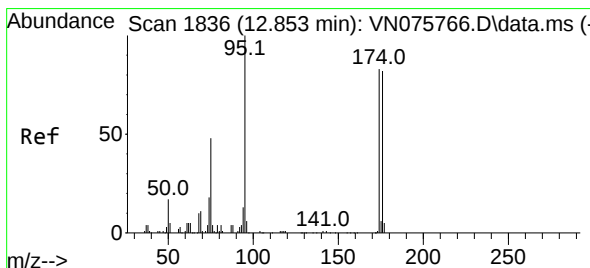
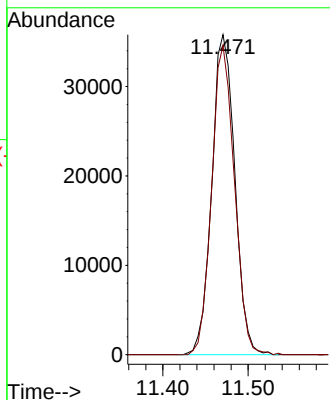
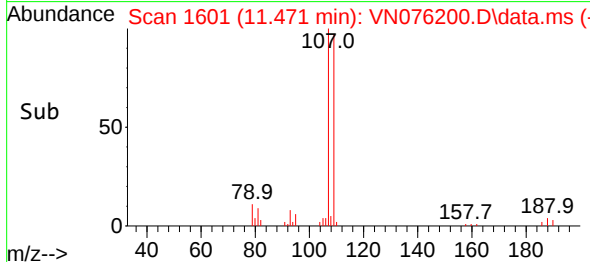
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



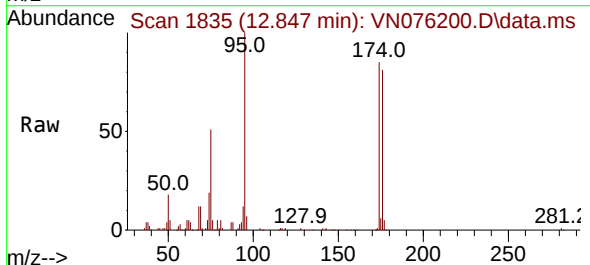
Tgt Ion:107 Resp: 6716
Ion Ratio Lower Upper
107 100
109 95.7 74.8 112.2

Manual Integrations
APPROVED

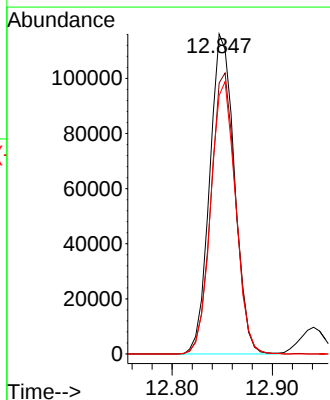
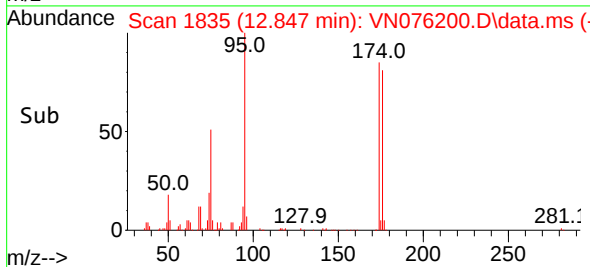
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

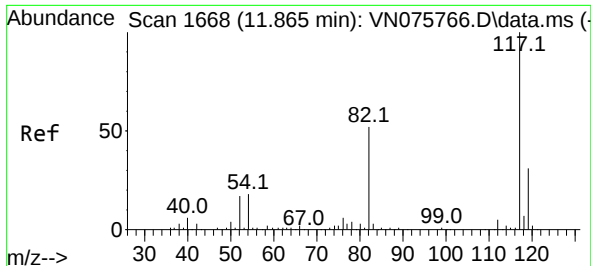


#62
4-Bromofluorobenzene
Concen: 46.675 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16



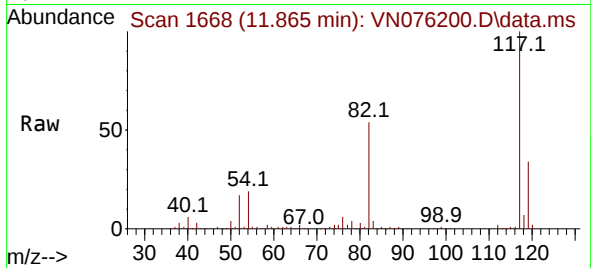
Tgt Ion: 95 Resp: 199057
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 85.2 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

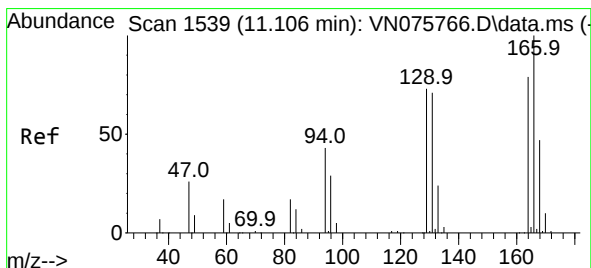
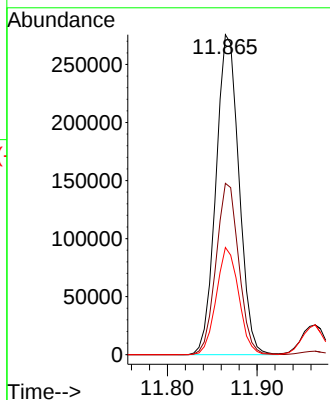
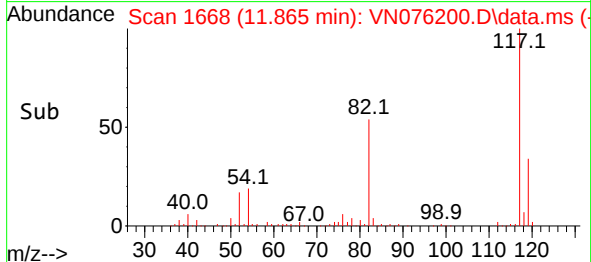
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



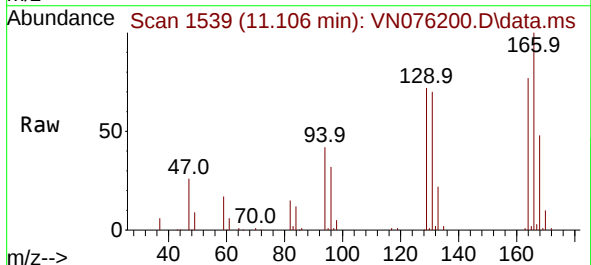
Tgt Ion:117 Resp: 491810
Ion Ratio Lower Upper
117 100
82 53.5 41.3 61.9
119 33.5 24.6 37.0

Manual Integrations
APPROVED

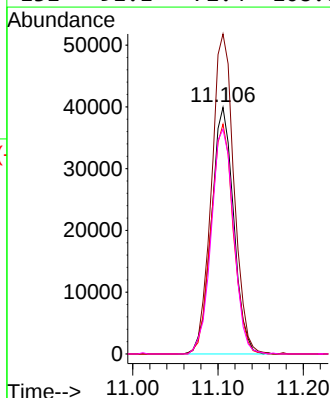
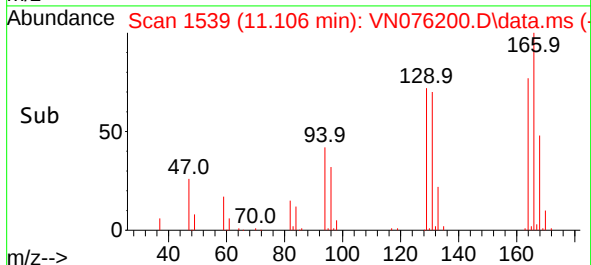
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

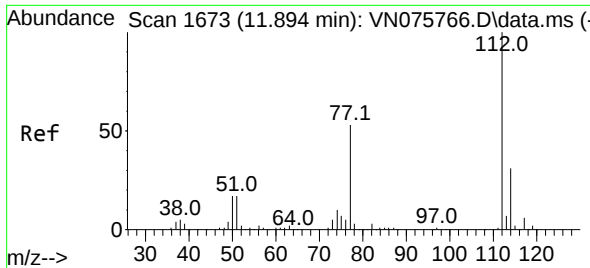


#64
Tetrachloroethene
Concen: 20.871 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16



Tgt Ion:164 Resp: 72229
Ion Ratio Lower Upper
164 100
166 129.8 101.9 152.9
129 93.2 74.2 111.2
131 91.1 72.4 108.6





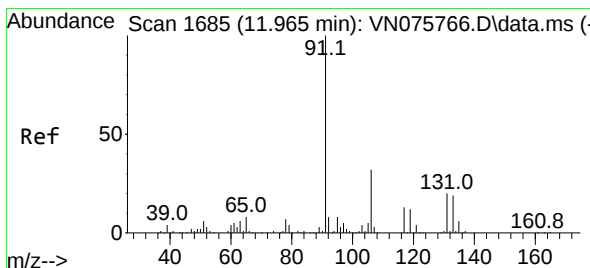
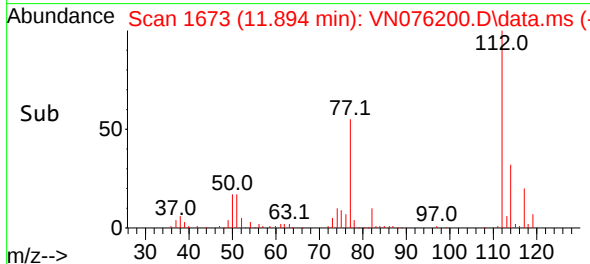
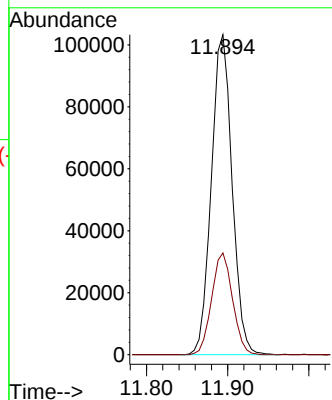
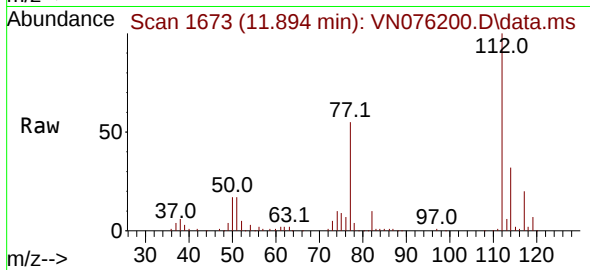
#65
Chlorobenzene
Concen: 18.178 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion:112 Resp: 183490
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1

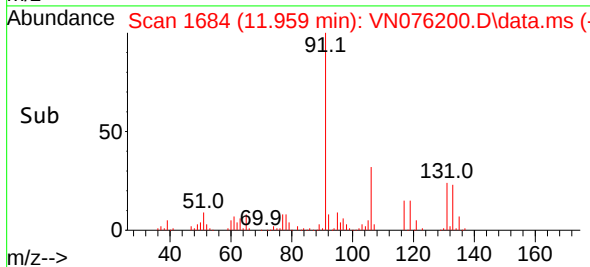
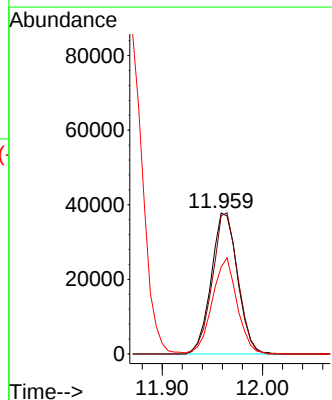
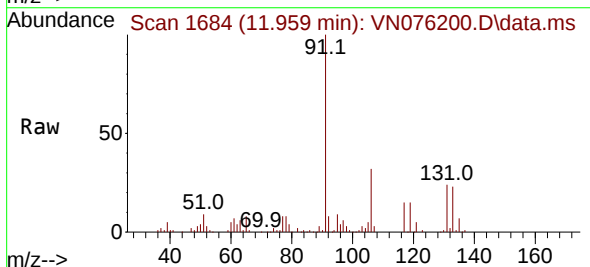
Manual Integrations
APPROVED

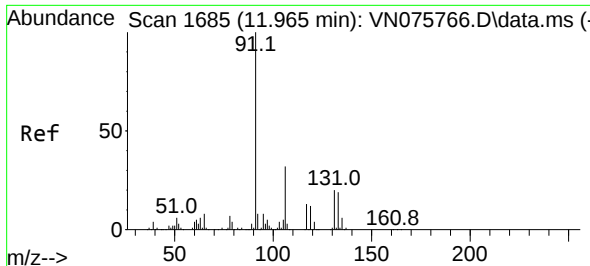
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.415 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Tgt Ion:131 Resp: 68854
Ion Ratio Lower Upper
131 100
133 96.9 47.5 142.5
119 64.3 31.9 95.7





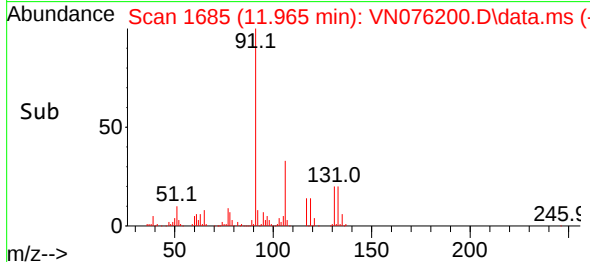
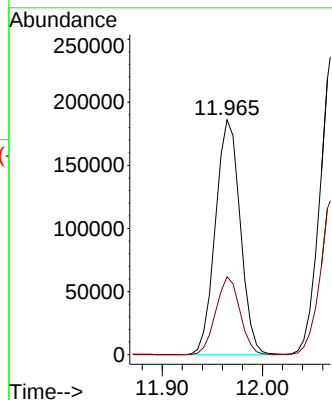
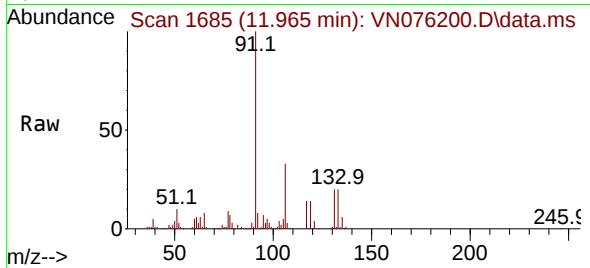
#67
Ethyl Benzene
Concen: 18.772 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 91 Resp: 31980
Ion Ratio Lower Upper
91 100
106 33.2 25.7 38.5

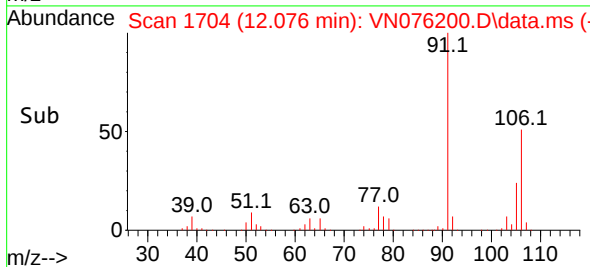
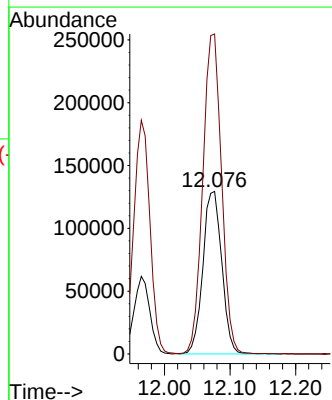
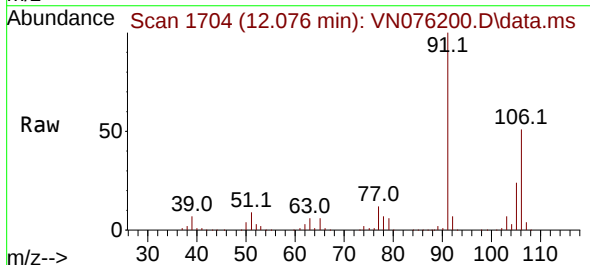
Manual Integrations
APPROVED

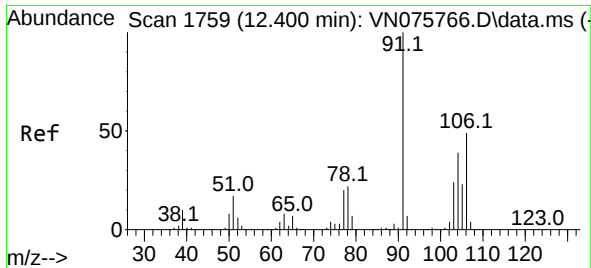
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#68
m/p-Xylenes
Concen: 38.426 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Tgt Ion:106 Resp: 259112
Ion Ratio Lower Upper
106 100
91 195.9 156.6 235.0





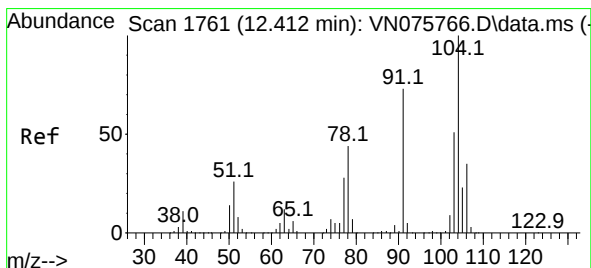
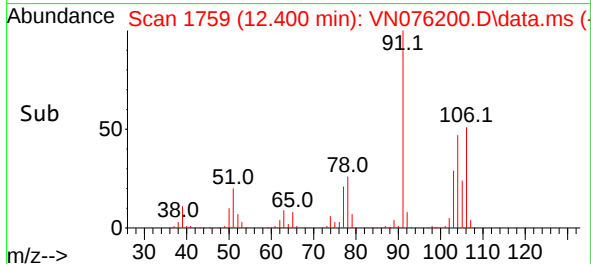
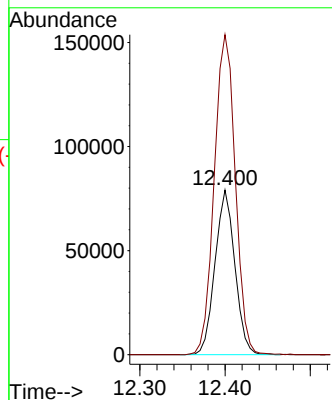
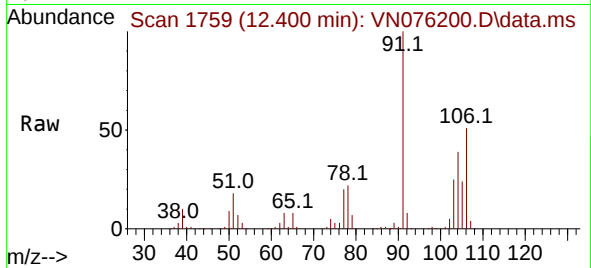
#69
o-Xylene
Concen: 19.186 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion:106 Resp: 12803
Ion Ratio Lower Upper
106 100
91 206.2 103.8 311.6

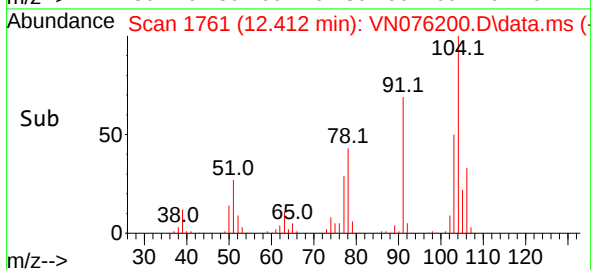
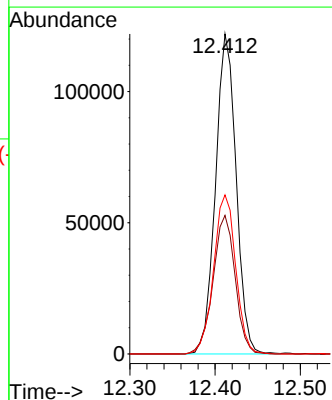
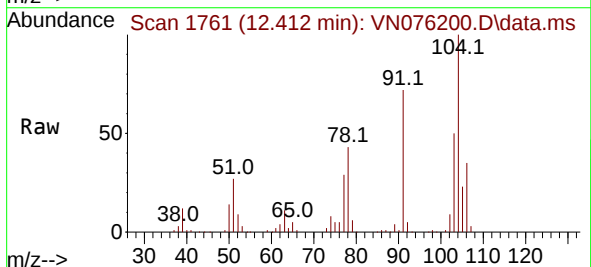
Manual Integrations
APPROVED

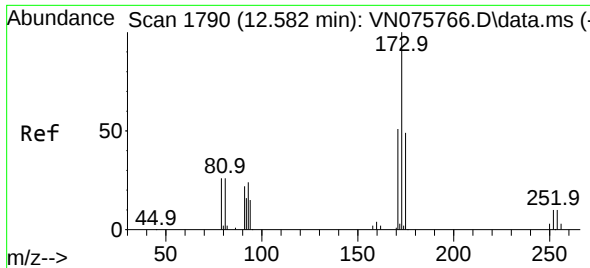
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#70
Styrene
Concen: 19.335 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Tgt Ion:104 Resp: 205147
Ion Ratio Lower Upper
104 100
78 46.4 37.5 56.3
103 53.3 43.5 65.3





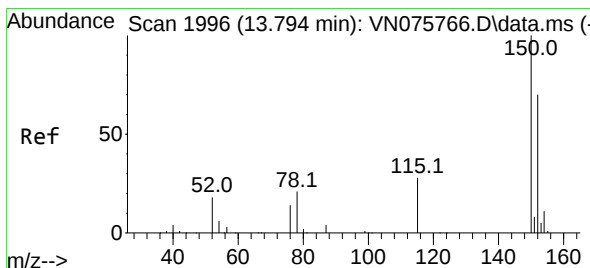
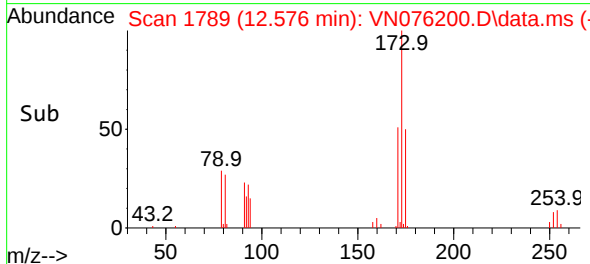
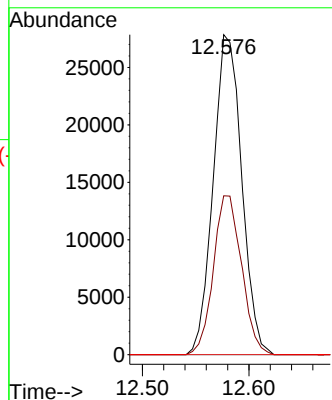
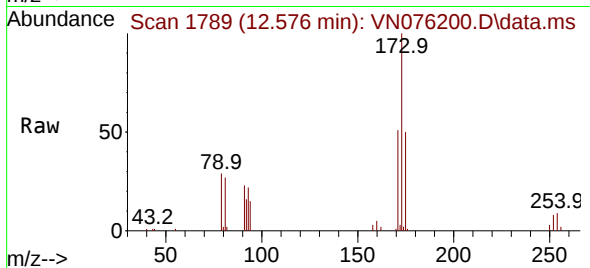
#71
Bromoform
Concen: 18.987 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion:173 Resp: 51658
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.0 0.0 0.0

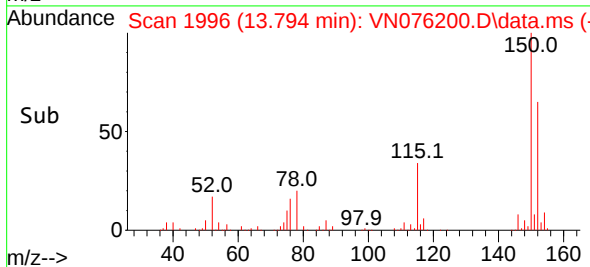
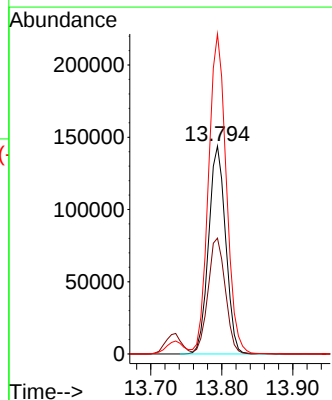
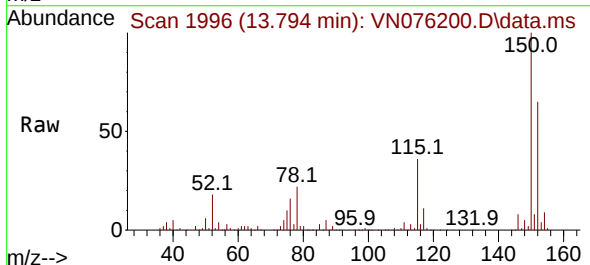
Manual Integrations
APPROVED

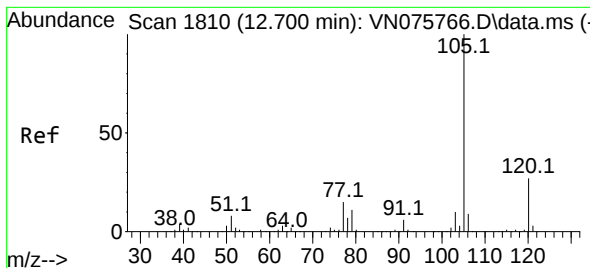
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Tgt Ion:152 Resp: 239780
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.4
150 160.8 0.0 347.0





#73

Isopropylbenzene

Concen: 19.094 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion:105 Resp: 33084

Ion Ratio Lower Upper

105 100

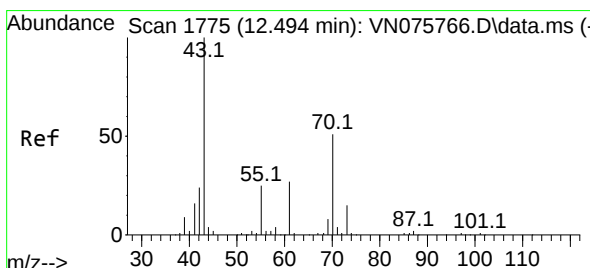
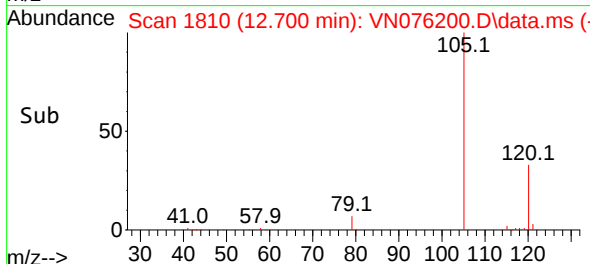
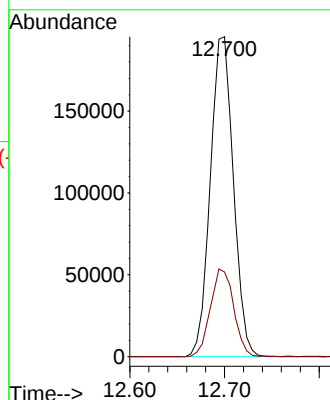
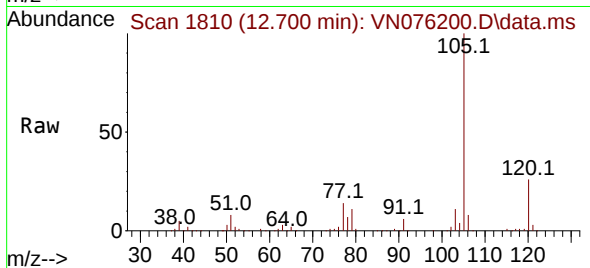
120 27.7 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#74

N-ethyl acetate

Concen: 18.981 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Tgt Ion: 43 Resp: 96486

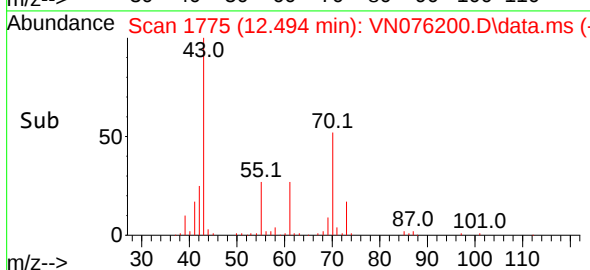
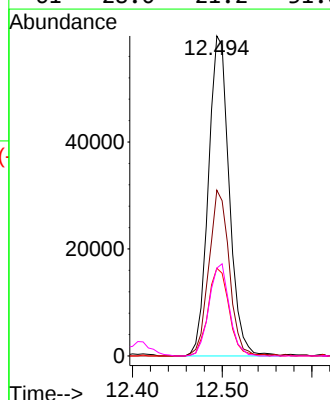
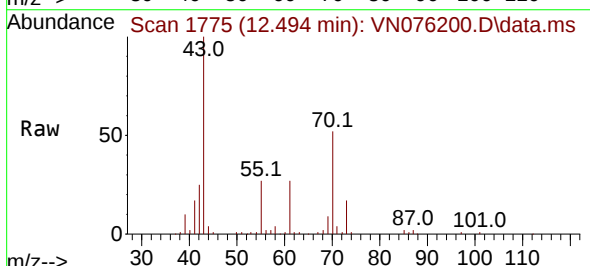
Ion Ratio Lower Upper

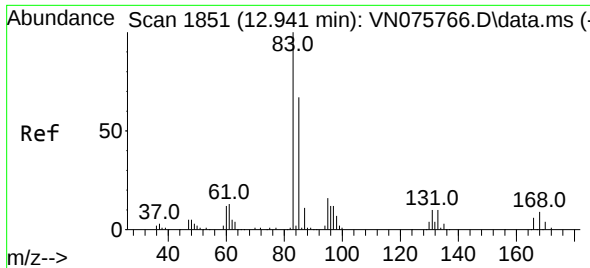
43 100

70 51.0 41.4 62.0

55 27.7 21.3 31.9

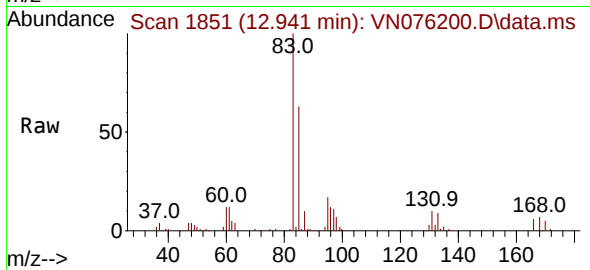
61 28.0 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 17.968 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

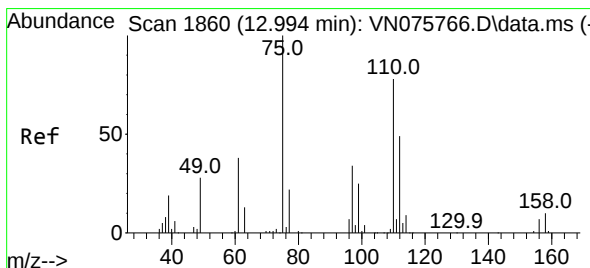
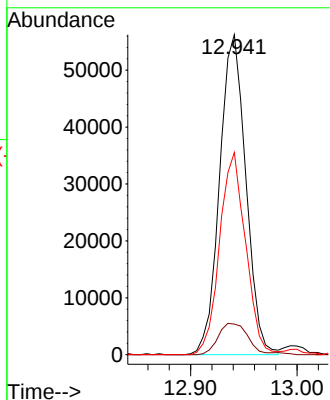
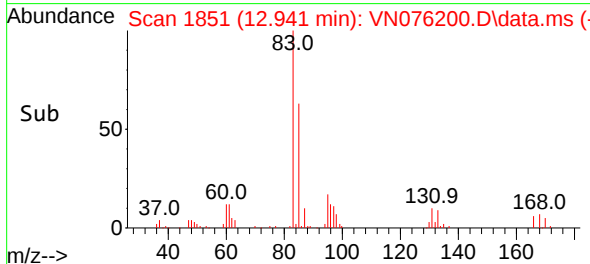
Instrument : MSVOA_N
ClientSampleId : VN0111WBSD01



Tgt Ion: 83 Resp: 96250
Ion Ratio Lower Upper
83 100
131 11.3 5.6 16.8
85 62.6 32.6 98.0

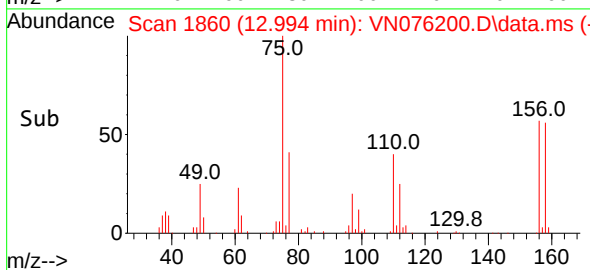
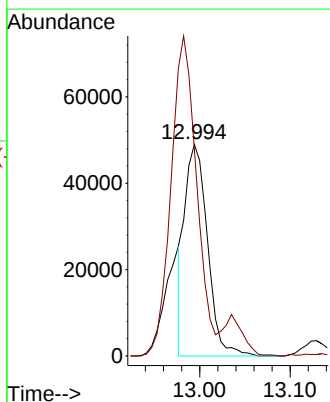
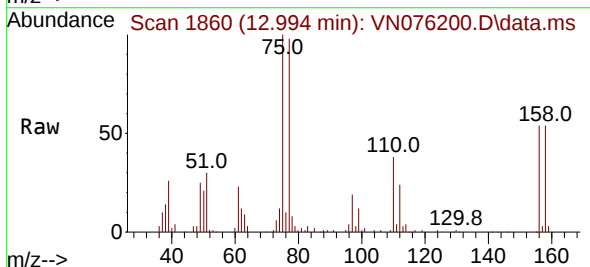
Manual Integrations
APPROVED

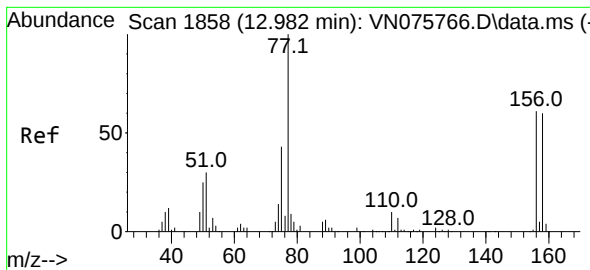
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#76
1,2,3-Trichloropropane
Concen: 17.707 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Tgt Ion: 75 Resp: 85583
Ion Ratio Lower Upper
75 100
77 170.0 82.6 247.8





#77

Bromobenzene

Concen: 18.507 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

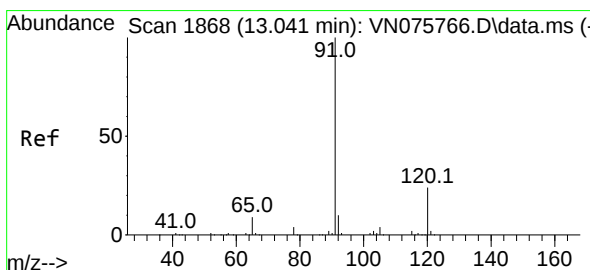
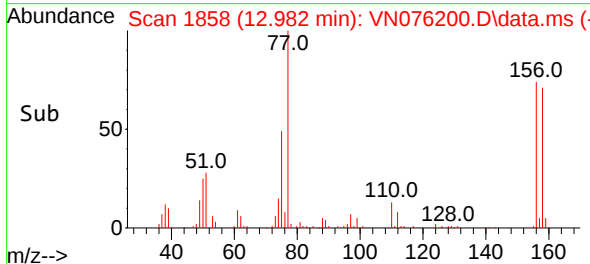
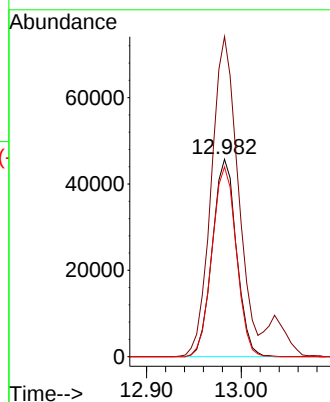
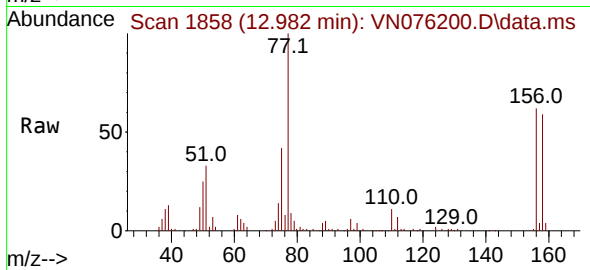
Tgt Ion:	156	Resp:	81158
Ion Ratio	Lower	Upper	
156	100		
77	179.2	93.8	281.3
158	96.6	48.9	146.6

Manual Integrations

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Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#78

n-propylbenzene

Concen: 19.283 ug/l

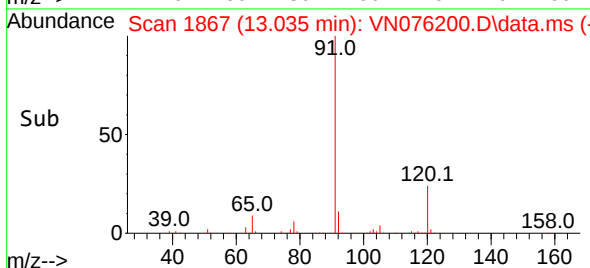
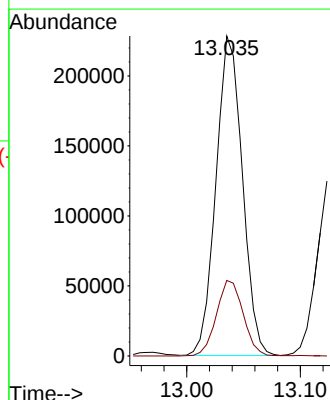
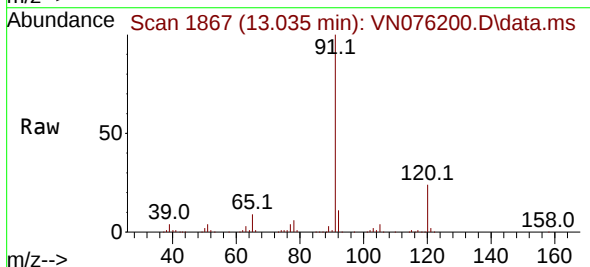
RT: 13.035 min Scan# 1867

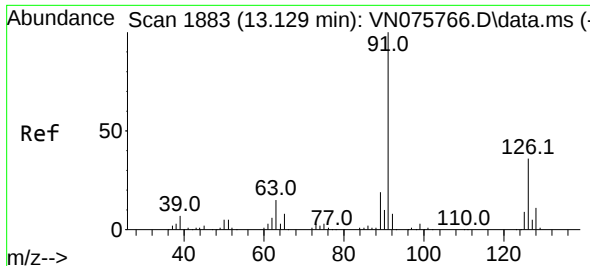
Delta R.T. -0.006 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Tgt Ion:	91	Resp:	368525
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.0	36.1





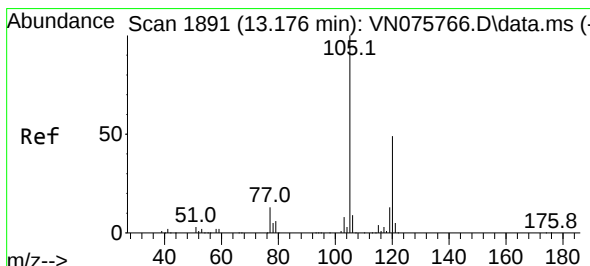
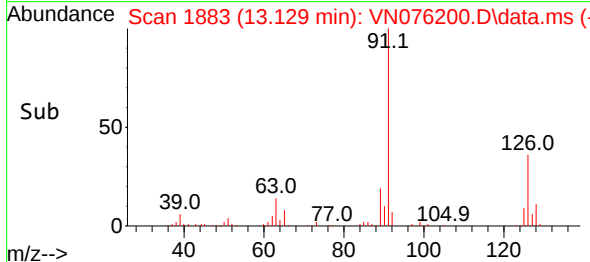
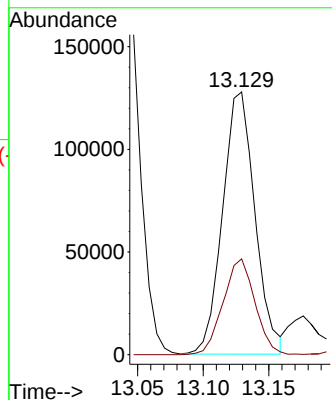
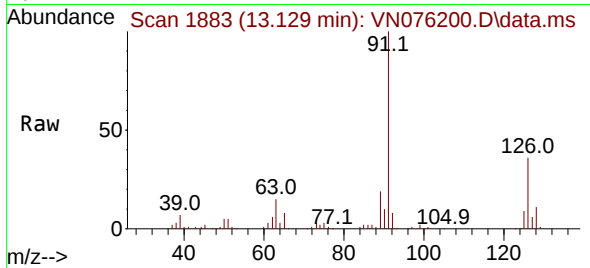
#79
2-Chlorotoluene
Concen: 18.387 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion: 91 Resp: 219358
Ion Ratio Lower Upper
91 100
126 35.9 17.5 52.5

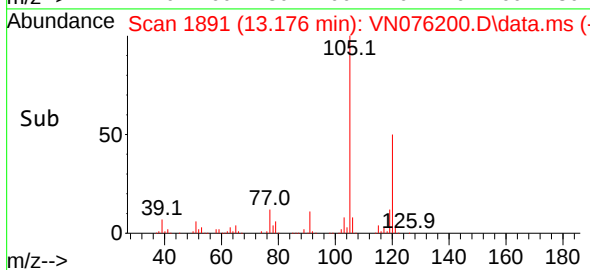
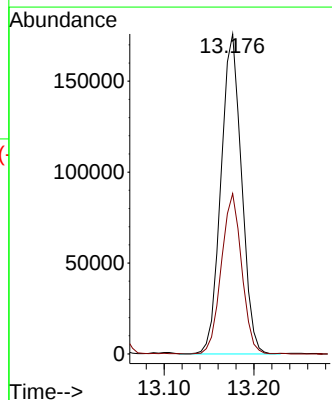
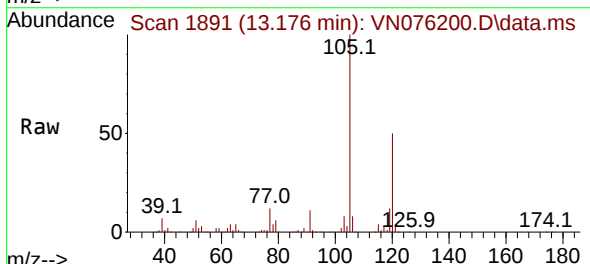
Manual Integrations
APPROVED

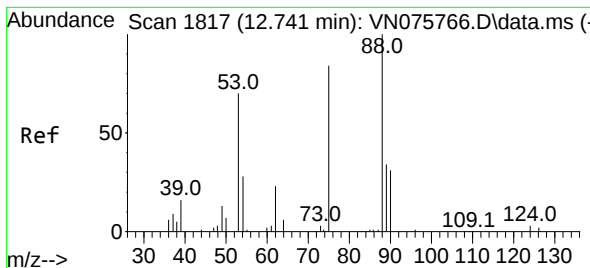
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.333 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

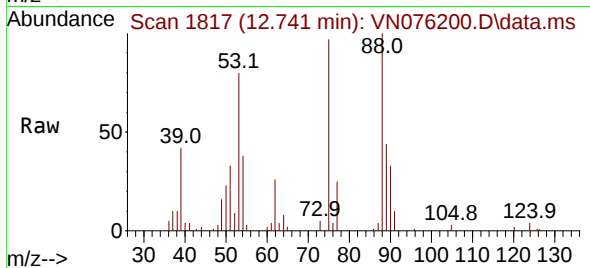
Tgt Ion:105 Resp: 280370
Ion Ratio Lower Upper
105 100
120 49.5 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 21.209 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

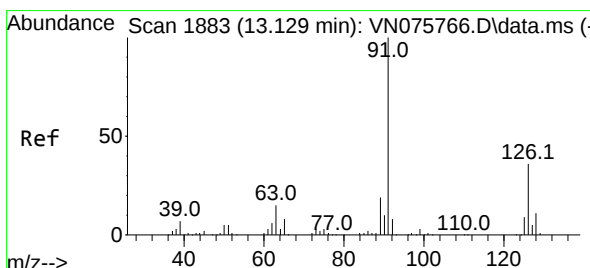
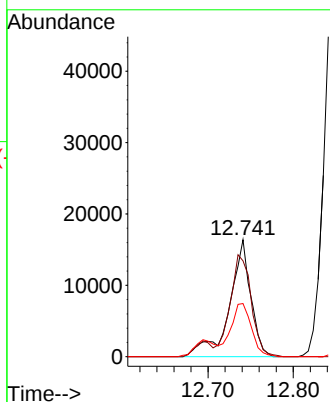
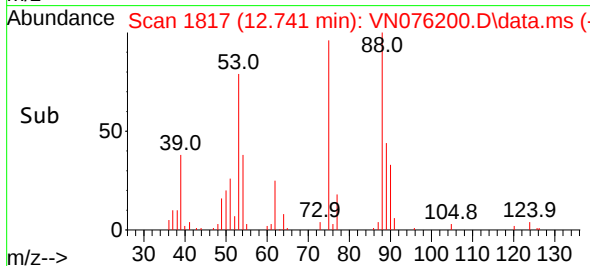
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion: 75 Resp: 28479
Ion Ratio Lower Upper
75 100
53 86.8 73.8 110.6
89 44.2 39.5 59.3

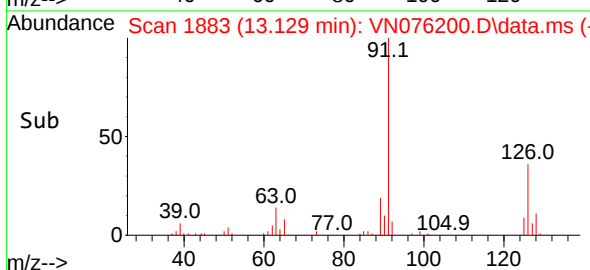
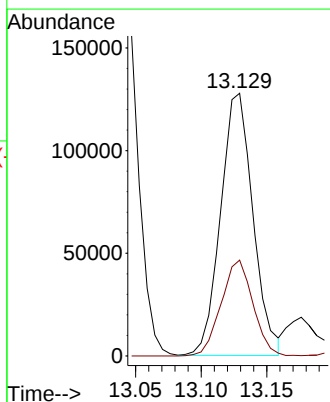
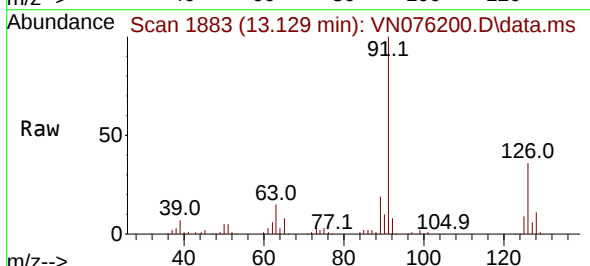
Manual Integrations
APPROVED

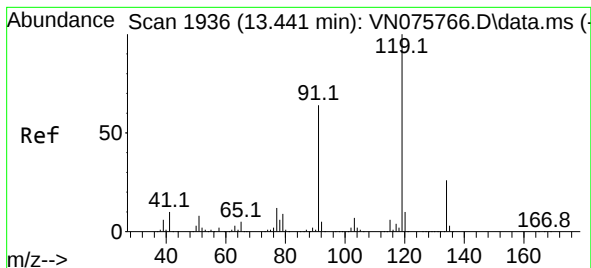
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#82
4-Chlorotoluene
Concen: 18.387 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

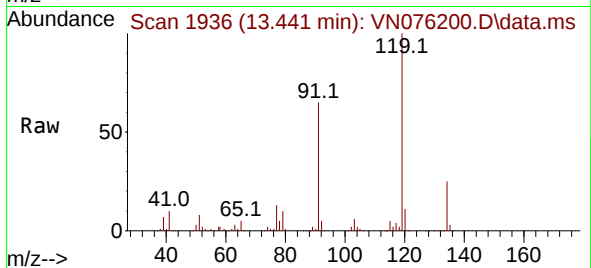
Tgt Ion: 91 Resp: 219358
Ion Ratio Lower Upper
91 100
126 35.9 17.5 52.5





#83
tert-Butylbenzene
Concen: 20.255 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

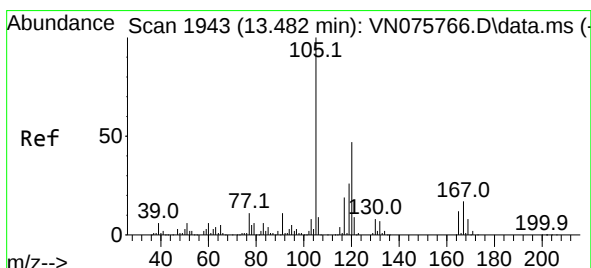
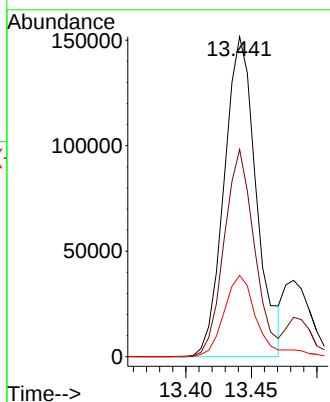
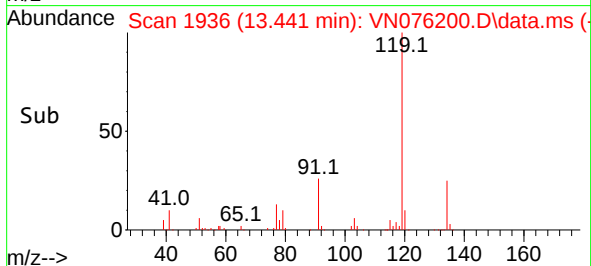
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



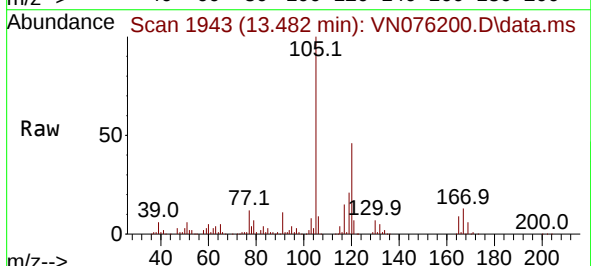
Tgt Ion:119 Resp: 258982
Ion Ratio Lower Upper
119 100
91 61.3 31.9 95.5
134 26.1 13.8 41.4

Manual Integrations
APPROVED

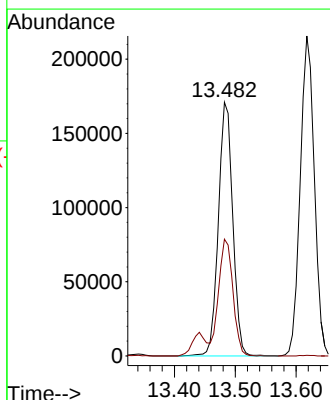
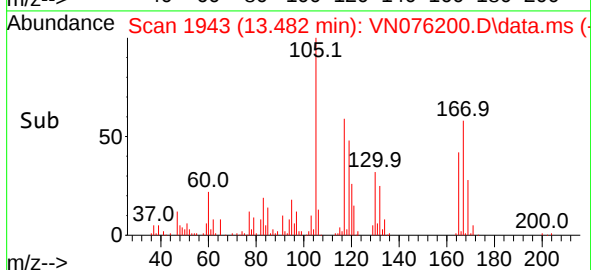
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

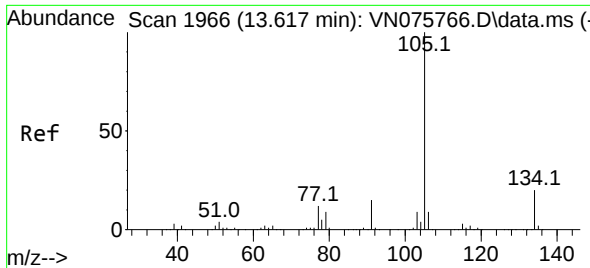


#84
1,2,4-Trimethylbenzene
Concen: 19.487 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16



Tgt Ion:105 Resp: 280354
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8





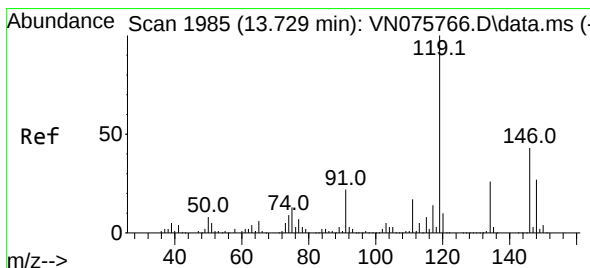
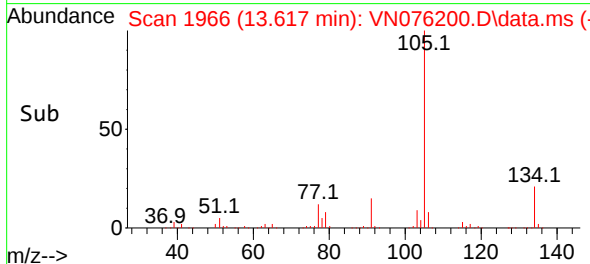
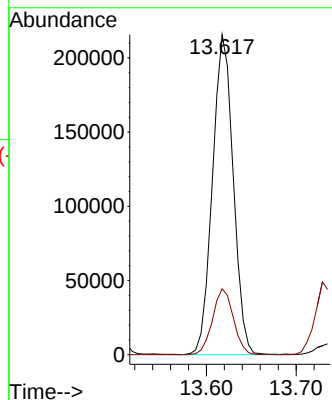
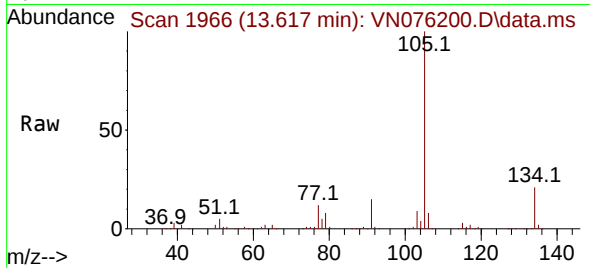
#85
 sec-Butylbenzene
 Concen: 19.628 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076200.D
 Acq: 11 Jan 2023 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBSD01

Tgt Ion:105 Resp: 34640
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1

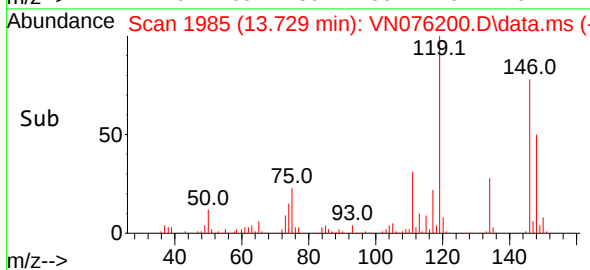
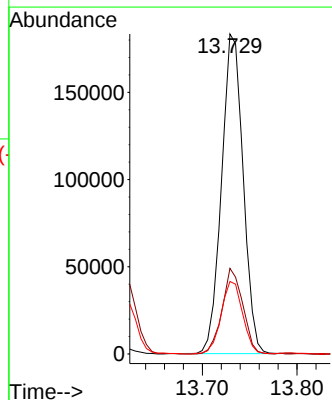
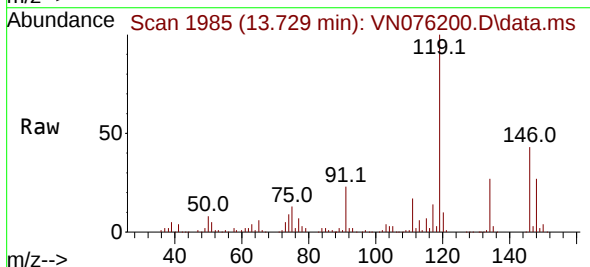
Manual Integrations
 APPROVED

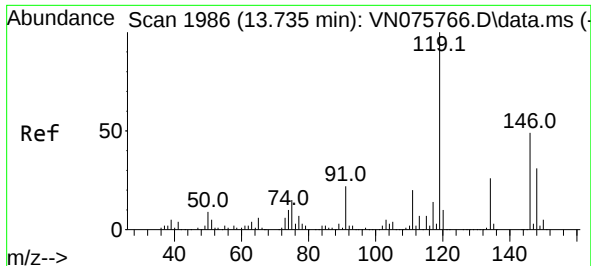
Reviewed By :John Carlone 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023



#86
 p-Isopropyltoluene
 Concen: 19.806 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076200.D
 Acq: 11 Jan 2023 11:16

Tgt Ion:119 Resp: 290848
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 22.6 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 17.974 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion:146 Resp: 145590

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

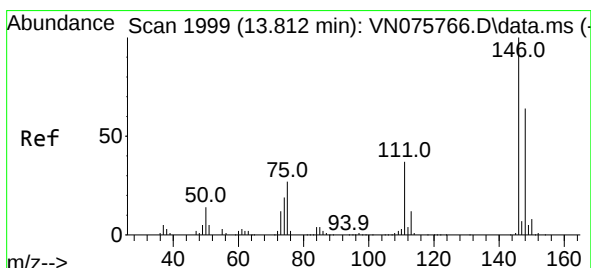
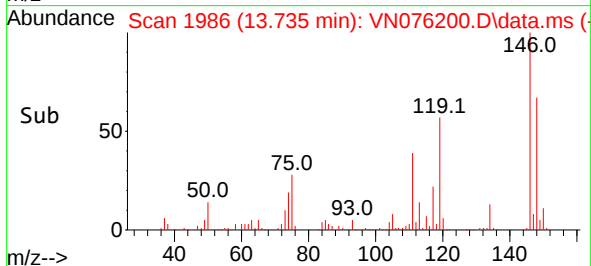
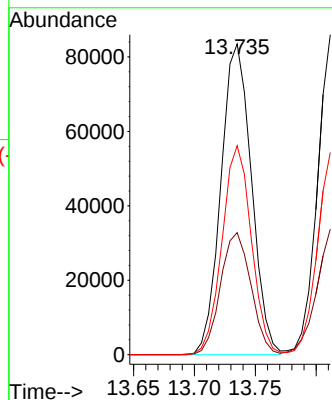
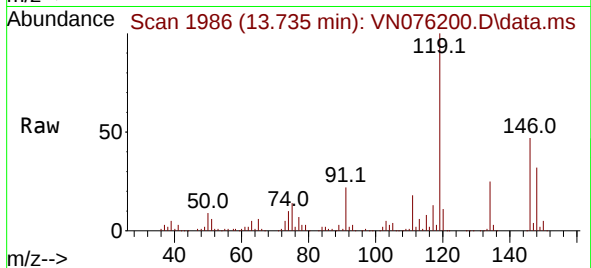
148 64.7 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#88

1,4-Dichlorobenzene

Concen: 17.444 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

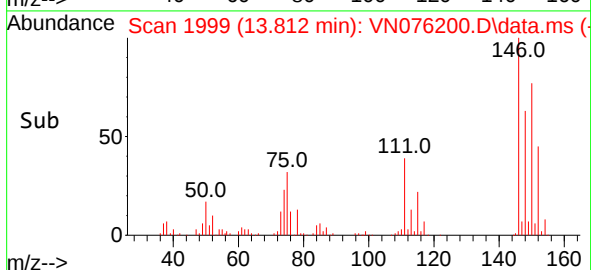
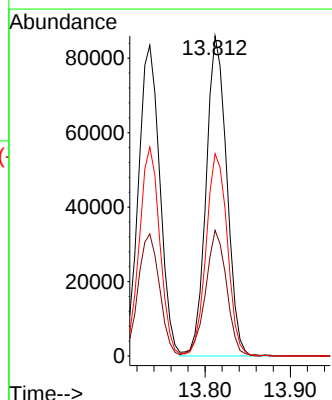
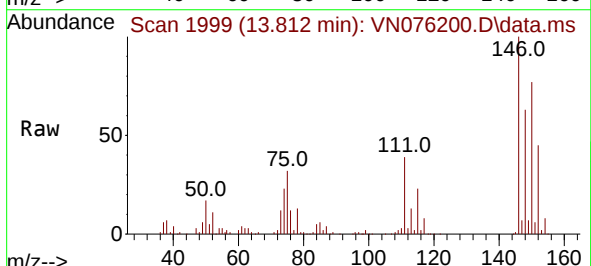
Tgt Ion:146 Resp: 144350

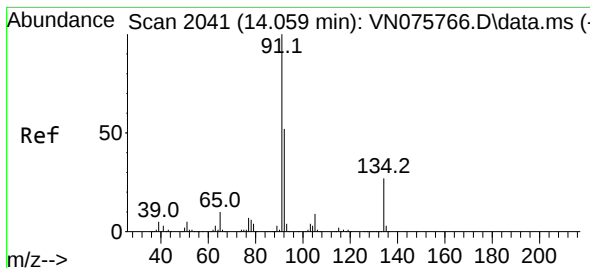
Ion Ratio Lower Upper

146 100

111 40.0 19.1 57.1

148 65.0 32.0 96.2





#89

n-Butylbenzene

Concen: 18.796 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

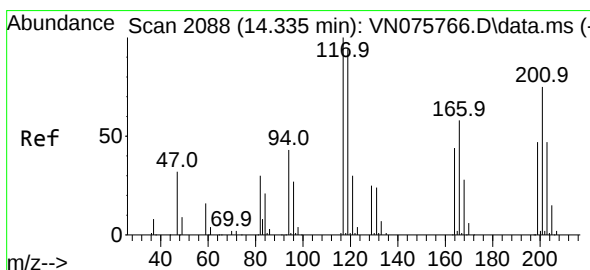
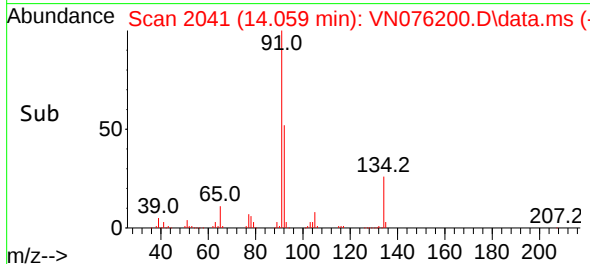
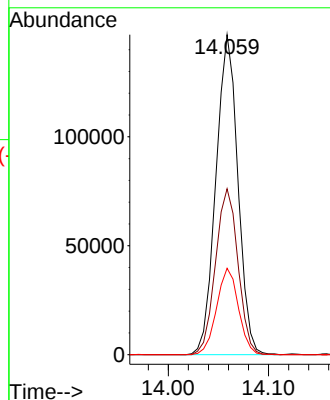
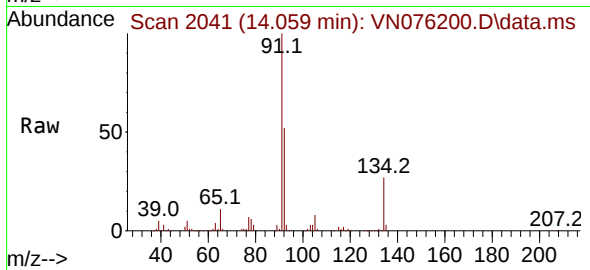
Tgt Ion:	91	Resp:	22361
Ion Ratio	Lower	Upper	
91	100		
92	53.0	26.4	79.2
134	26.9	13.4	40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#90

Hexachloroethane

Concen: 18.228 ug/l

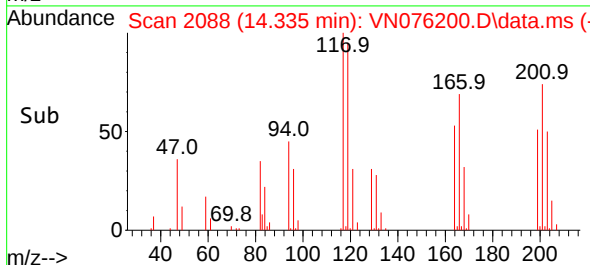
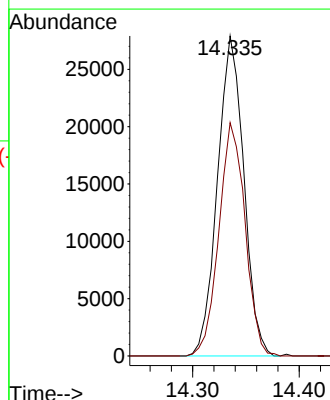
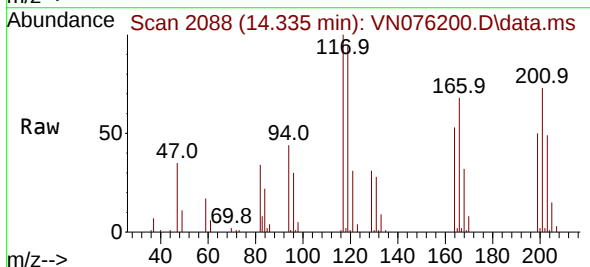
RT: 14.335 min Scan# 2088

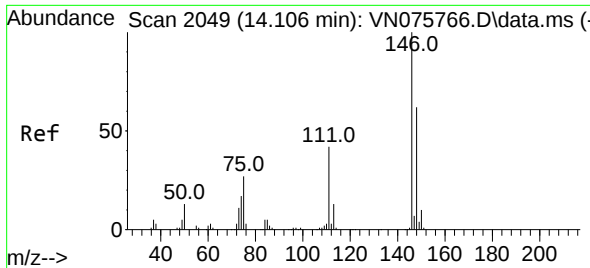
Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Tgt Ion:	117	Resp:	47881
Ion Ratio	Lower	Upper	
117	100		
201	72.5	38.0	114.1





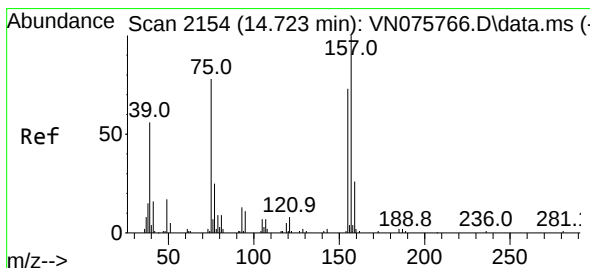
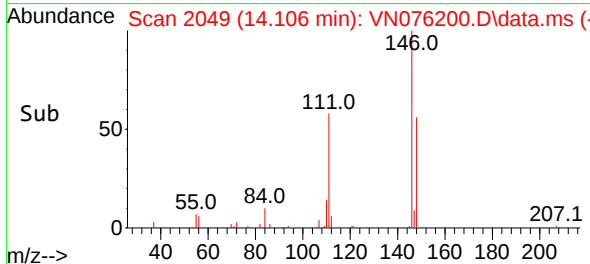
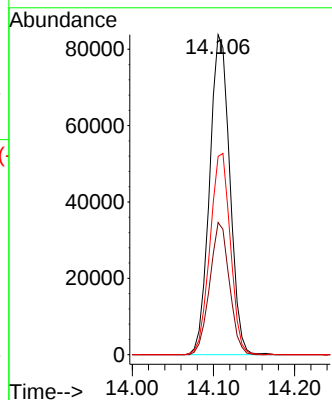
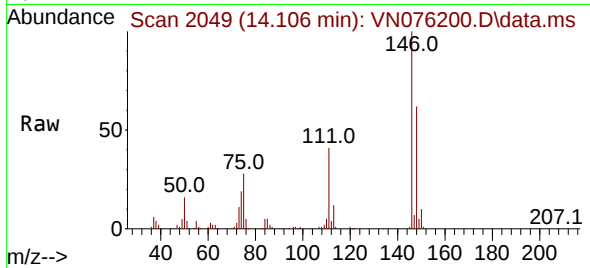
#91
1,2-Dichlorobenzene
Concen: 18.137 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01

Tgt Ion:146 Resp: 144712
Ion Ratio Lower Upper
146 100
111 40.1 20.3 61.0
148 63.5 31.7 95.1

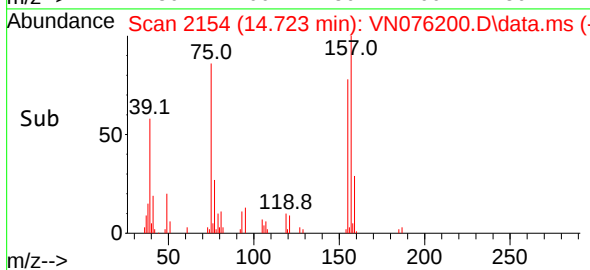
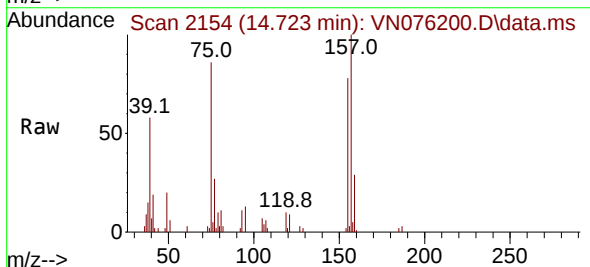
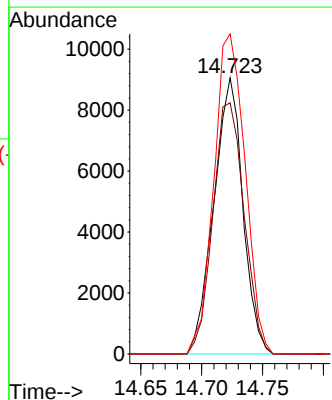
Manual Integrations
APPROVED

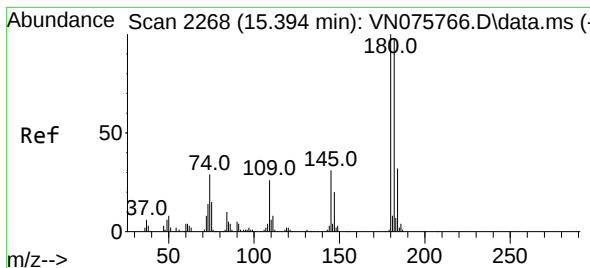
Reviewed By :John Carlone 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.836 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Tgt Ion: 75 Resp: 15052
Ion Ratio Lower Upper
75 100
155 97.6 49.3 147.8
157 124.6 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 17.143 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0111WBSD01

Tgt Ion:180 Resp: 67710

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.5

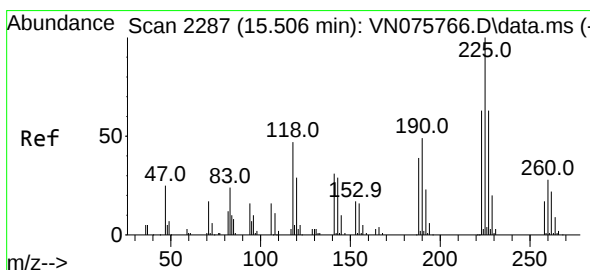
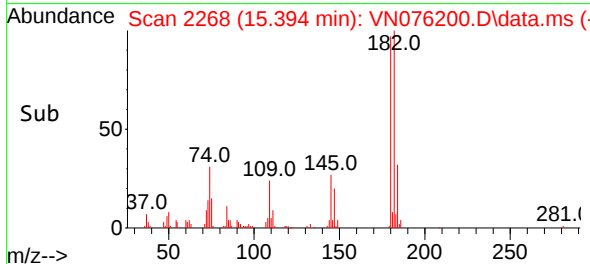
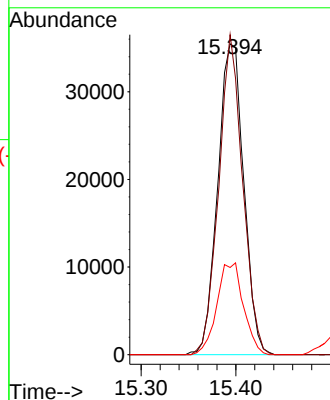
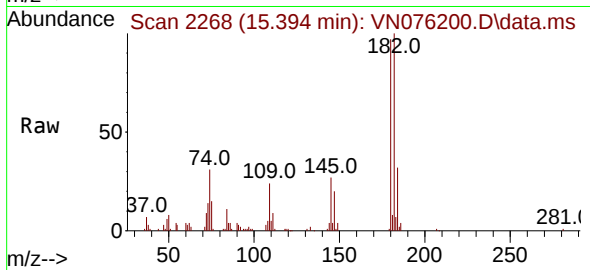
145 30.2 15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2023

Supervised By :Mahesh Dadoda 01/12/2023



#94

Hexachlorobutadiene

Concen: 17.540 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076200.D

Acq: 11 Jan 2023 11:16

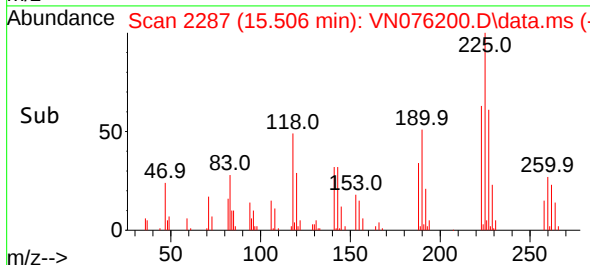
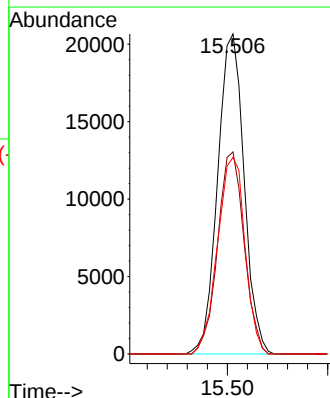
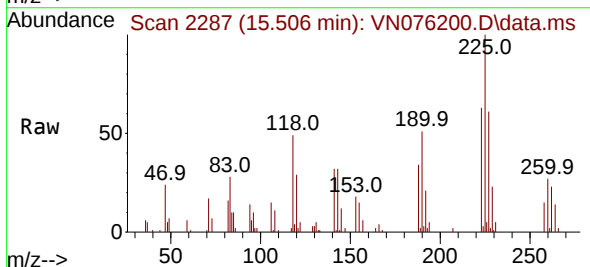
Tgt Ion:225 Resp: 37801

Ion Ratio Lower Upper

225 100

223 63.2 31.5 94.5

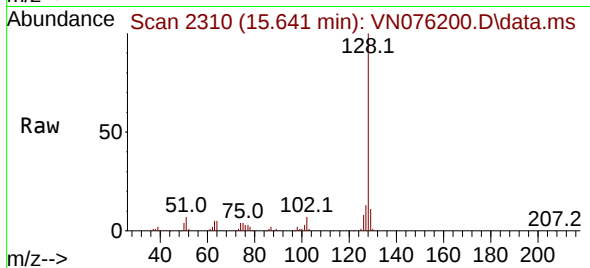
227 63.8 31.6 95.0





#95
Naphthalene
Concen: 16.858 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

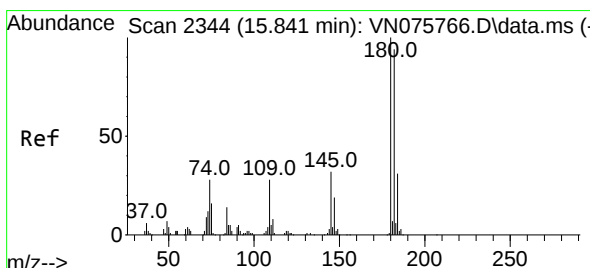
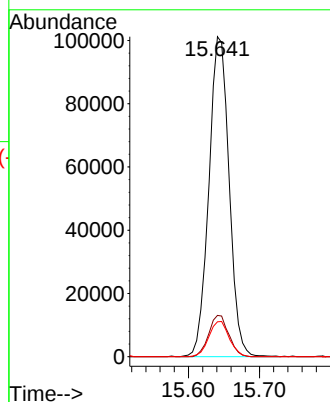
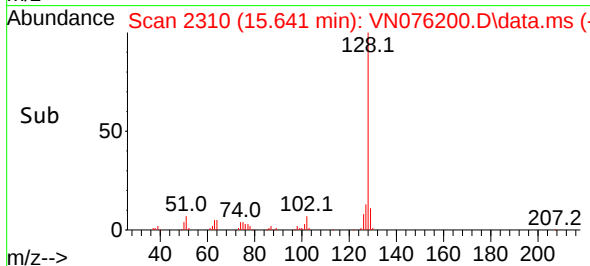
Instrument :
MSVOA_N
ClientSampleId :
VN0111WBSD01



Tgt Ion:128 Resp: 20030
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.2 8.7 13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 18.030 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076200.D
Acq: 11 Jan 2023 11:16

Tgt Ion:180 Resp: 66567
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.0
145 31.6 16.0 47.9

