

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074957.D
 Acq On : 21 Oct 2022 13:23
 Operator : JC\MD
 Sample : VN1021WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 02:52:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	432912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	753761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	827584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	533554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	549838	47.803	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.600%		
35) Dibromofluoromethane	8.171	113	425076	47.380	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.760%		
50) Toluene-d8	10.571	98	1647560	47.863	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.720%		
62) 4-Bromofluorobenzene	12.847	95	577141	47.532	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.060%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	114189	16.874	ug/l	99
3) Chloromethane	2.377	50	135713	17.810	ug/l	92
4) Vinyl Chloride	2.524	62	198212	17.842	ug/l	91
5) Bromomethane	2.948	94	158006	17.221	ug/l	98
6) Chloroethane	3.118	64	165556	19.505	ug/l	93
7) Trichlorofluoromethane	3.506	101	217686	18.709	ug/l	97
8) Diethyl Ether	3.971	74	86448	16.850	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	129520	18.735	ug/l	99
10) Methyl Iodide	4.594	142	173587	17.933	ug/l	99
11) Tert butyl alcohol	5.536	59	221997	91.290	ug/l	100
12) 1,1-Dichloroethene	4.353	96	112773	18.303	ug/l	94
13) Acrolein	4.194	56	138427	112.481	ug/l	98
14) Allyl chloride	5.036	41	189561	17.996	ug/l	96
15) Acrylonitrile	5.730	53	479843	97.546	ug/l	99
16) Acetone	4.447	43	393307	91.639	ug/l	96
17) Carbon Disulfide	4.724	76	219575	16.952	ug/l	98
18) Methyl Acetate	5.042	43	273319	18.711	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	534073	19.123	ug/l	99
20) Methylene Chloride	5.289	84	159365	19.716	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	126625	17.897	ug/l	84
22) Diisopropyl ether	6.683	45	461397	19.142	ug/l	93
23) Vinyl Acetate	6.618	43	1852555m	97.634	ug/l	
24) 1,1-Dichloroethane	6.583	63	273503	18.350	ug/l #	92
25) 2-Butanone	7.494	43	644918	92.041	ug/l	97
26) 2,2-Dichloropropane	7.500	77	253424	17.991	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	179722	18.600	ug/l	98
28) Bromochloromethane	7.818	49	125768	20.250	ug/l	97
29) Tetrahydrofuran	7.847	42	393385	91.029	ug/l	99
30) Chloroform	7.971	83	307862	18.280	ug/l	96
31) Cyclohexane	8.259	56	203100	17.283	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	269966	17.815	ug/l	93
36) 1,1-Dichloropropene	8.377	75	203854	18.042	ug/l	97
37) Ethyl Acetate	7.565	43	250406	18.821	ug/l	99
38) Carbon Tetrachloride	8.371	117	219684	17.861	ug/l	93
39) Methylcyclohexane	9.606	83	241862	18.067	ug/l	93
40) Benzene	8.612	78	638829	18.340	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	123934	18.559	ug/l	98
42) 1,2-Dichloroethane	8.677	62	252787	19.172	ug/l	97
43) Isopropyl Acetate	8.694	43	399401	19.355	ug/l	100
44) Trichloroethene	9.359	130	153527	17.958	ug/l	99
45) 1,2-Dichloropropane	9.624	63	165546	18.439	ug/l	97
46) Dibromomethane	9.712	93	124249	18.925	ug/l	99
47) Bromodichloromethane	9.888	83	253102	19.084	ug/l	92
48) Methyl methacrylate	9.682	41	176376	19.547	ug/l	99
49) 1,4-Dioxane	9.700	88	97383	373.287	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	1312854	96.047	ug/l	99
52) Toluene	10.629	92	422480	18.587	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	257097	19.649	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	272242	18.814	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	184217	19.314	ug/l	95
56) Ethyl methacrylate	10.876	69	282655	19.678	ug/l	98
57) 1,3-Dichloropropane	11.165	76	315500	19.483	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	584304	92.760	ug/l	99
59) 2-Hexanone	11.200	43	999474	96.415	ug/l	99
60) Dibromochloromethane	11.359	129	184824	18.458	ug/l	98
61) 1,2-Dibromoethane	11.470	107	183035	19.032	ug/l	99
64) Tetrachloroethene	11.106	164	115955	17.134	ug/l	89
65) Chlorobenzene	11.894	112	453021	18.104	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	178315	18.906	ug/l	99
67) Ethyl Benzene	11.965	91	806028	18.142	ug/l	100
68) m/p-Xylenes	12.070	106	636083	36.717	ug/l	100
69) o-Xylene	12.400	106	325982	18.784	ug/l	99
70) Styrene	12.412	104	522174	18.984	ug/l	99
71) Bromoform	12.582	173	128286	18.022	ug/l	99
73) Isopropylbenzene	12.694	105	824596	18.921	ug/l	99
74) N-amyl acetate	12.494	43	336367	19.209	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	308795	18.973	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	228105m	15.765	ug/l	
77) Bromobenzene	12.982	156	180821	18.093	ug/l	99
78) n-propylbenzene	13.035	91	960740	18.836	ug/l	100
79) 2-Chlorotoluene	13.123	91	586547	18.564	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	713312	18.949	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	89737	19.884	ug/l	98
82) 4-Chlorotoluene	13.123	91	586547	18.564	ug/l	96
83) tert-Butylbenzene	13.441	119	617556	18.538	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	724902	19.065	ug/l	99
85) sec-Butylbenzene	13.617	105	882214	18.861	ug/l	99
86) p-Isopropyltoluene	13.729	119	717955	18.637	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	364845	19.081	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	365484	18.853	ug/l	98
89) n-Butylbenzene	14.059	91	614105	18.668	ug/l	100
90) Hexachloroethane	14.335	117	132670	17.776	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	378715	19.323	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	65921	19.493	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	175333	20.557	ug/l	96
94) Hexachlorobutadiene	15.506	225	81029	18.401	ug/l	97
95) Naphthalene	15.641	128	635543	19.606	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	165585	19.290	ug/l	98

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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

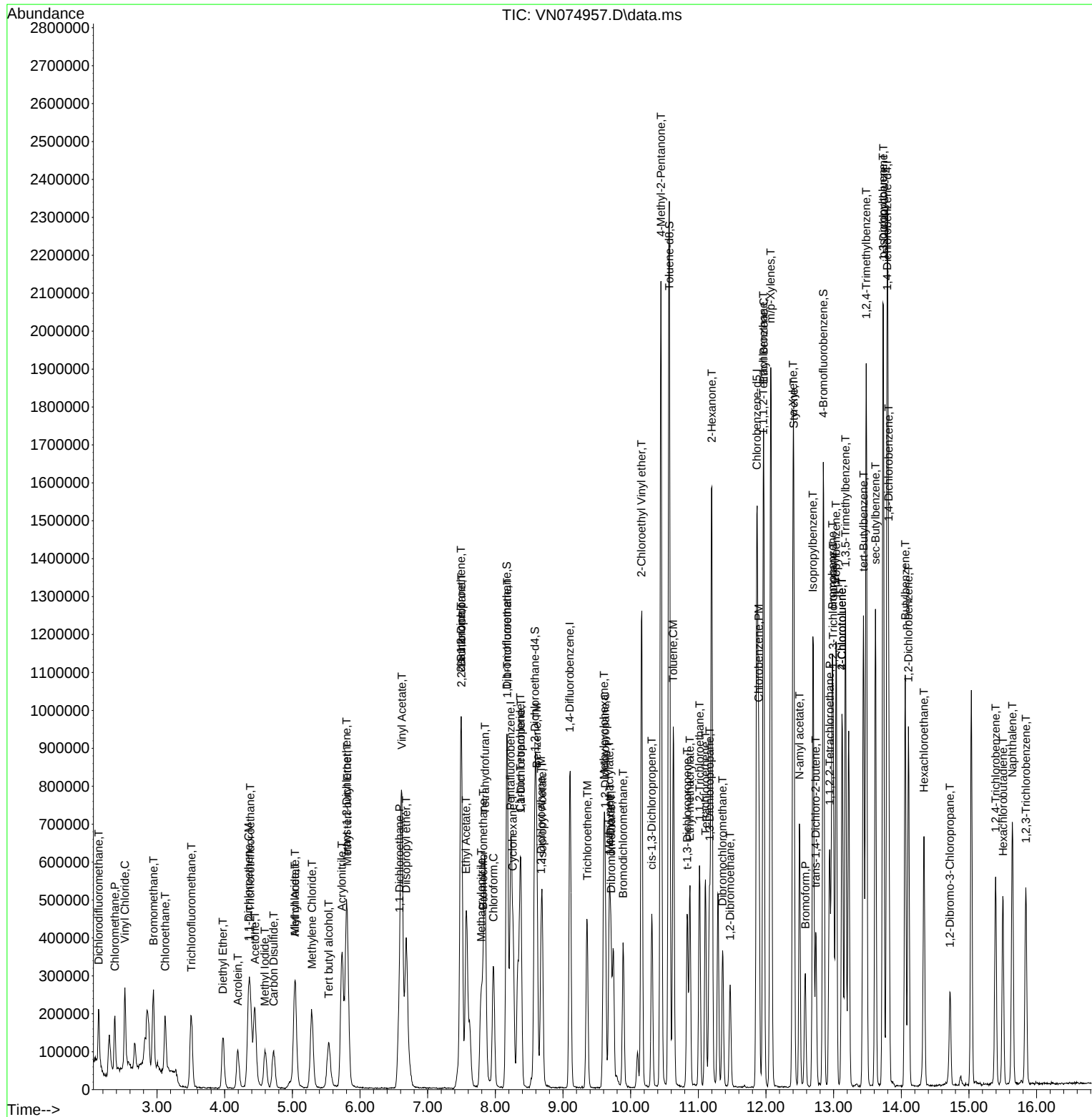
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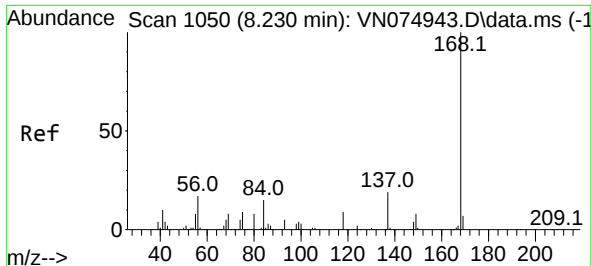
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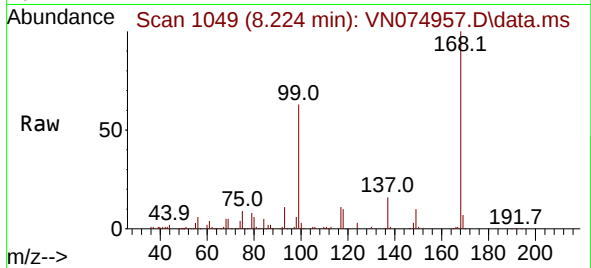
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1050
Delta R.T. -0.006 min
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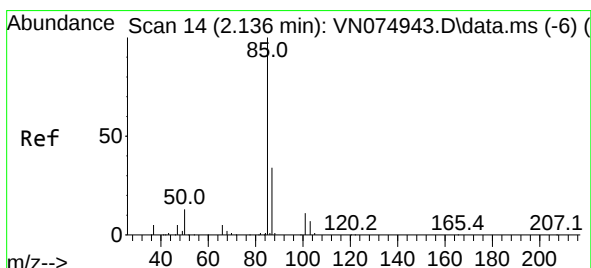
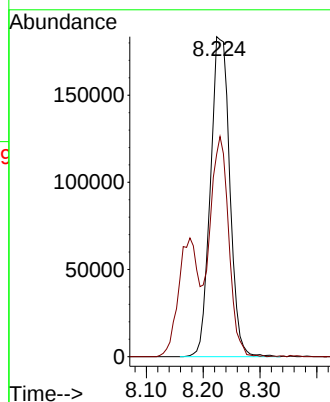
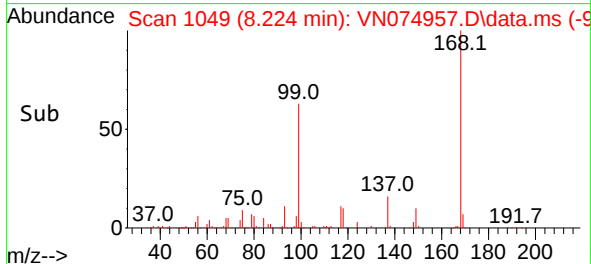
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Tgt Ion:168 Resp: 432912
Ion Ratio Lower Upper
168 100
99 63.0 52.2 78.4

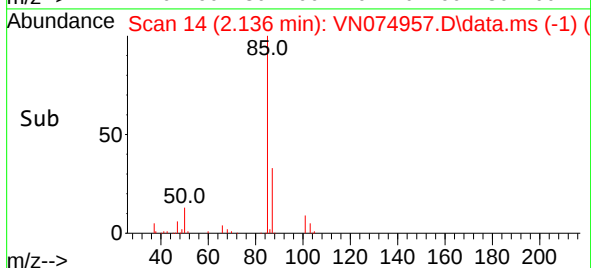
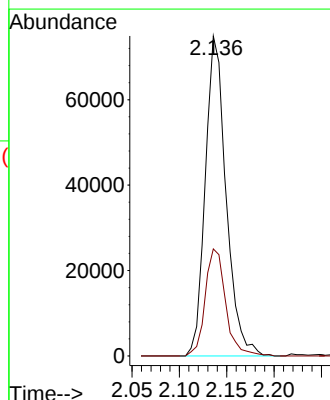
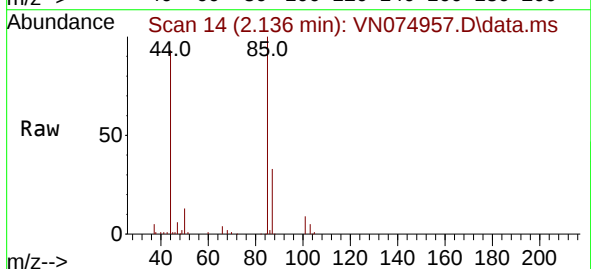
Manual Integrations
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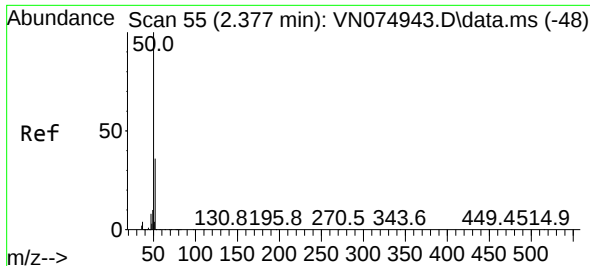
Reviewed By :John Carlone 10/24/2022
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#2
Dichlorodifluoromethane
Concen: 16.874 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

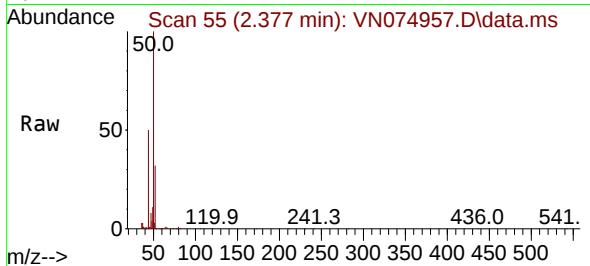
Tgt Ion: 85 Resp: 114189
Ion Ratio Lower Upper
85 100
87 33.5 17.1 51.2





#3
Chloromethane
Concen: 17.810 ug/l
RT: 2.377 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

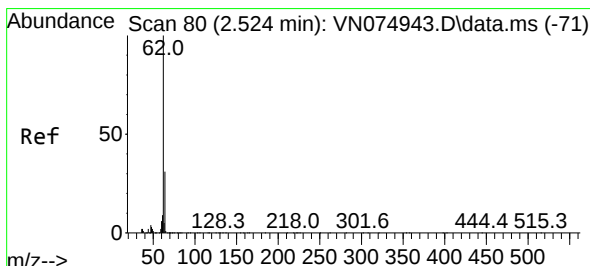
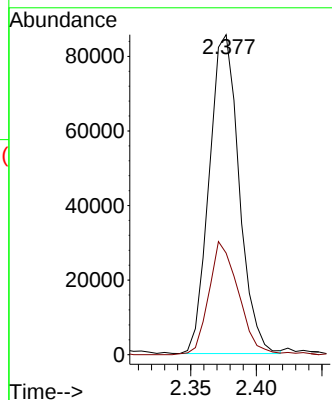
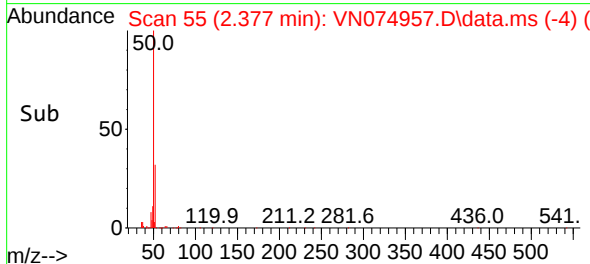
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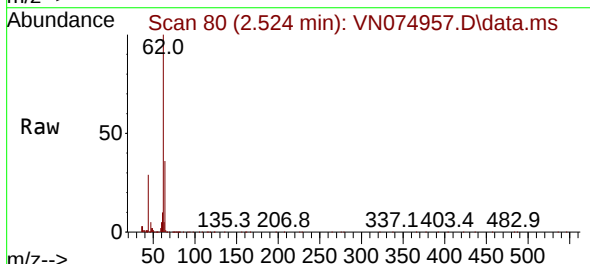
Tgt Ion: 50 Resp: 13571
Ion Ratio Lower Upper
50 100
52 31.6 28.8 43.2

Manual Integrations
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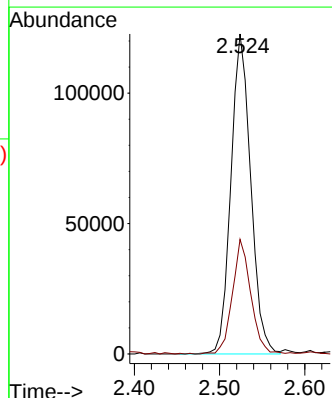
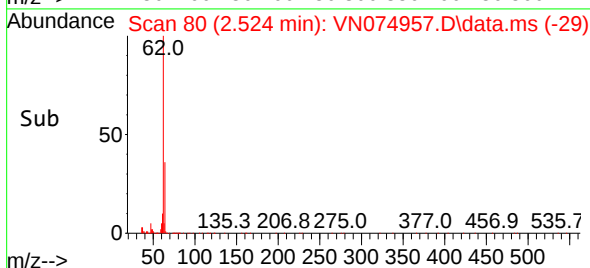
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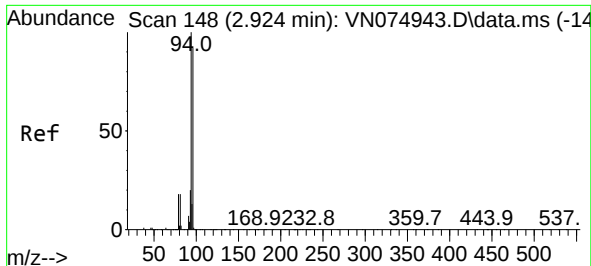


#4
Vinyl Chloride
Concen: 17.842 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23



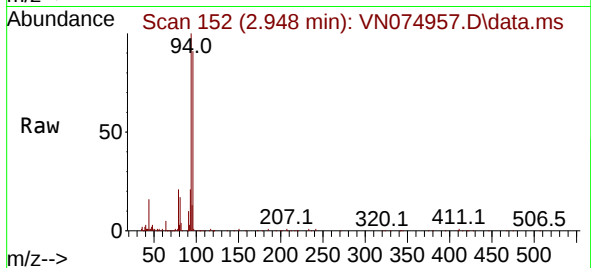
Tgt Ion: 62 Resp: 198212
Ion Ratio Lower Upper
62 100
64 35.6 24.5 36.7





#5
Bromomethane
Concen: 17.221 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN074957.D
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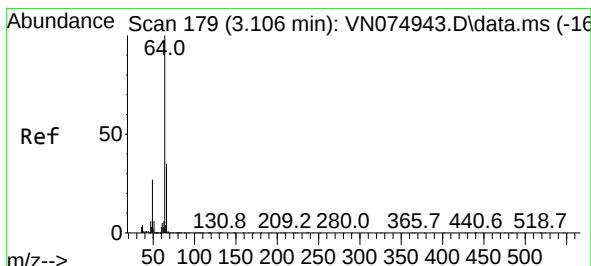
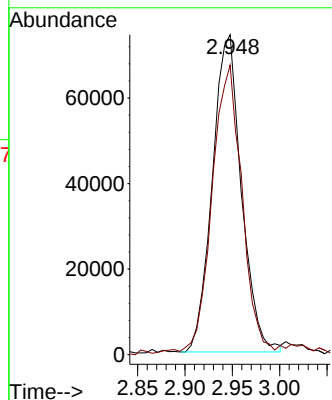
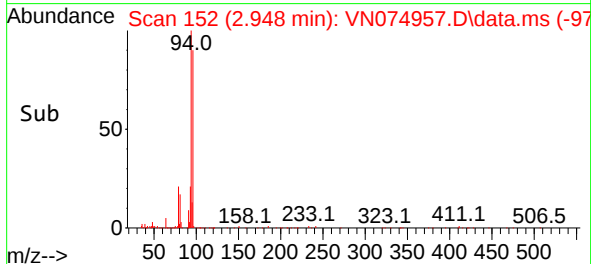
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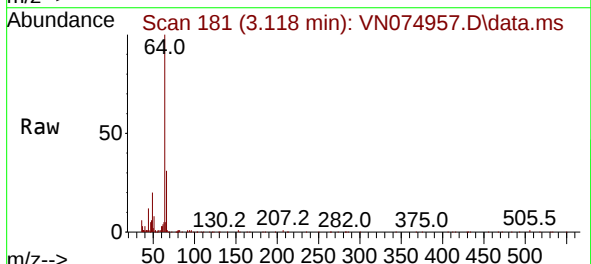
Tgt Ion: 94 Resp: 158000
Ion Ratio Lower Upper
94 100
96 90.2 73.5 110.3

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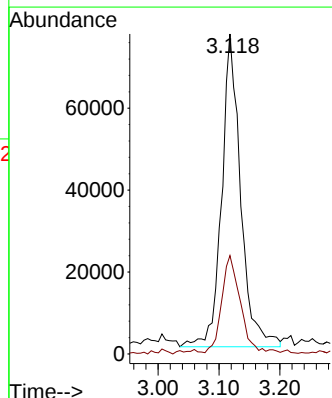
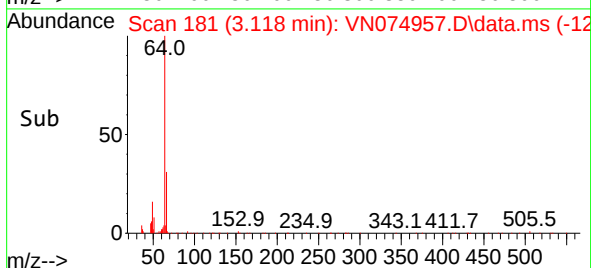
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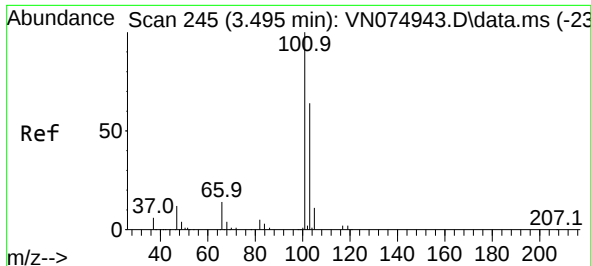


#6
Chloroethane
Concen: 19.505 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.012 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23



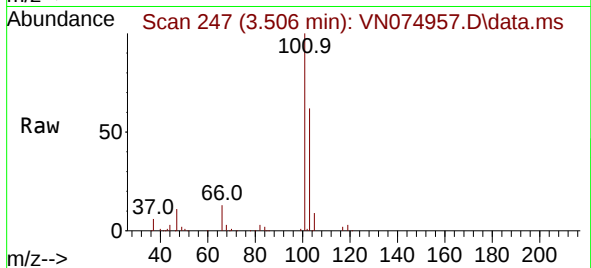
Tgt Ion: 64 Resp: 165556
Ion Ratio Lower Upper
64 100
66 31.0 27.9 41.9





#7
 Trichlorofluoromethane
 Concen: 18.709 ug/l
 RT: 3.506 min Scan# 245
 Delta R.T. 0.011 min
 Lab File: VN074957.D
 Acq: 21 Oct 2022 13:23

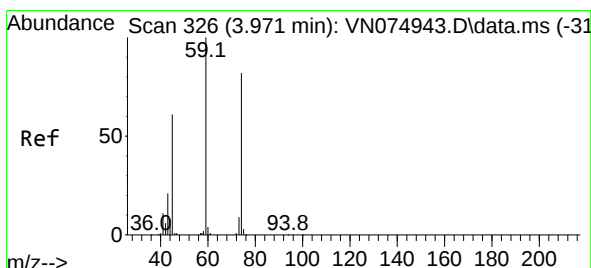
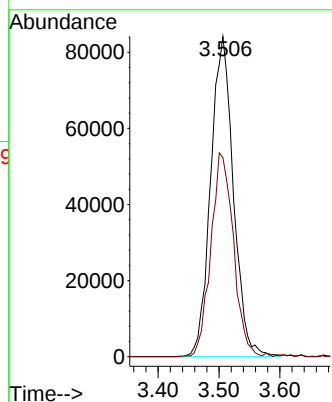
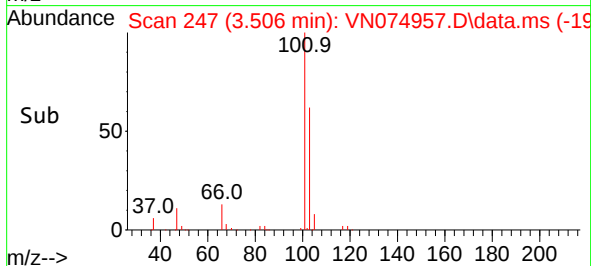
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Tgt Ion:101 Resp: 217680
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.5 77.3

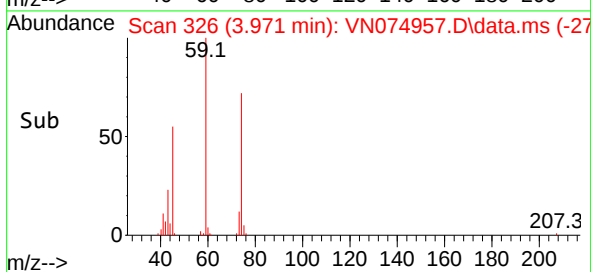
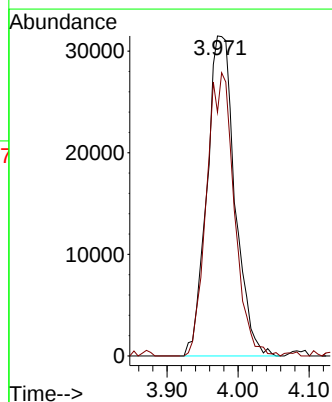
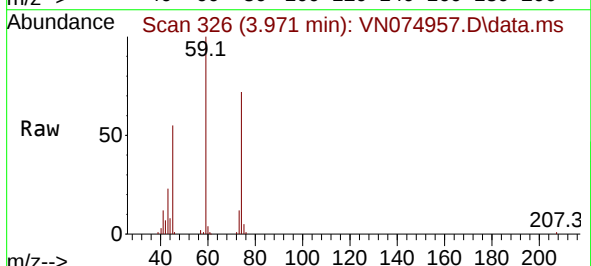
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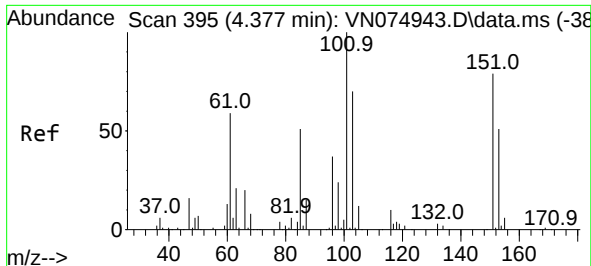
Reviewed By :John Carlone 10/24/2022
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#8
 Diethyl Ether
 Concen: 16.850 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN074957.D
 Acq: 21 Oct 2022 13:23

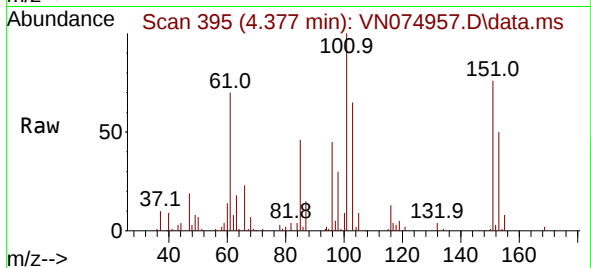
Tgt Ion: 74 Resp: 86448
 Ion Ratio Lower Upper
 74 100
 45 87.3 40.1 120.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.735 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

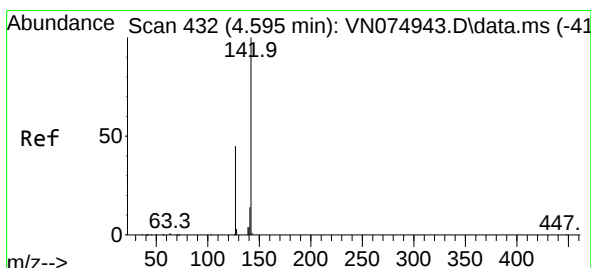
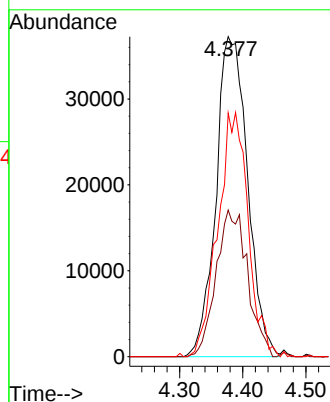
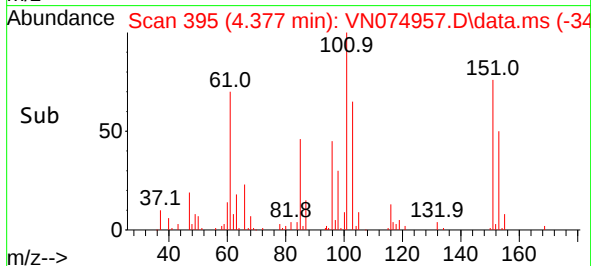
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



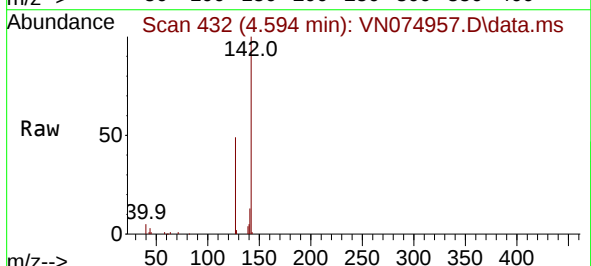
Tgt Ion:101 Resp: 129520
Ion Ratio Lower Upper
101 100
85 45.5 37.8 56.8
151 73.3 58.5 87.7

Manual Integrations
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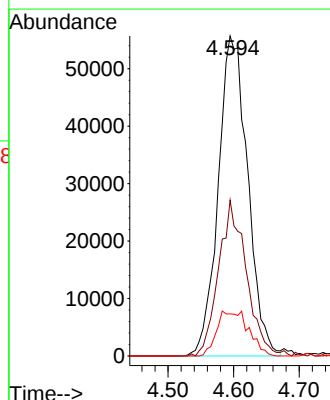
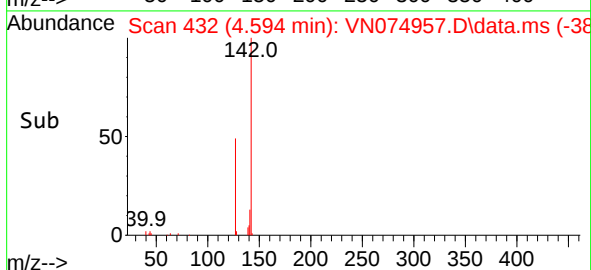
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

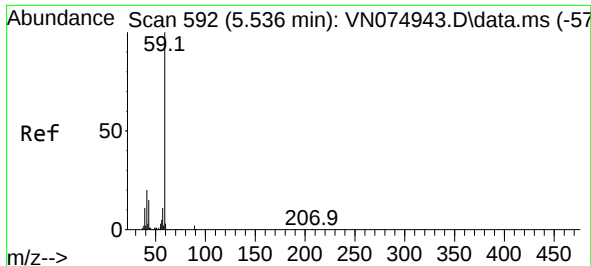


#10
Methyl Iodide
Concen: 17.933 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23



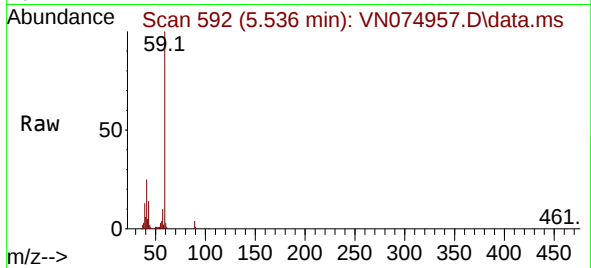
Tgt Ion:142 Resp: 173587
Ion Ratio Lower Upper
142 100
127 45.9 37.0 55.4
141 15.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 91.290 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

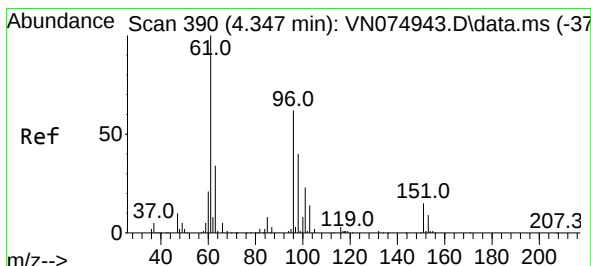
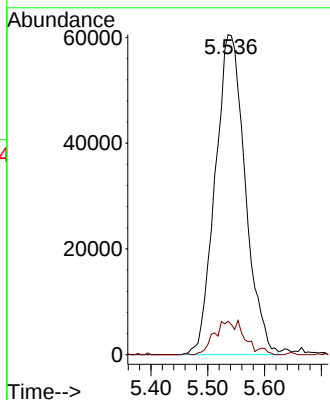
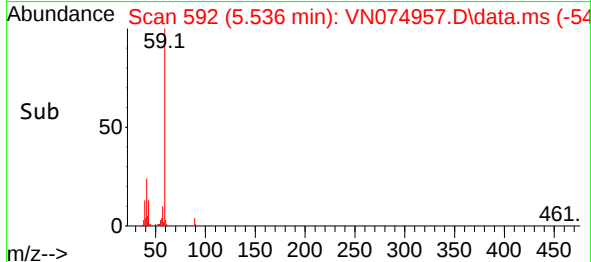
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



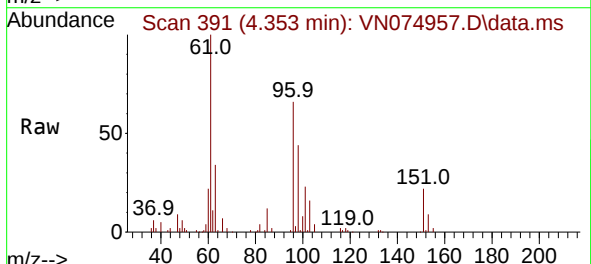
Tgt Ion: 59 Resp: 221997
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

Manual Integrations
APPROVED

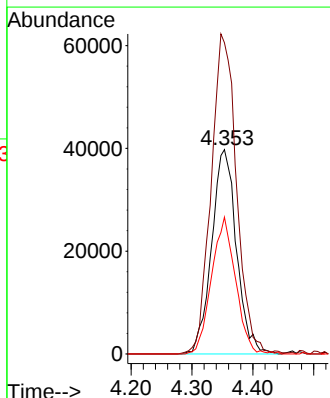
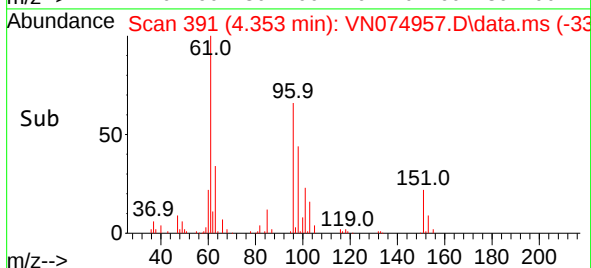
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

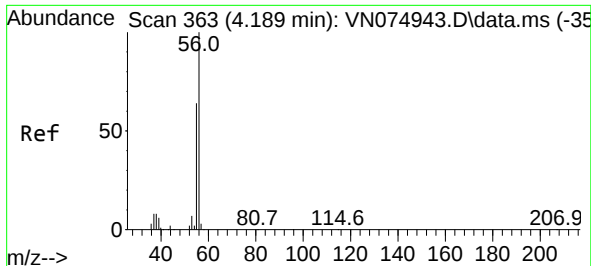


#12
1,1-Dichloroethene
Concen: 18.303 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23



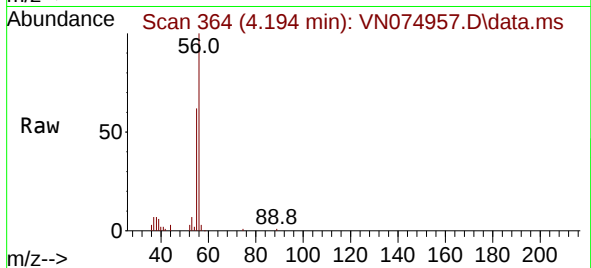
Tgt Ion: 96 Resp: 112773
Ion Ratio Lower Upper
96 100
61 152.3 128.9 193.3
98 66.9 51.8 77.8





#13
Acrolein
Concen: 112.481 ug/l
RT: 4.194 min Scan# 363
Delta R.T. 0.005 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

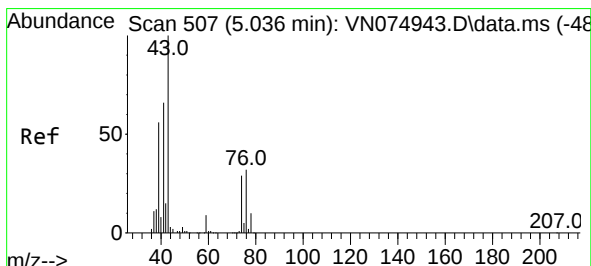
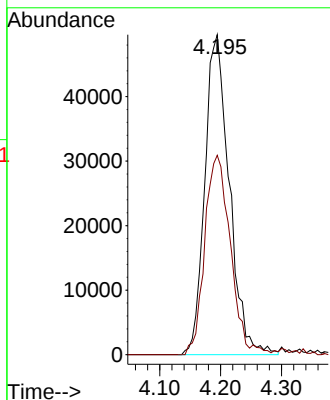
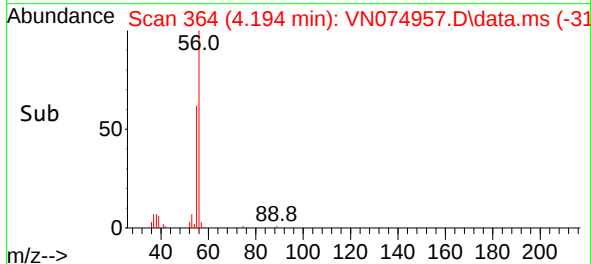
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 56 Resp: 13842
Ion Ratio Lower Upper
56 100
55 65.2 53.7 80.5

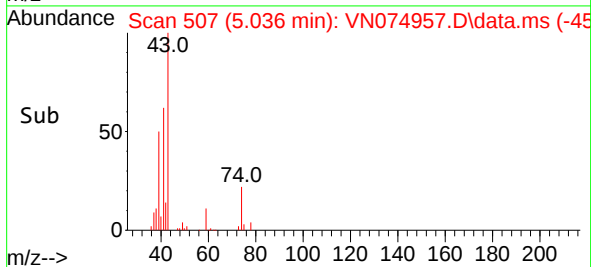
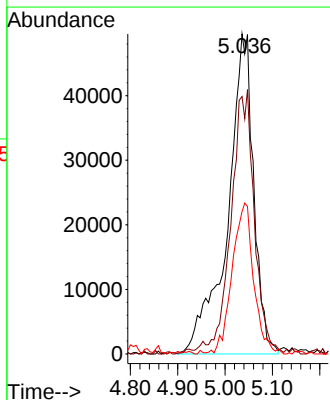
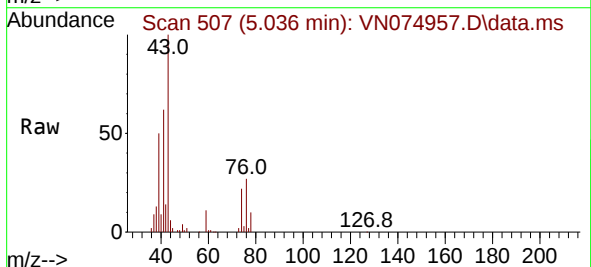
Manual Integrations
APPROVED

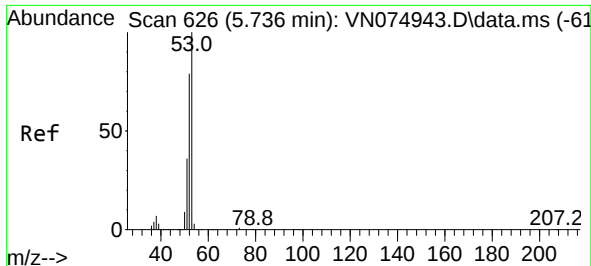
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#14
Allyl chloride
Concen: 17.996 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

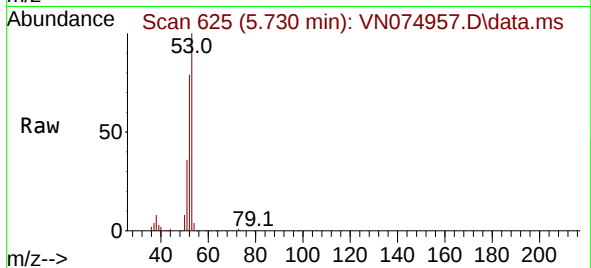
Tgt Ion: 41 Resp: 189561
Ion Ratio Lower Upper
41 100
39 71.8 60.0 90.0
76 39.0 33.7 50.5





#15
Acrylonitrile
Concen: 97.546 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

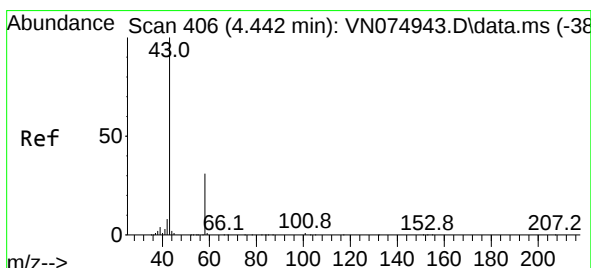
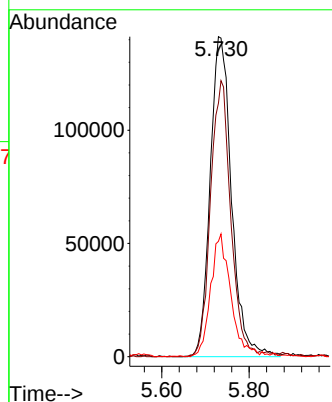
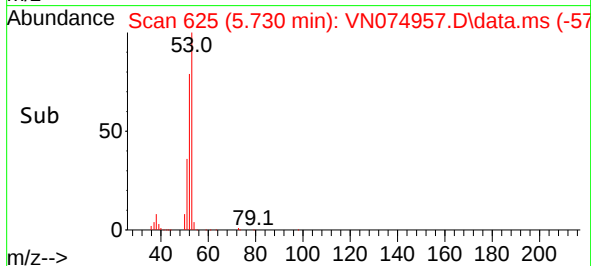
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 53 Resp: 47984
Ion Ratio Lower Upper
53 100
52 81.6 66.7 100.1
51 36.0 28.8 43.2

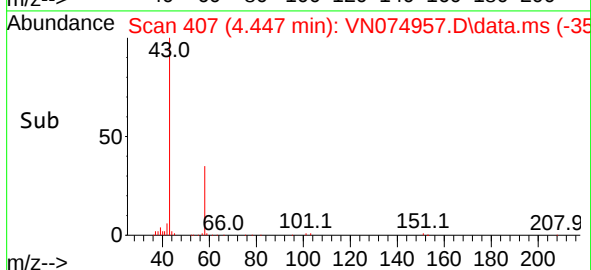
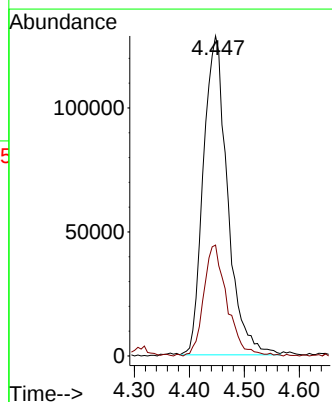
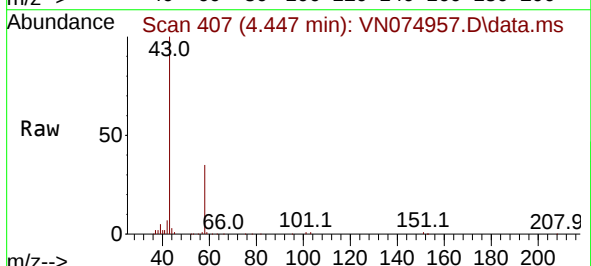
Manual Integrations
APPROVED

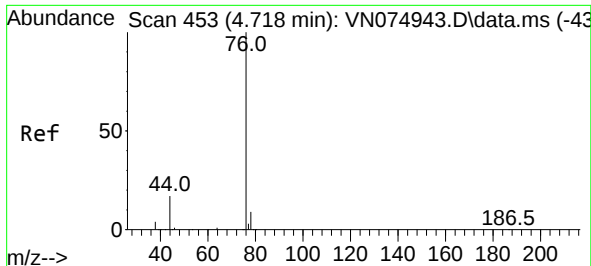
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#16
Acetone
Concen: 91.639 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

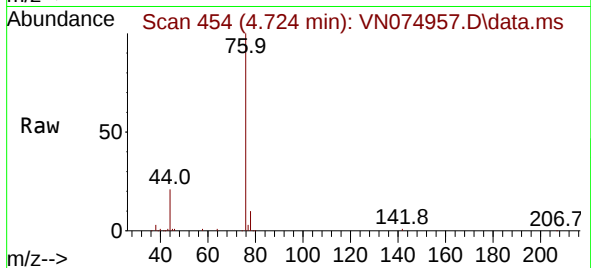
Tgt Ion: 43 Resp: 393307
Ion Ratio Lower Upper
43 100
58 34.5 25.7 38.5





#17
Carbon Disulfide
Concen: 16.952 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

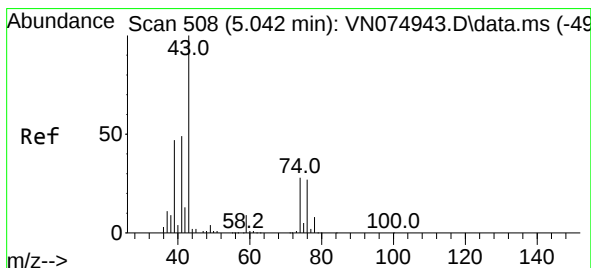
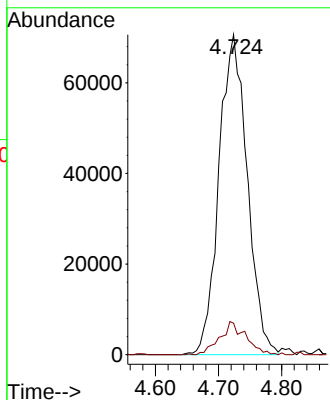
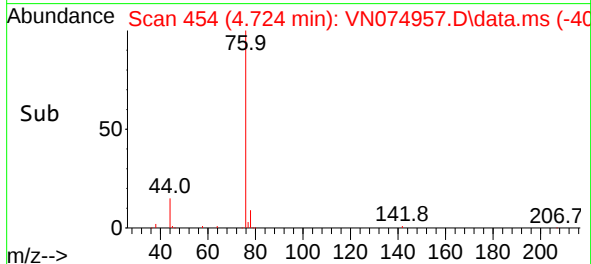
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 76 Resp: 21957
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2

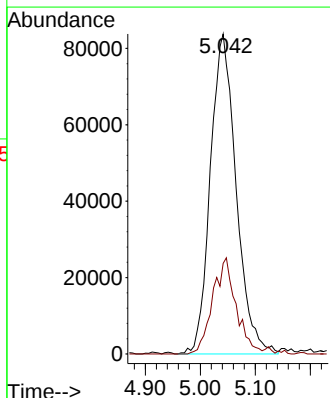
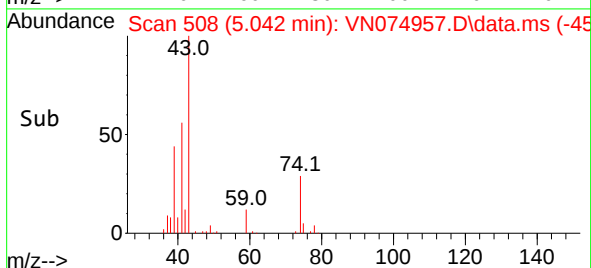
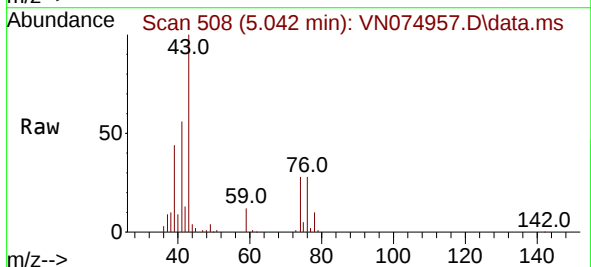
Manual Integrations
APPROVED

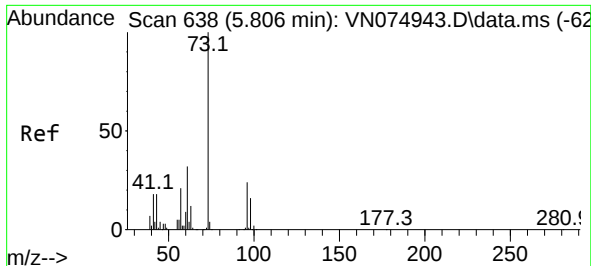
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#18
Methyl Acetate
Concen: 18.711 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

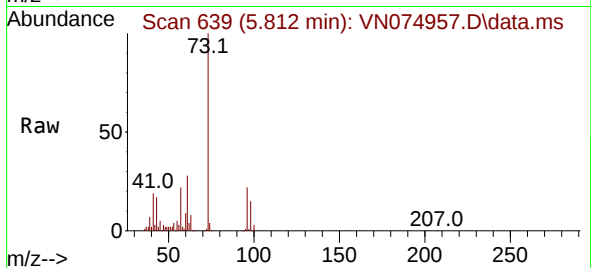
Tgt Ion: 43 Resp: 273319
Ion Ratio Lower Upper
43 100
74 27.3 23.1 34.7





#19
Methyl tert-butyl Ether
Concen: 19.123 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

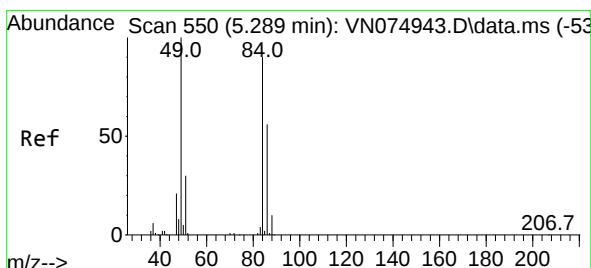
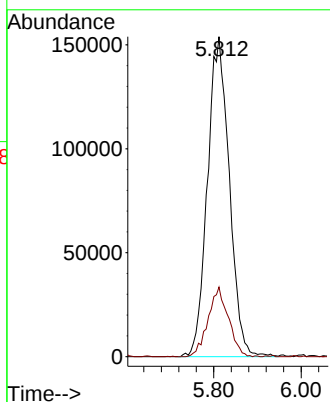
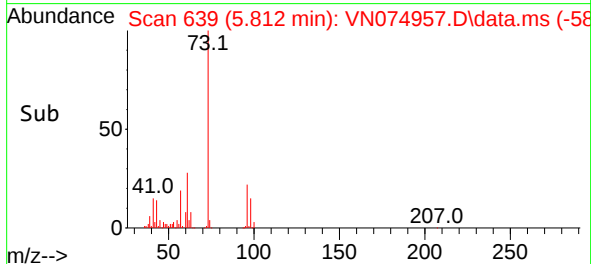
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 73 Resp: 53407
Ion Ratio Lower Upper
73 100
57 21.7 16.9 25.3

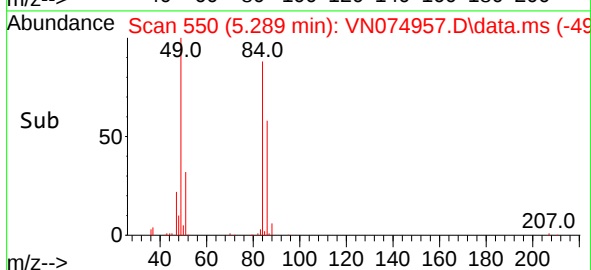
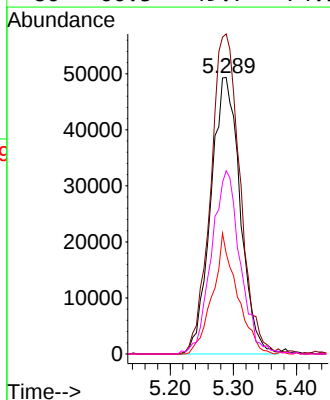
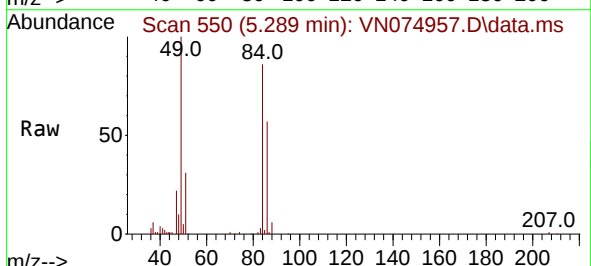
Manual Integrations
APPROVED

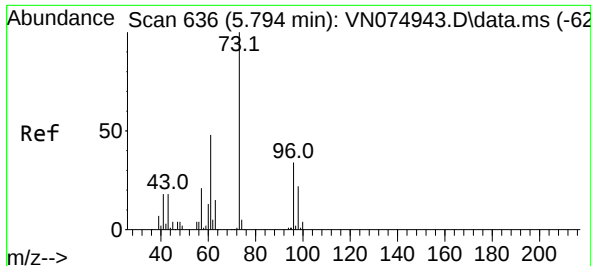
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#20
Methylene Chloride
Concen: 19.716 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

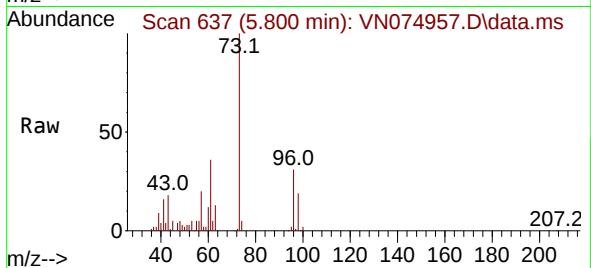
Tgt Ion: 84 Resp: 159365
Ion Ratio Lower Upper
84 100
49 115.7 88.6 133.0
51 36.3 26.7 40.1
86 66.3 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 17.897 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

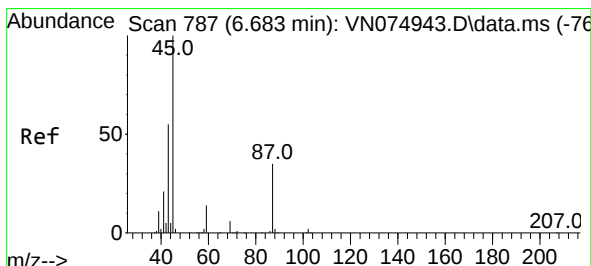
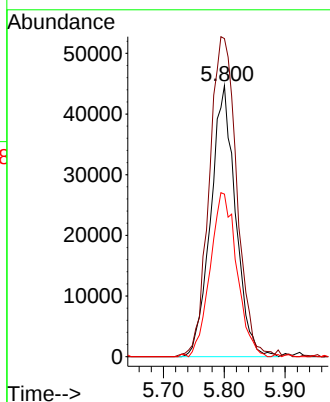
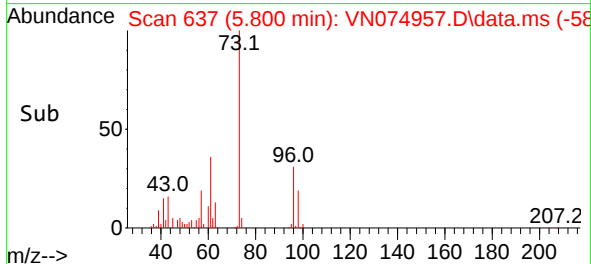
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 96 Resp: 12662
Ion Ratio Lower Upper
96 100
61 116.9 112.6 169.0
98 60.0 52.4 78.6

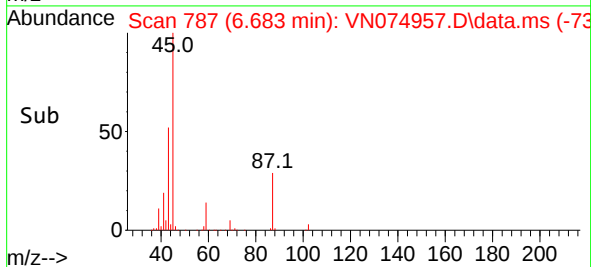
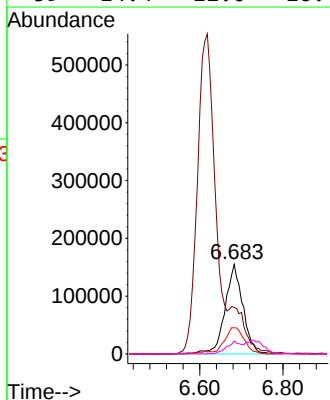
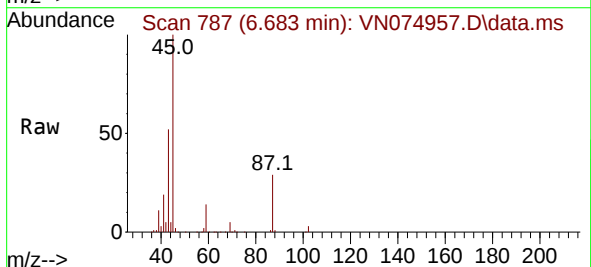
Manual Integrations
APPROVED

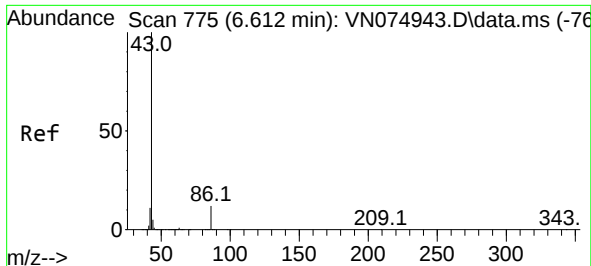
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#22
Diisopropyl ether
Concen: 19.142 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

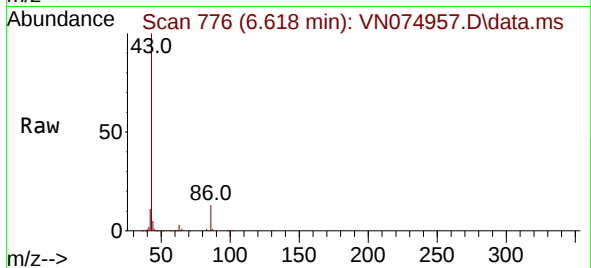
Tgt Ion: 45 Resp: 461397
Ion Ratio Lower Upper
45 100
43 51.2 44.9 67.3
87 28.9 28.0 42.0
59 14.4 11.0 16.4





#23
 Vinyl Acetate
 Concen: 97.634 ug/l m
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN074957.D
 Acq: 21 Oct 2022 13:23

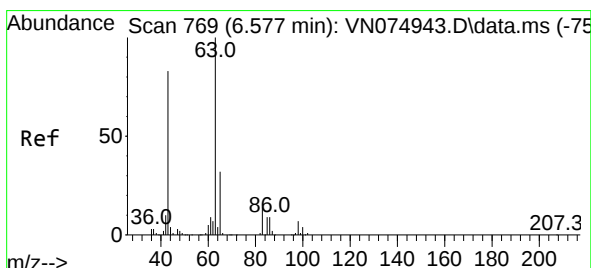
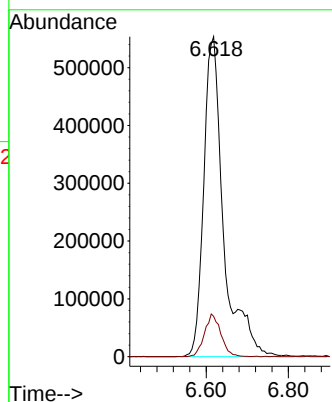
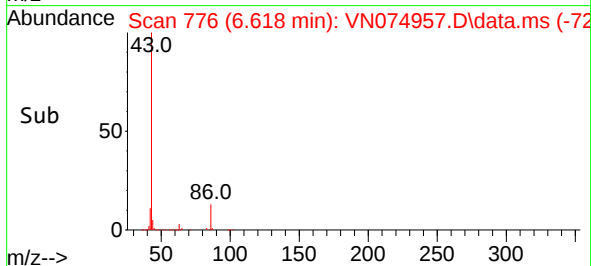
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01



Tgt Ion: 43 Resp: 185255
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.4 14.0

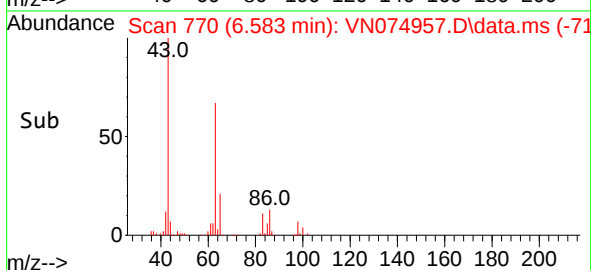
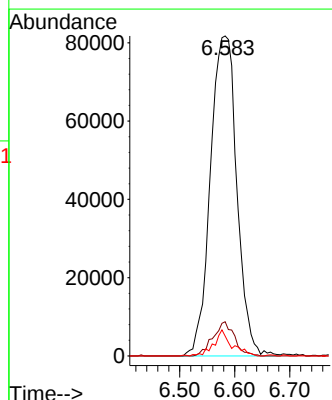
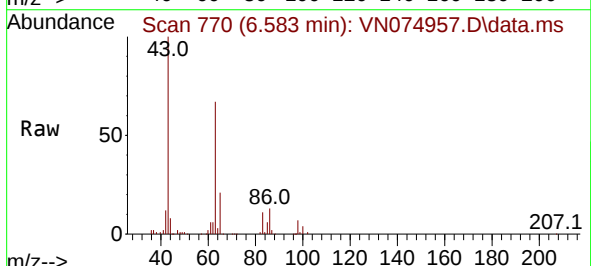
Manual Integrations
 APPROVED

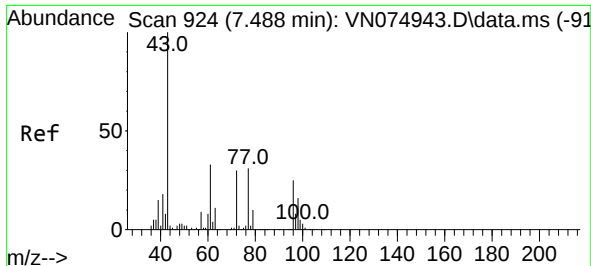
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#24
 1,1-Dichloroethane
 Concen: 18.350 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN074957.D
 Acq: 21 Oct 2022 13:23

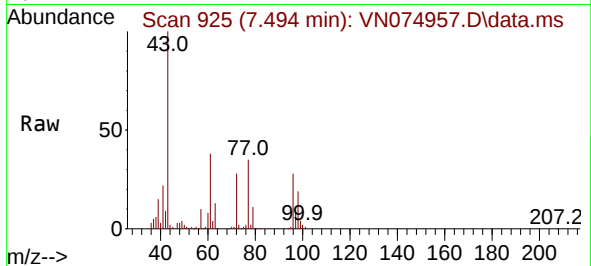
Tgt Ion: 63 Resp: 273503
 Ion Ratio Lower Upper
 63 100
 98 10.7 3.7 11.1
 100 6.2 2.0 6.0#





#25
2-Butanone
Concen: 92.041 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

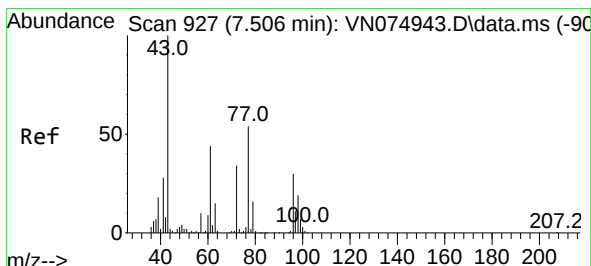
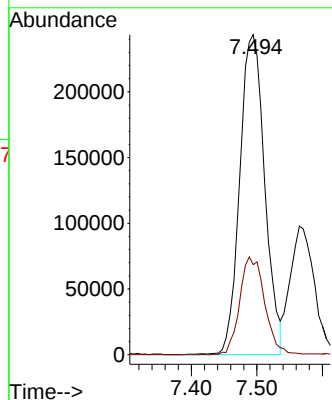
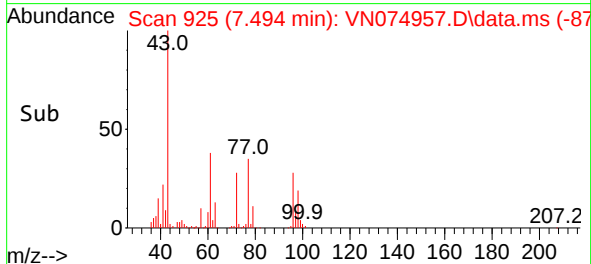
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 43 Resp: 644918
Ion Ratio Lower Upper
43 100
72 28.2 23.9 35.9

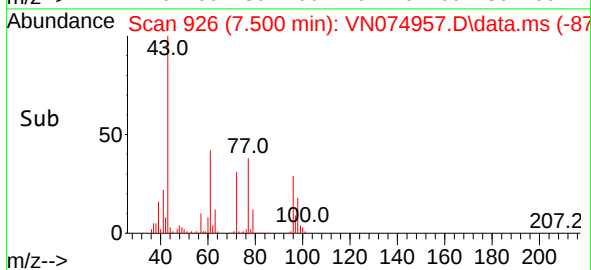
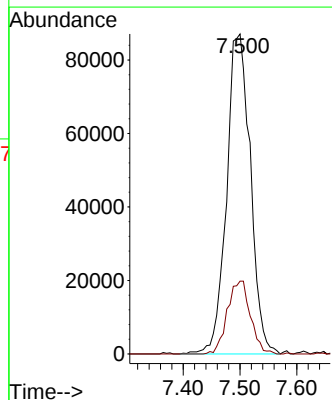
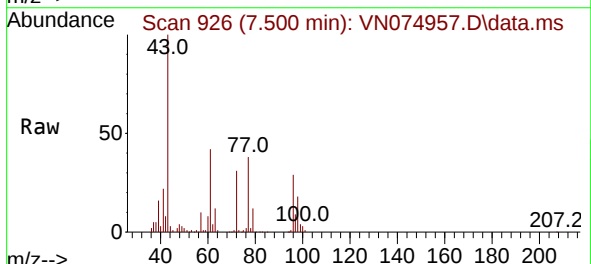
Manual Integrations
APPROVED

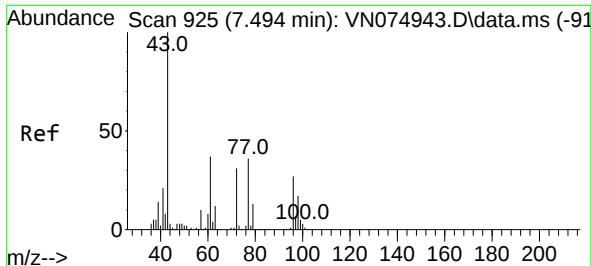
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#26
2,2-Dichloropropane
Concen: 17.991 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

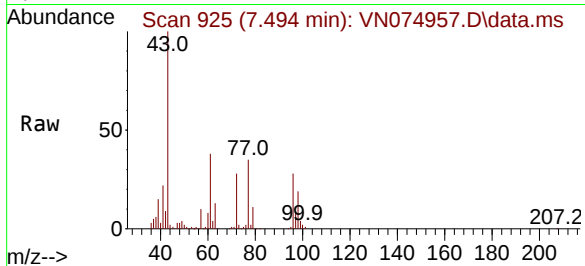
Tgt Ion: 77 Resp: 253424
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.600 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN074957.D
 Acq: 21 Oct 2022 13:23

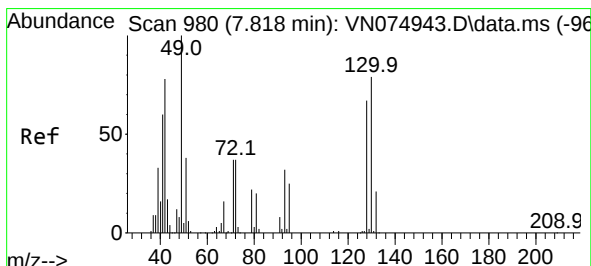
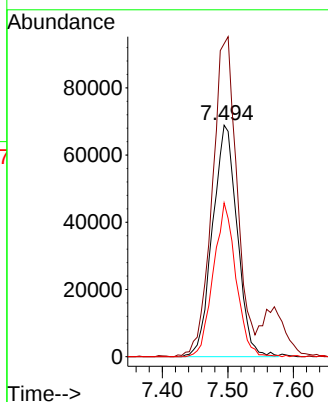
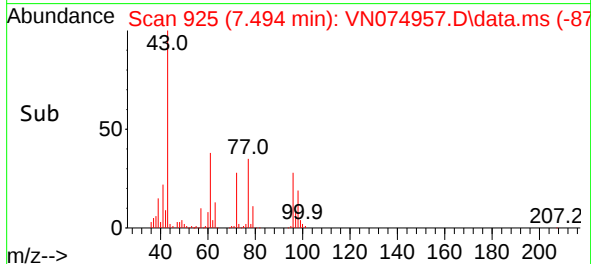
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01



Tgt Ion: 96 Resp: 17972
 Ion Ratio Lower Upper
 96 100
 61 138.2 0.0 277.8
 98 60.8 0.0 127.2

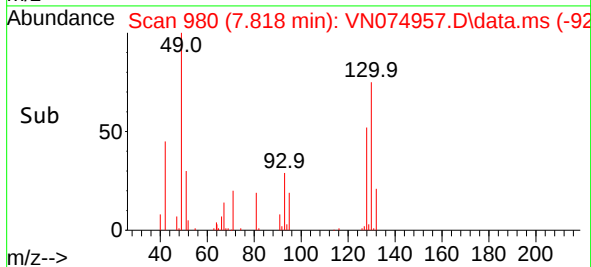
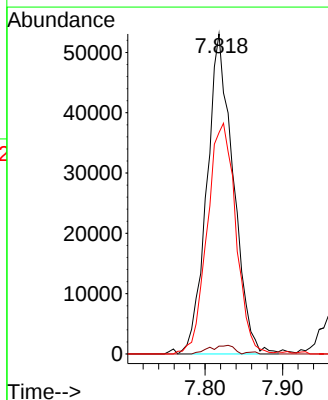
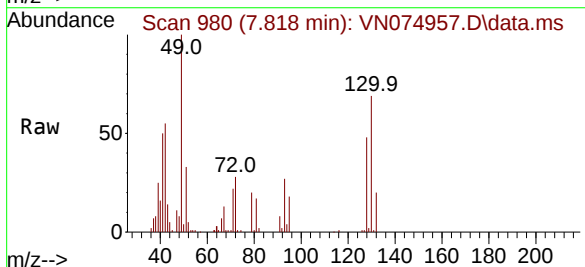
Manual Integrations
 APPROVED

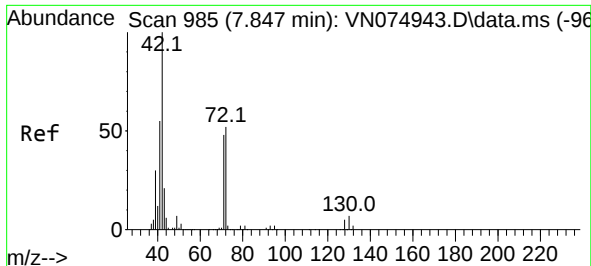
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022



#28
 Bromochloromethane
 Concen: 20.250 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN074957.D
 Acq: 21 Oct 2022 13:23

Tgt Ion: 49 Resp: 125768
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 77.9 64.4 96.6





#29

Tetrahydrofuran

Concen: 91.029 ug/l

RT: 7.847 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

Tgt Ion: 42 Resp: 393385

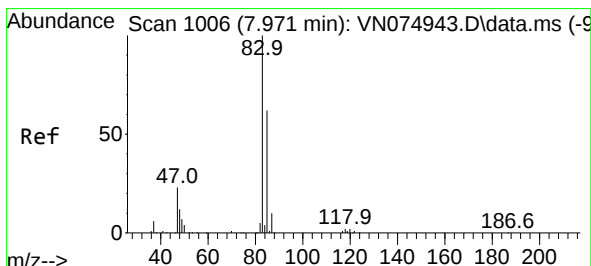
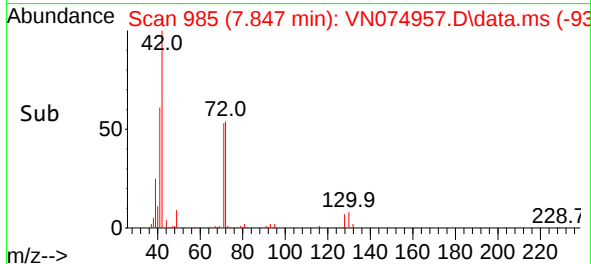
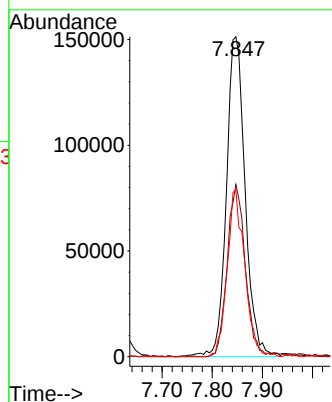
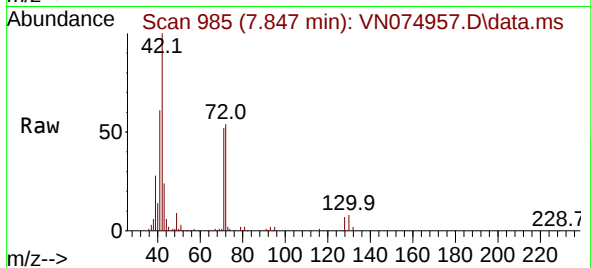
Ion	Ratio	Lower	Upper
42	100		
72	51.8	42.2	63.4
71	48.9	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#30

Chloroform

Concen: 18.280 ug/l

RT: 7.971 min Scan# 1006

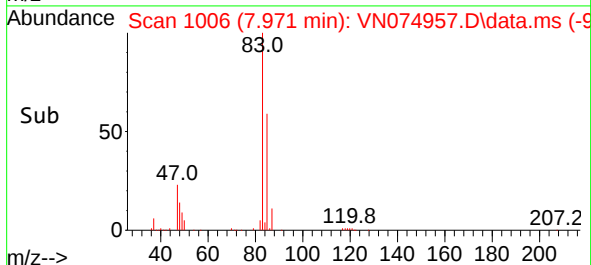
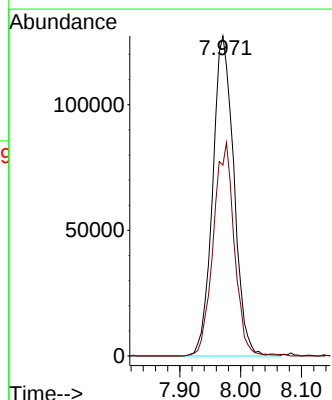
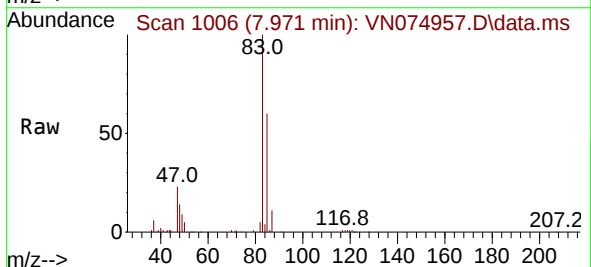
Delta R.T. -0.000 min

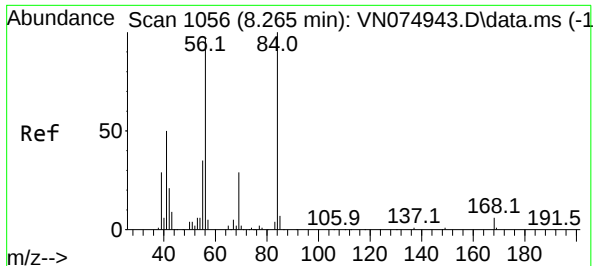
Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

Tgt Ion: 83 Resp: 307862

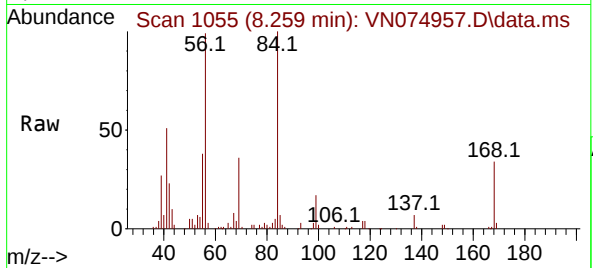
Ion	Ratio	Lower	Upper
83	100		
85	59.6	49.9	74.9





#31
Cyclohexane
Concen: 17.283 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

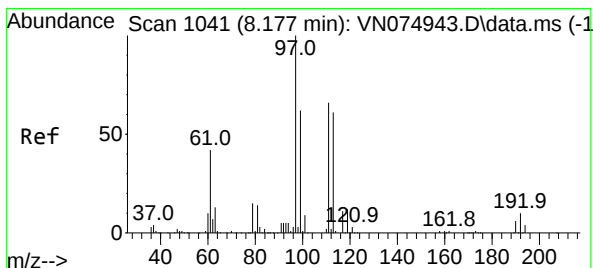
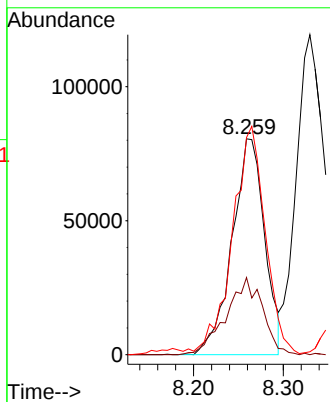
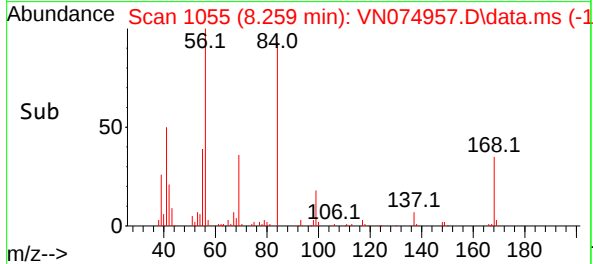
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 56 Resp: 203100
Ion Ratio Lower Upper
56 100
69 35.8 24.2 36.2
84 98.4 82.8 124.2

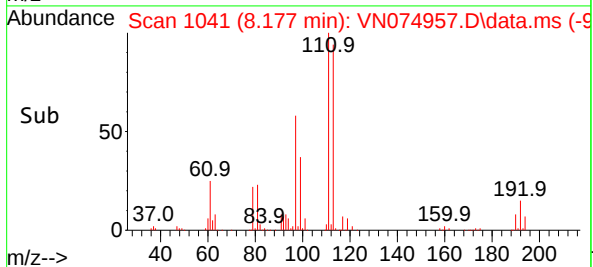
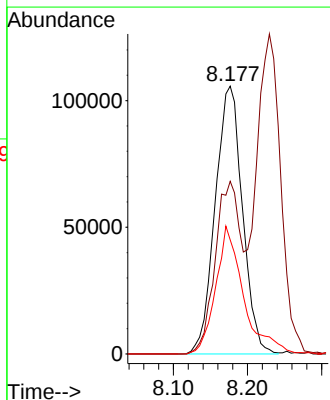
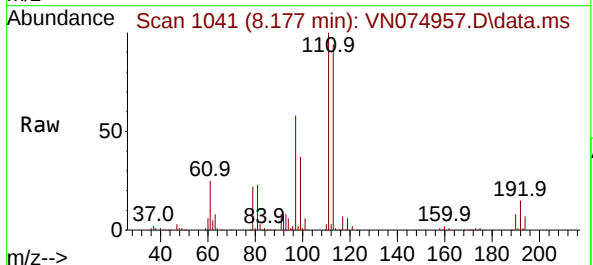
Manual Integrations
APPROVED

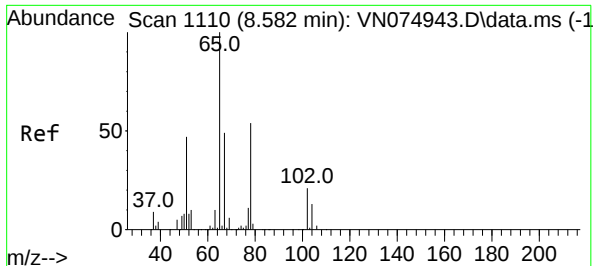
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#32
1,1,1-Trichloroethane
Concen: 17.815 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

Tgt Ion: 97 Resp: 269966
Ion Ratio Lower Upper
97 100
99 59.4 53.0 79.4
61 49.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.803 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

Tgt Ion: 65 Resp: 549838

Ion Ratio Lower Upper

65 100

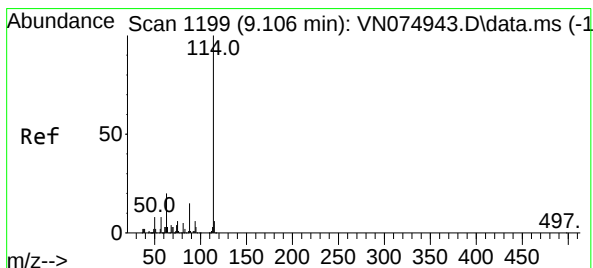
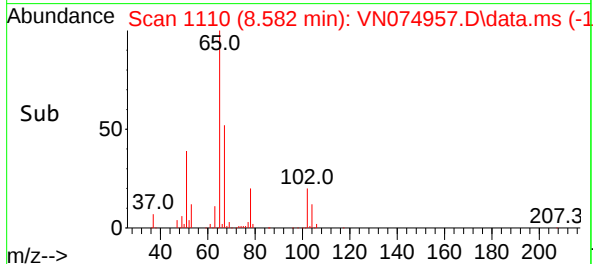
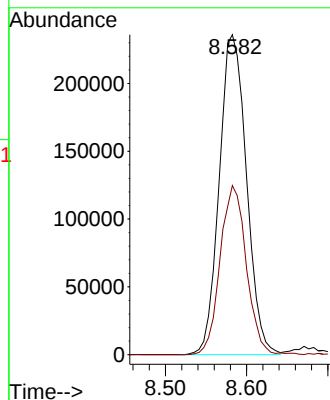
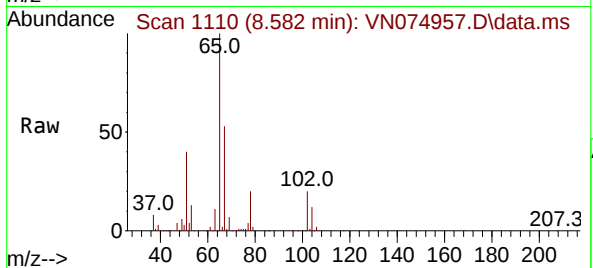
67 51.0 0.0 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

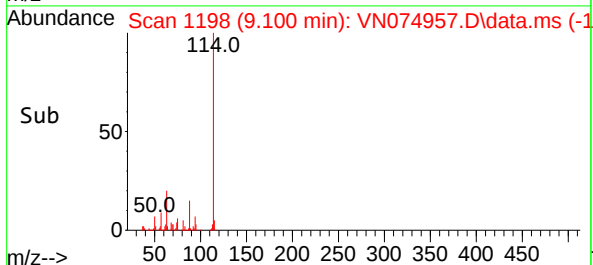
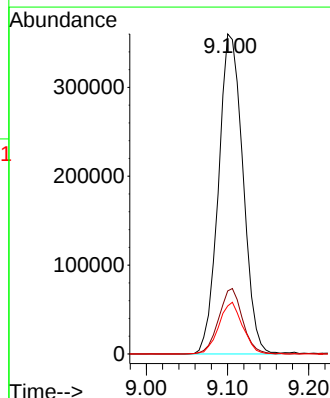
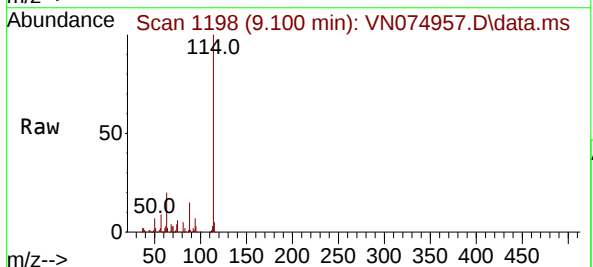
Tgt Ion:114 Resp: 753761

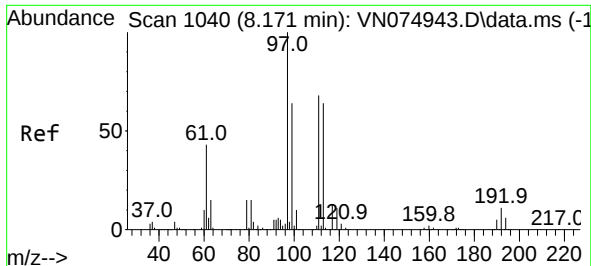
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.380 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

Tgt Ion:113 Resp: 425070

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

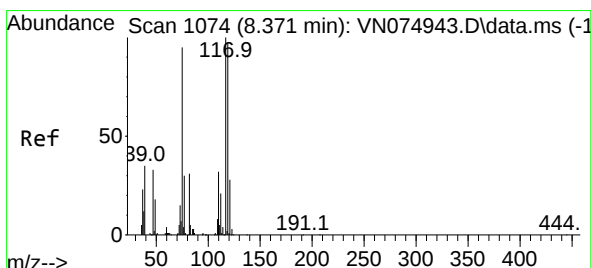
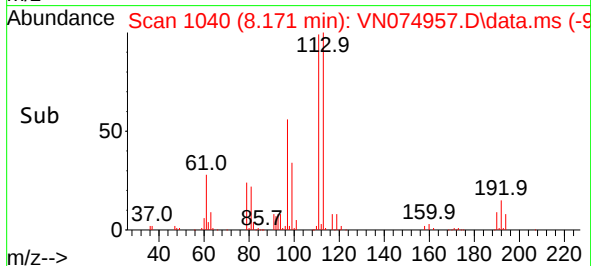
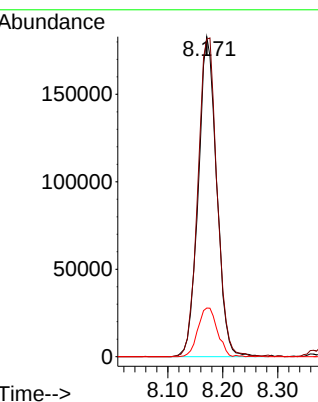
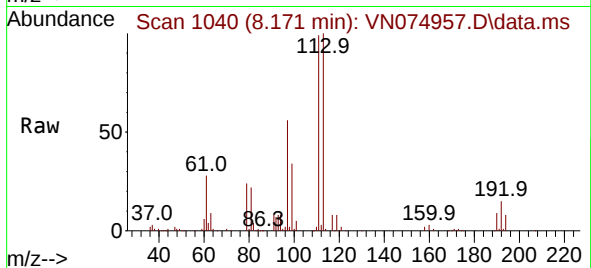
192 16.0 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#36

1,1-Dichloropropene

Concen: 18.042 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

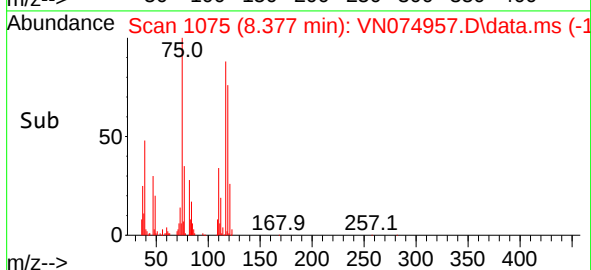
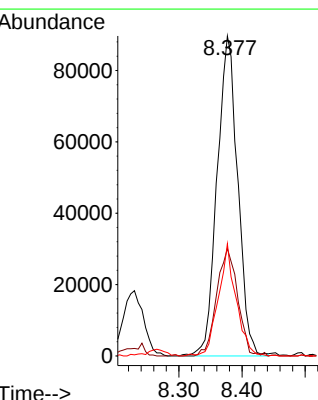
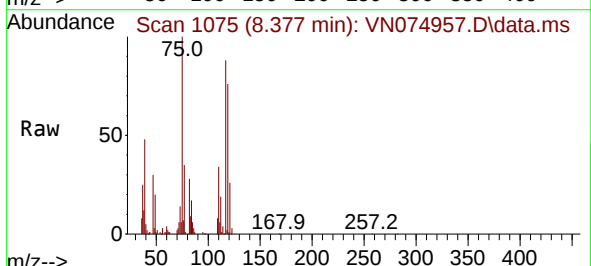
Tgt Ion: 75 Resp: 203854

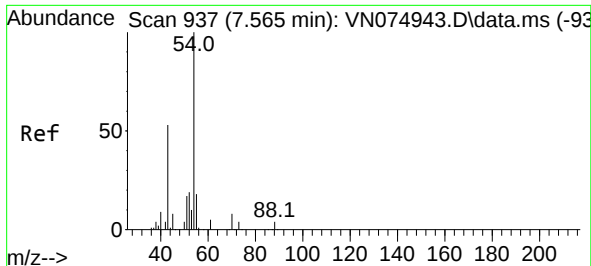
Ion Ratio Lower Upper

75 100

110 34.4 18.1 54.4

77 30.1 25.0 37.4





#37

Ethyl Acetate

Concen: 18.821 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

Tgt Ion: 43 Resp: 250400

Ion Ratio Lower Upper

43 100

61 14.8 12.1 18.1

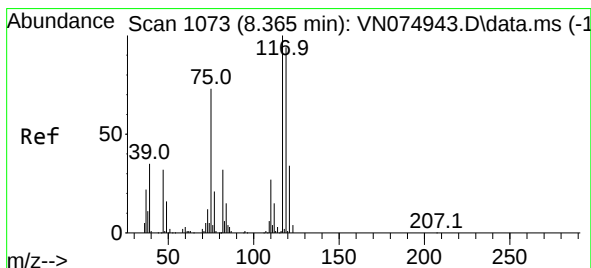
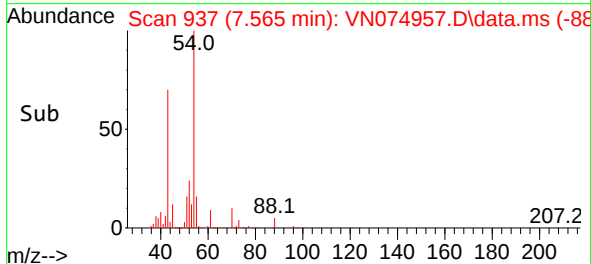
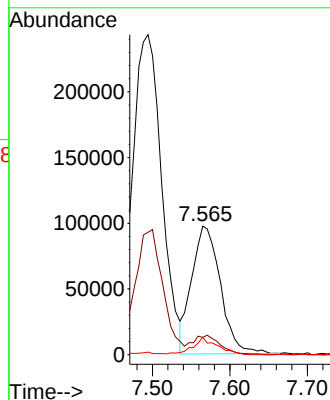
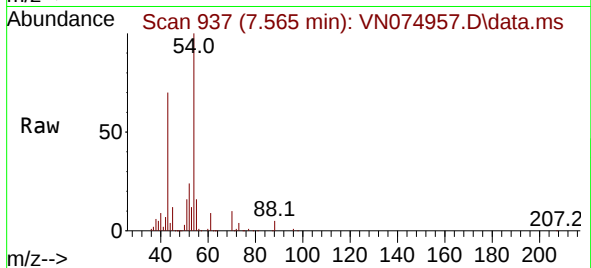
70 11.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#38

Carbon Tetrachloride

Concen: 17.861 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

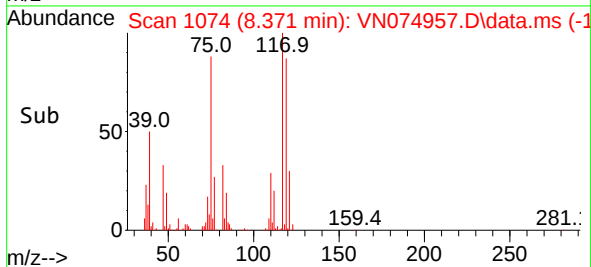
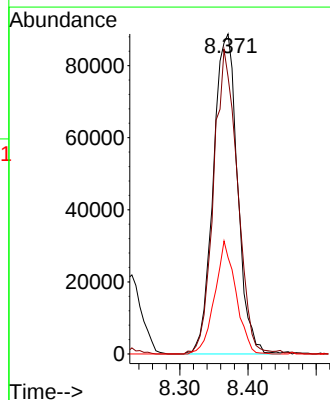
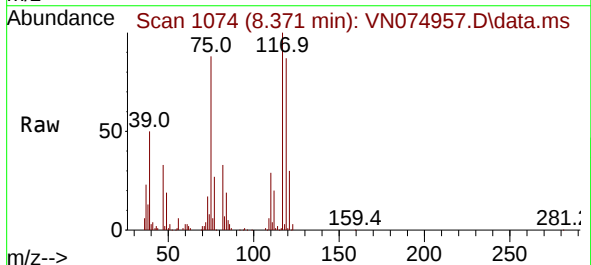
Tgt Ion:117 Resp: 219684

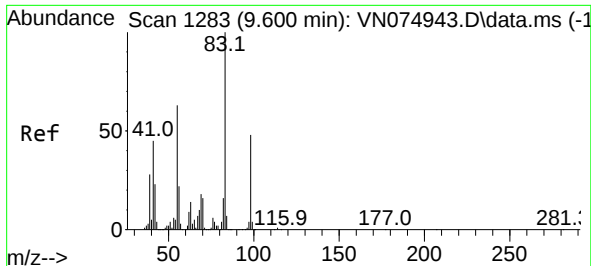
Ion Ratio Lower Upper

117 100

119 86.6 75.2 112.8

121 30.2 27.0 40.6





#39

Methylcyclohexane

Concen: 18.067 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

Tgt Ion: 83 Resp: 241862

Ion Ratio Lower Upper

83 100

55 58.5 50.8 76.2

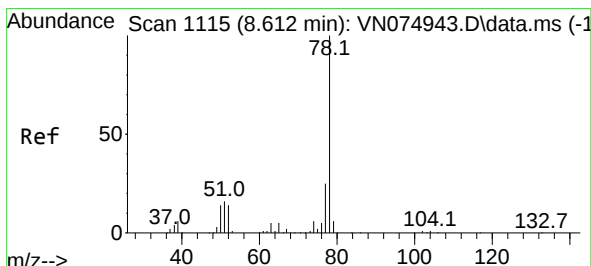
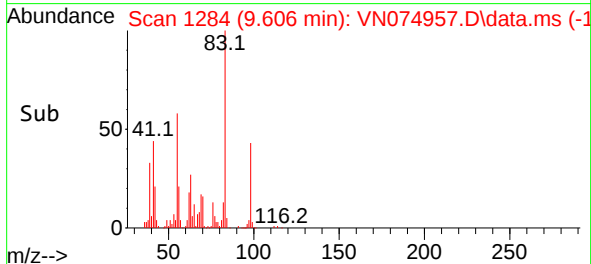
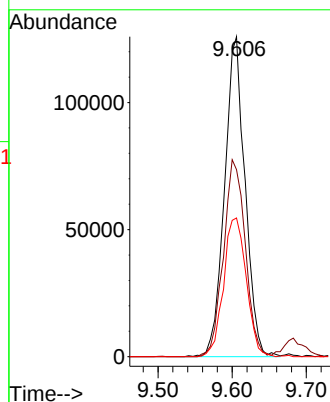
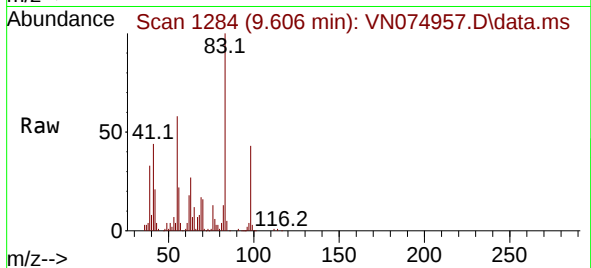
98 43.4 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#40

Benzene

Concen: 18.340 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN074957.D

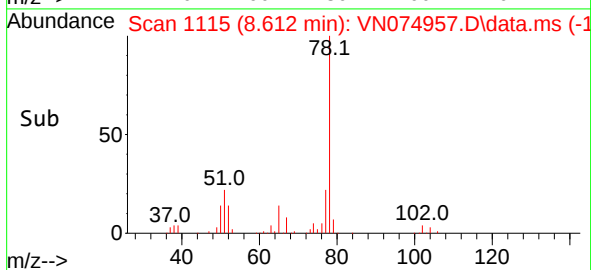
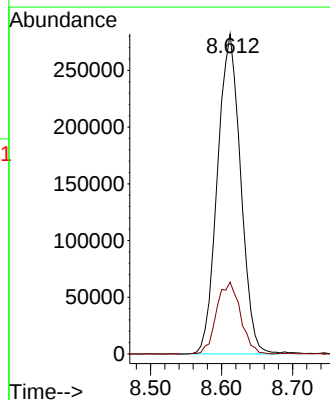
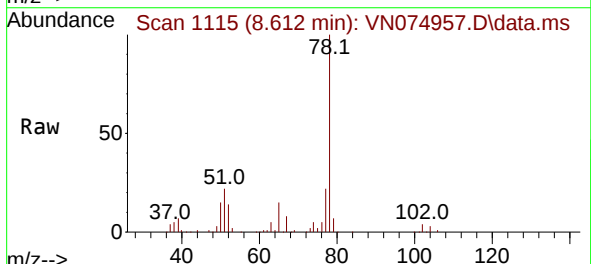
Acq: 21 Oct 2022 13:23

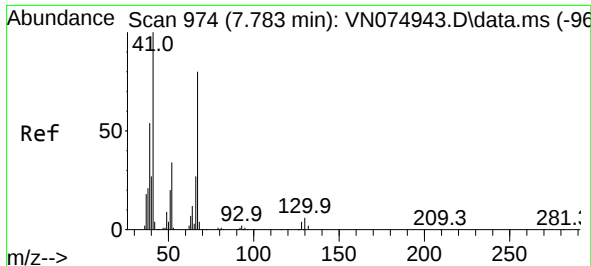
Tgt Ion: 78 Resp: 638829

Ion Ratio Lower Upper

78 100

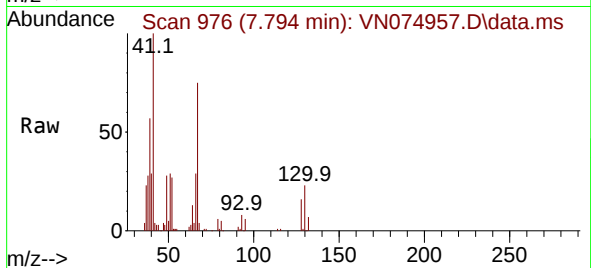
77 22.5 19.6 29.4





#41
Methacrylonitrile
Concen: 18.559 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

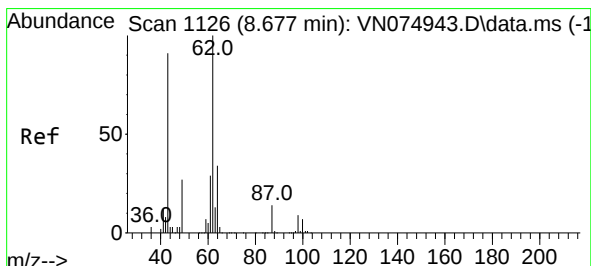
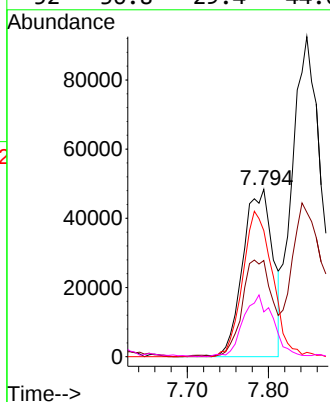
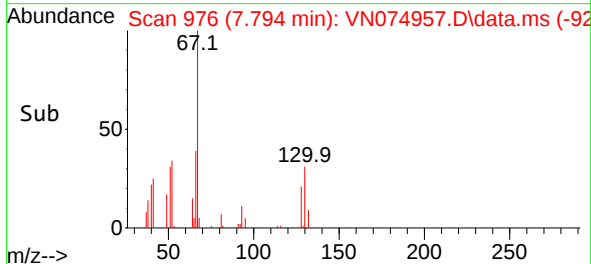
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 41 Resp: 123934
Ion Ratio Lower Upper
41 100
39 57.2 47.9 71.9
67 86.8 70.8 106.2
52 36.8 29.4 44.0

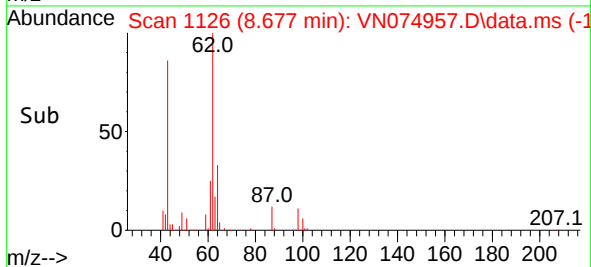
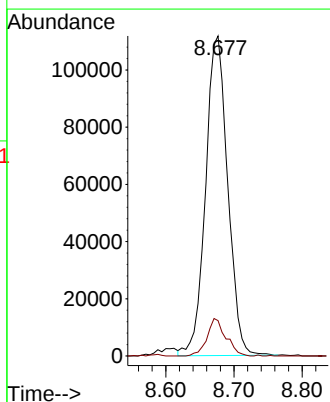
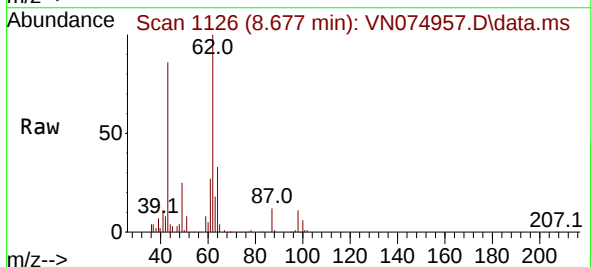
Manual Integrations
APPROVED

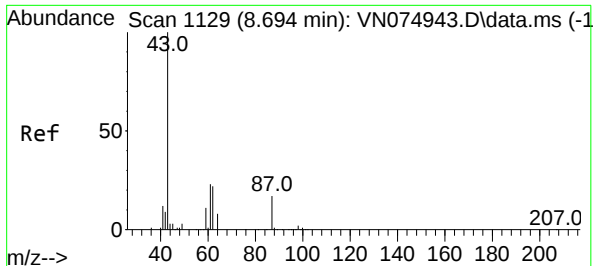
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#42
1,2-Dichloroethane
Concen: 19.172 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

Tgt Ion: 62 Resp: 252787
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.8





#43

Isopropyl Acetate

Concen: 19.355 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

Tgt Ion: 43 Resp: 39940

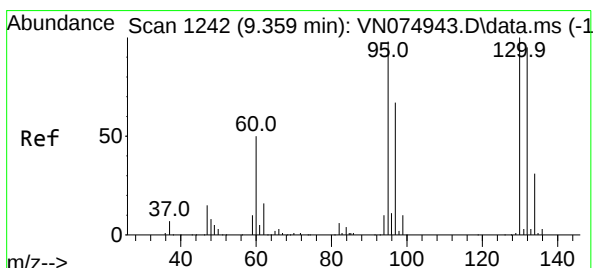
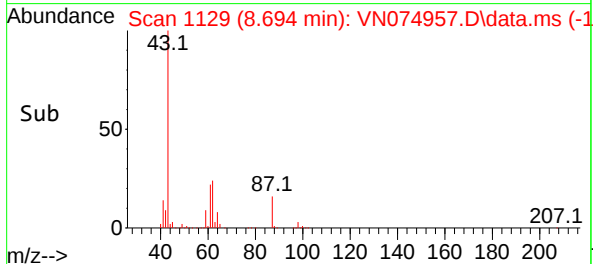
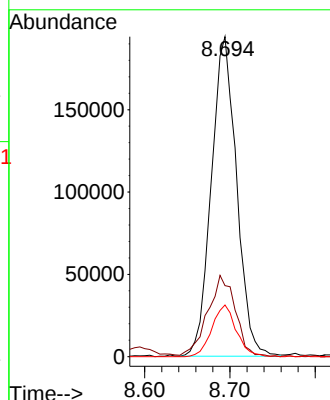
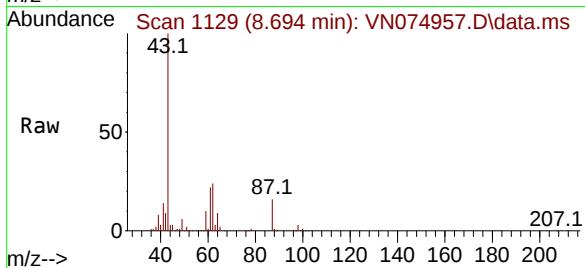
Ion	Ratio	Lower	Upper
43	100		
61	28.0	22.3	33.5
87	15.7	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#44

Trichloroethene

Concen: 17.958 ug/l

RT: 9.359 min Scan# 1242

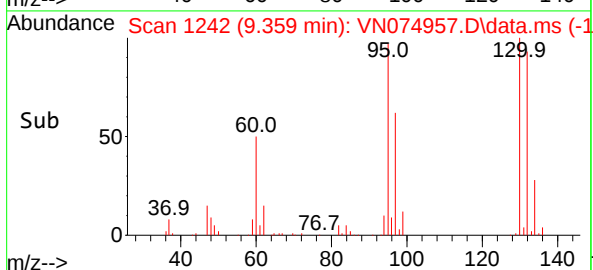
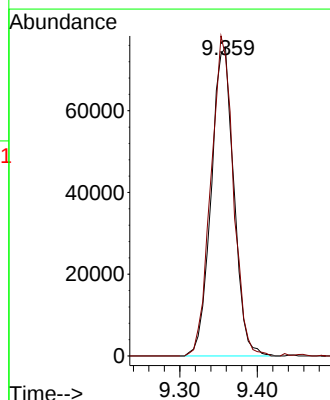
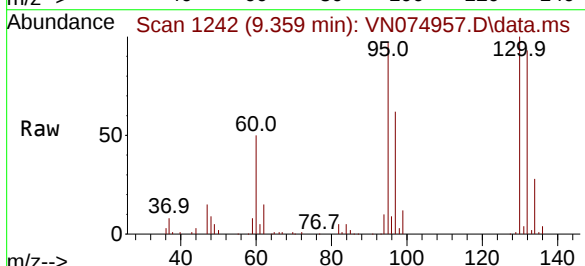
Delta R.T. -0.000 min

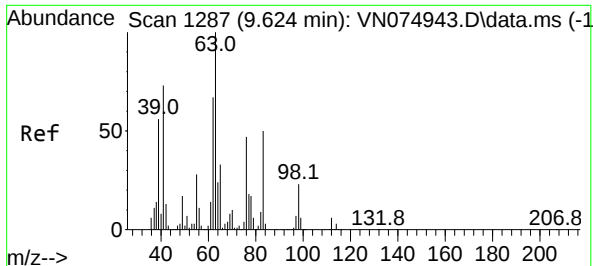
Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

Tgt Ion:130 Resp: 153527

Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	195.8





#45

1,2-Dichloropropane

Concen: 18.439 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

Tgt Ion: 63 Resp: 165540

Ion Ratio Lower Upper

63 100

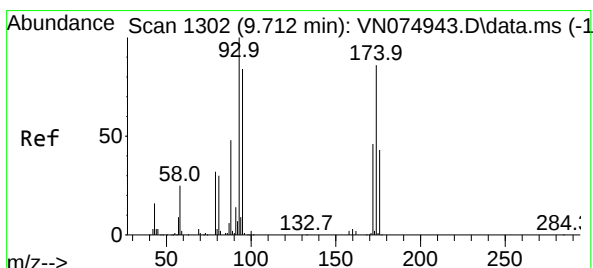
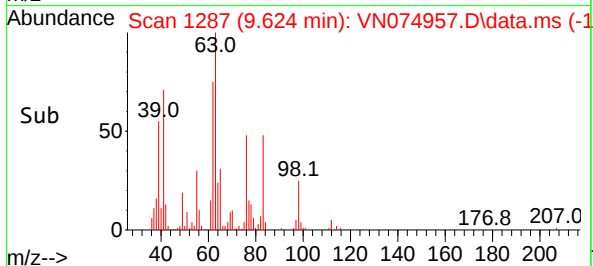
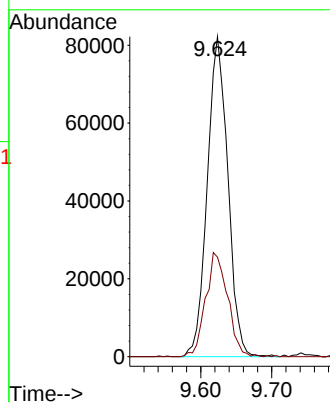
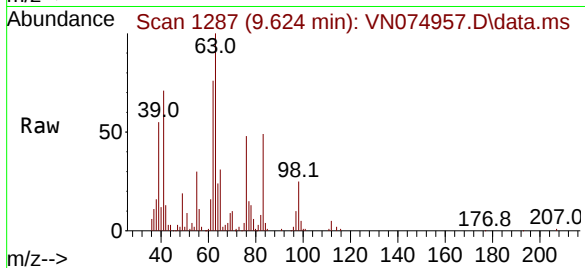
65 31.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#46

Dibromomethane

Concen: 18.925 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

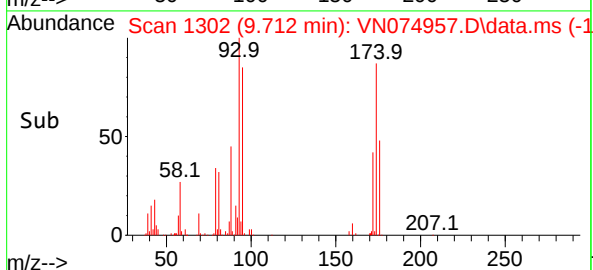
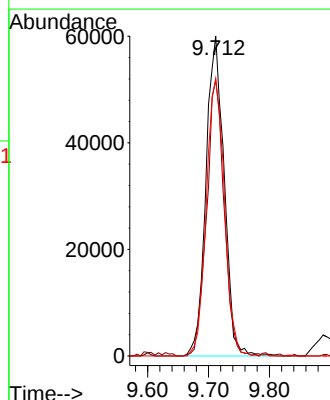
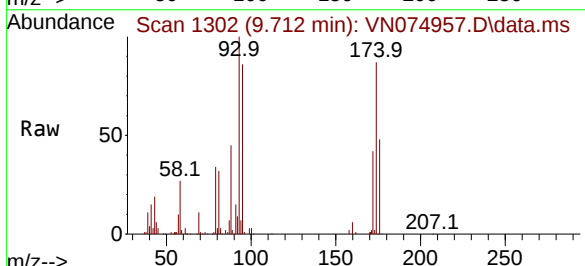
Tgt Ion: 93 Resp: 124249

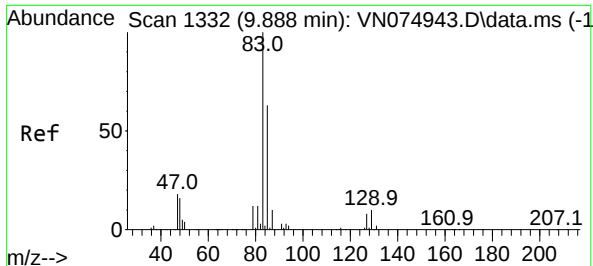
Ion Ratio Lower Upper

93 100

95 83.2 66.0 99.0

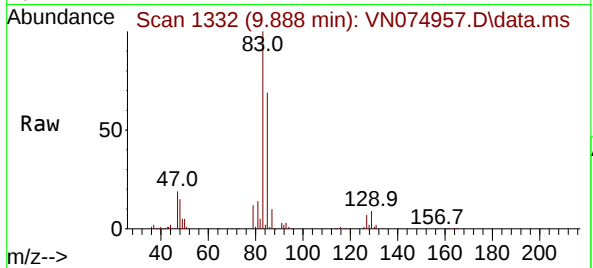
174 86.5 68.8 103.2





#47
Bromodichloromethane
Concen: 19.084 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

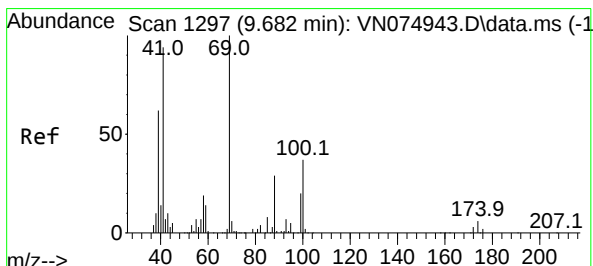
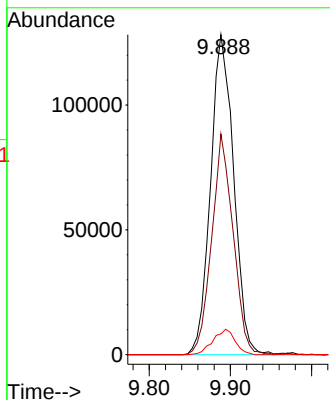
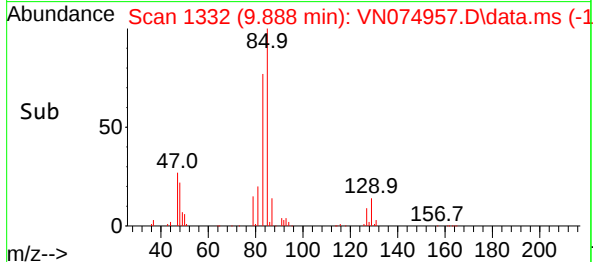
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



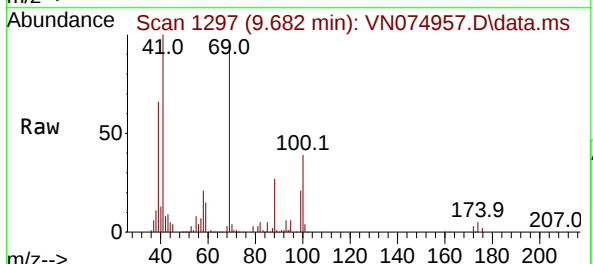
Tgt Ion: 83 Resp: 25310
Ion Ratio Lower Upper
83 100
85 68.9 50.1 75.1
127 6.5 6.5 9.7

Manual Integrations
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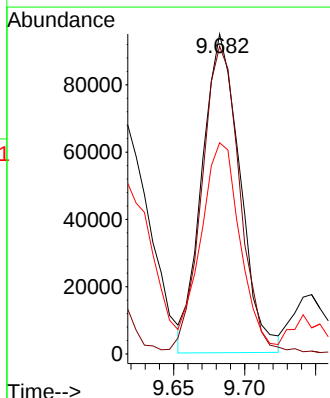
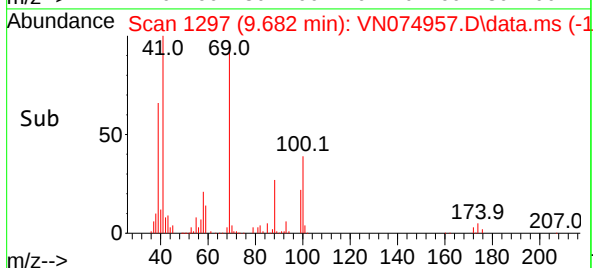
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

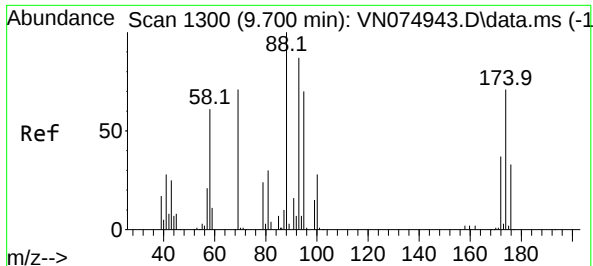


#48
Methyl methacrylate
Concen: 19.547 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23



Tgt Ion: 41 Resp: 176376
Ion Ratio Lower Upper
41 100
69 97.8 79.7 119.5
39 68.4 55.1 82.7





#49

1,4-Dioxane

Concen: 373.287 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

Tgt Ion: 88 Resp: 9738

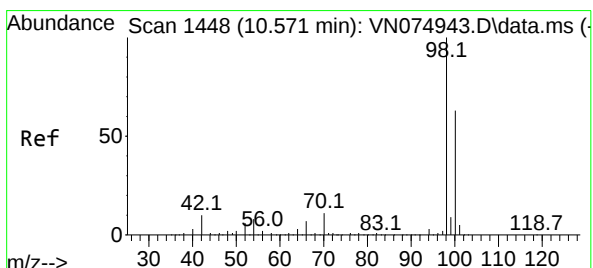
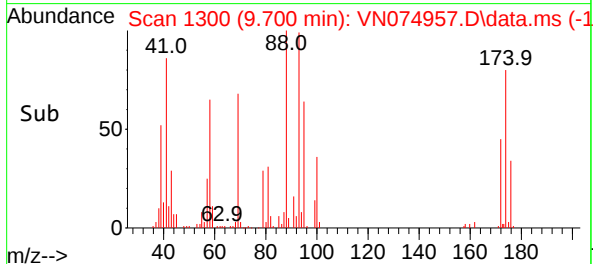
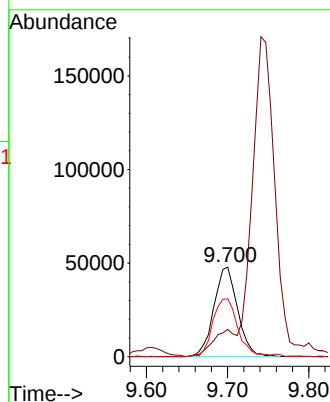
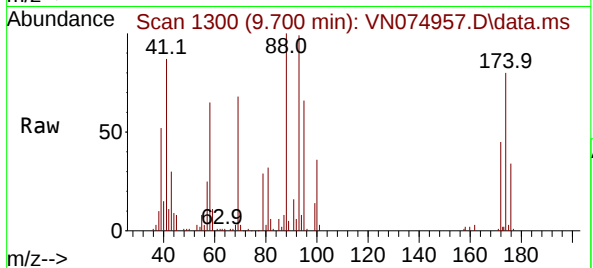
Ion	Ratio	Lower	Upper
88	100		
43	29.1	21.1	31.7
58	67.9	49.8	74.8

Manual Integrations

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Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#50

Toluene-d8

Concen: 47.863 ug/l

RT: 10.571 min Scan# 1448

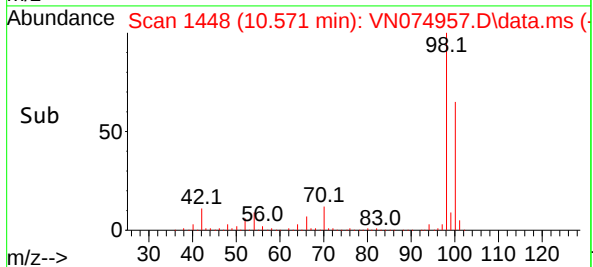
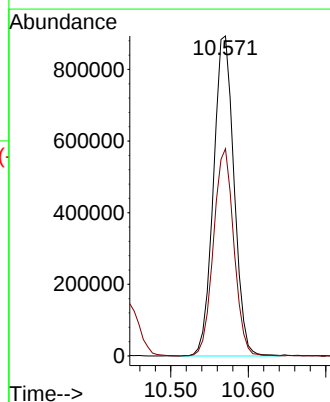
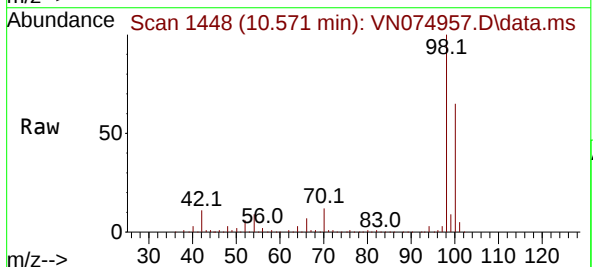
Delta R.T. -0.000 min

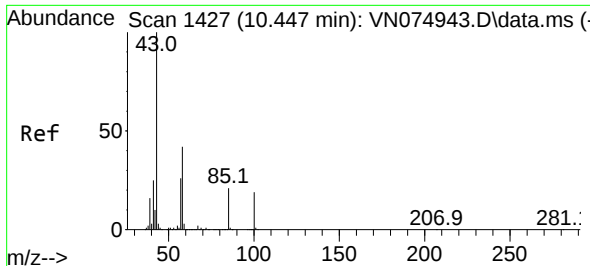
Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

Tgt Ion: 98 Resp: 1647560

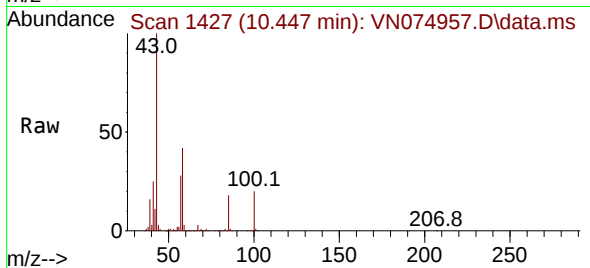
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.2





#51
4-Methyl-2-Pentanone
Concen: 96.047 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

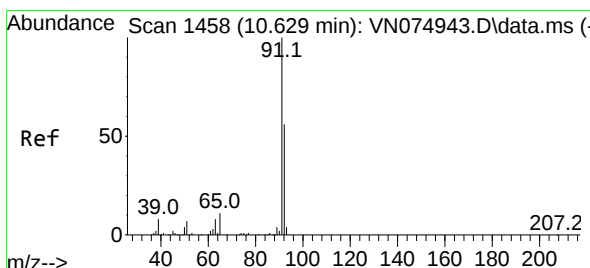
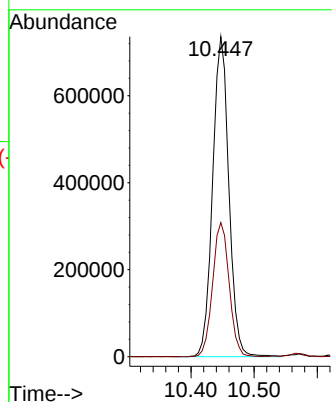
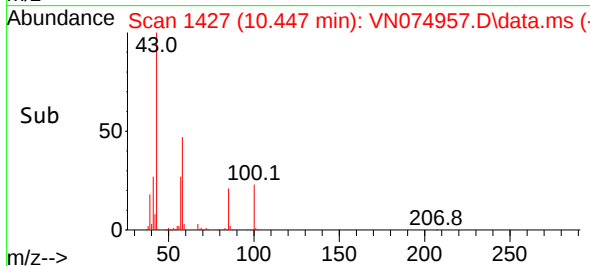
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



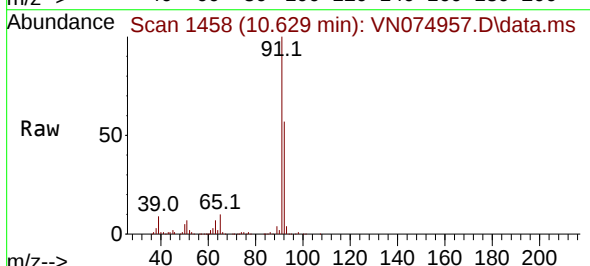
Tgt Ion: 43 Resp: 1312854
Ion Ratio Lower Upper
43 100
58 42.7 33.6 50.4

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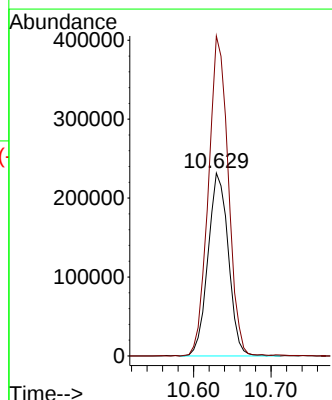
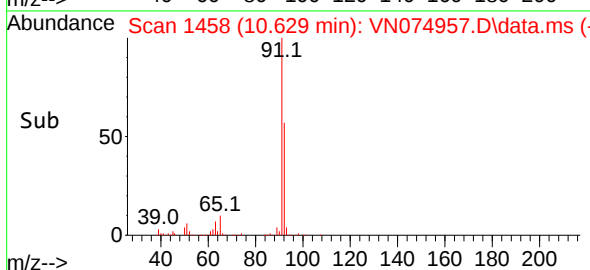
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

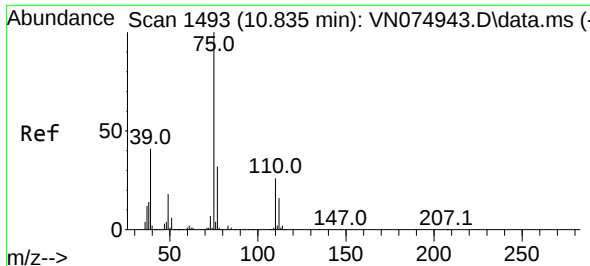


#52
Toluene
Concen: 18.587 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23



Tgt Ion: 92 Resp: 422480
Ion Ratio Lower Upper
92 100
91 171.1 139.2 208.8





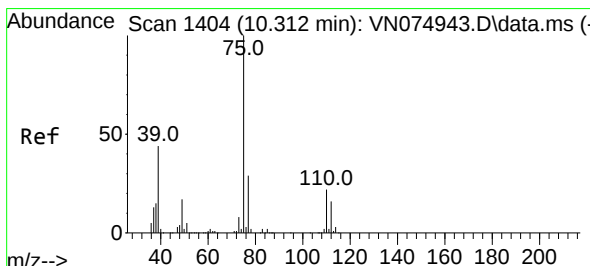
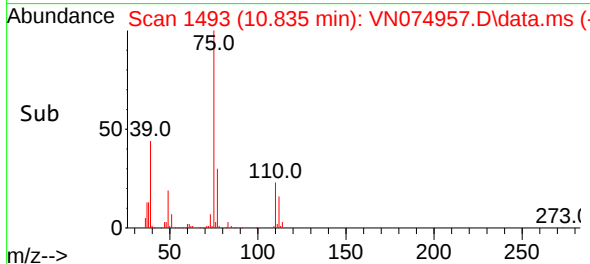
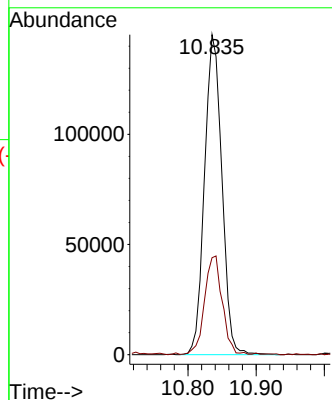
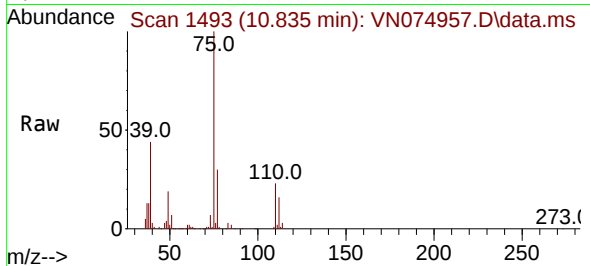
#53
t-1,3-Dichloropropene
Concen: 19.649 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion: 75 Resp: 25709
Ion Ratio Lower Upper
75 100
77 30.3 25.2 37.8

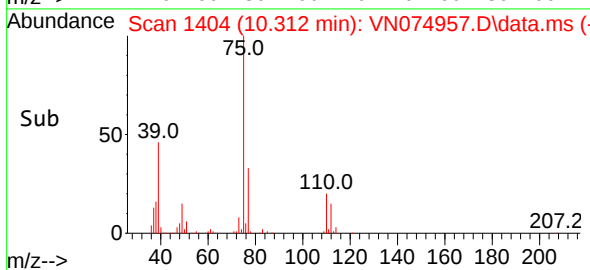
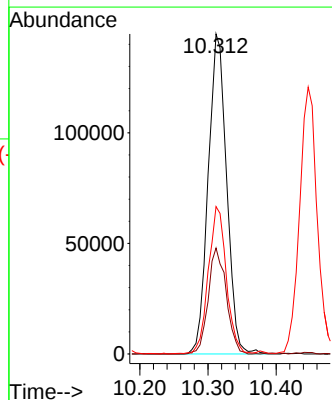
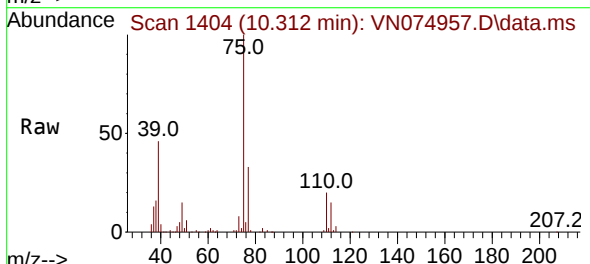
Manual Integrations
APPROVED

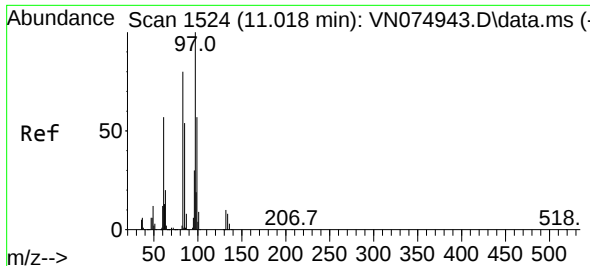
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#54
cis-1,3-Dichloropropene
Concen: 18.814 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

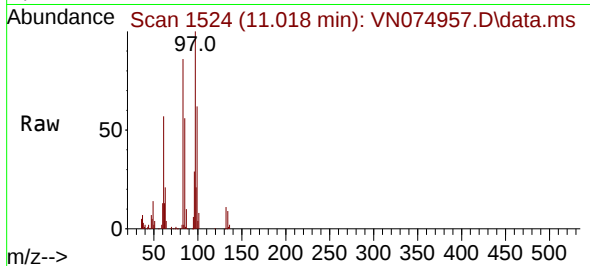
Tgt Ion: 75 Resp: 272242
Ion Ratio Lower Upper
75 100
77 33.1 23.5 35.3
39 45.8 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 19.314 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

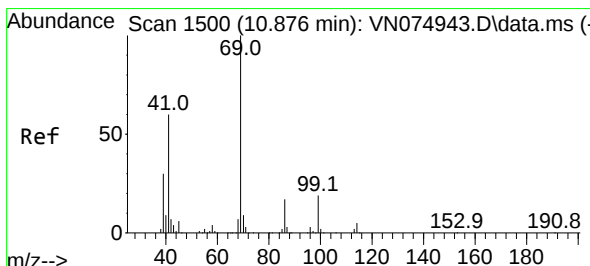
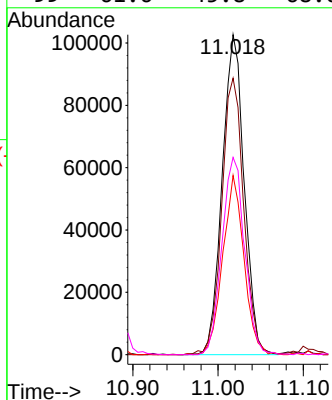
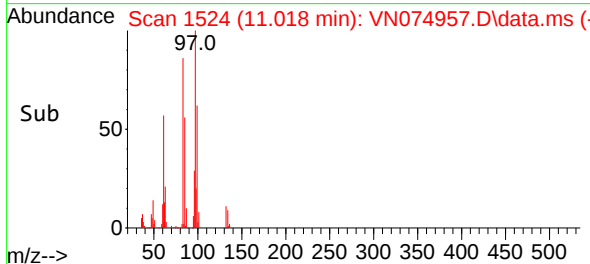
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion:	97	Ratio	100	Lower	Upper
97	100				
83	86.4		64.2	96.4	
85	56.0		43.3	64.9	
99	61.6		45.8	68.6	

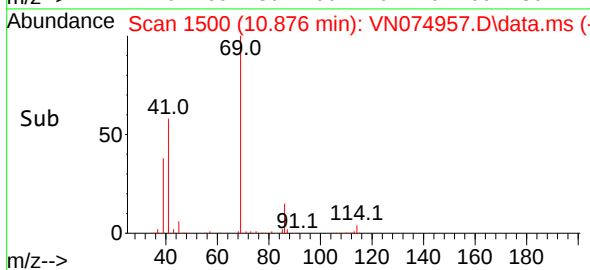
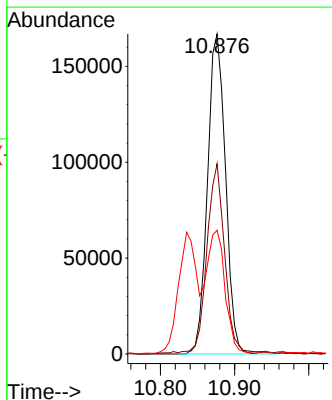
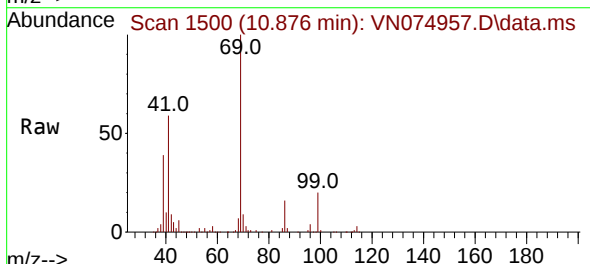
Manual Integrations
APPROVED

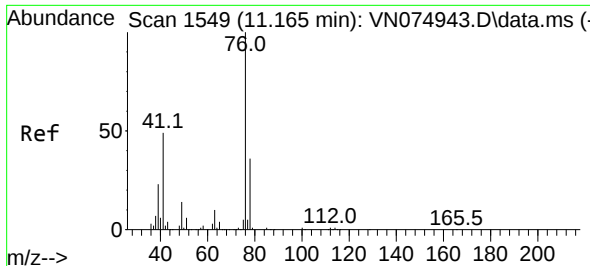
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#56
Ethyl methacrylate
Concen: 19.678 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

Tgt Ion:	69	Ratio	100	Lower	Upper
69	100				
41	58.4		45.1	67.7	
39	39.5		32.0	48.0	





#57

1,3-Dichloropropane

Concen: 19.483 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

Tgt Ion: 76 Resp: 315500

Ion Ratio Lower Upper

76 100

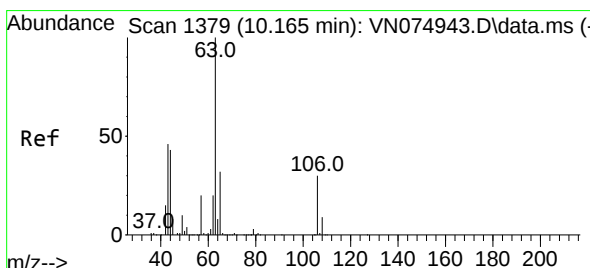
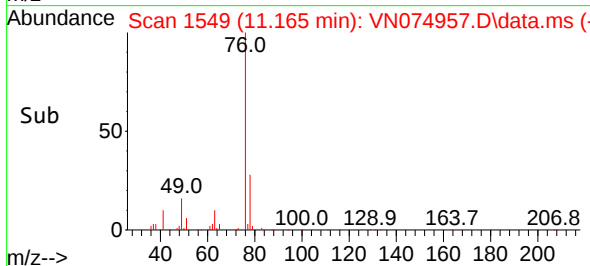
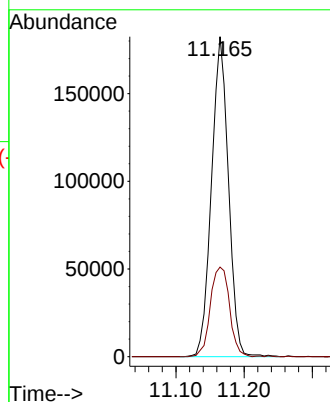
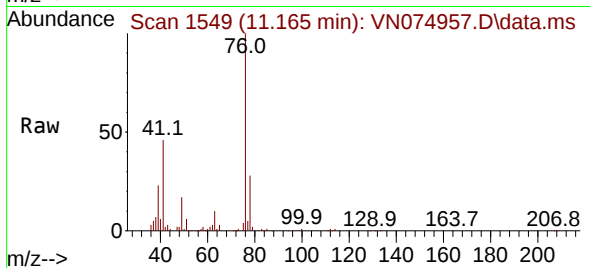
78 31.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 92.760 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN074957.D

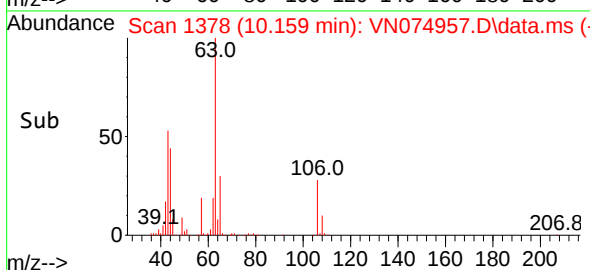
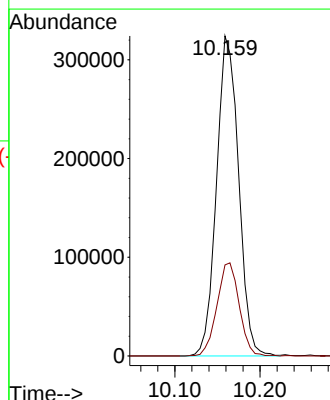
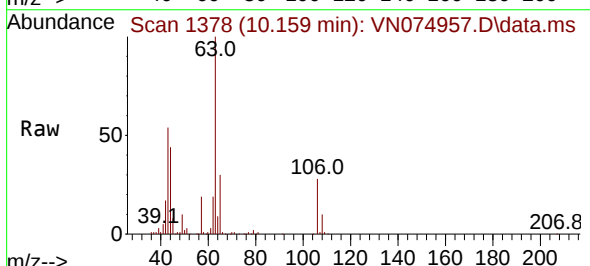
Acq: 21 Oct 2022 13:23

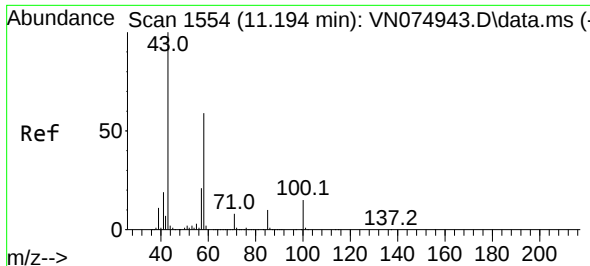
Tgt Ion: 63 Resp: 584304

Ion Ratio Lower Upper

63 100

106 29.3 24.1 36.1





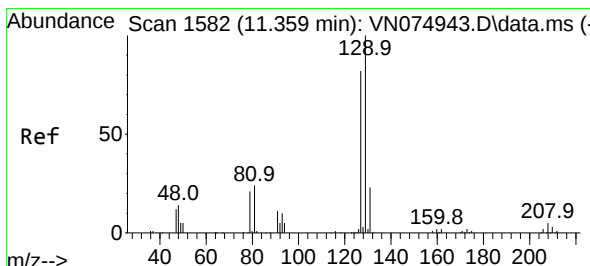
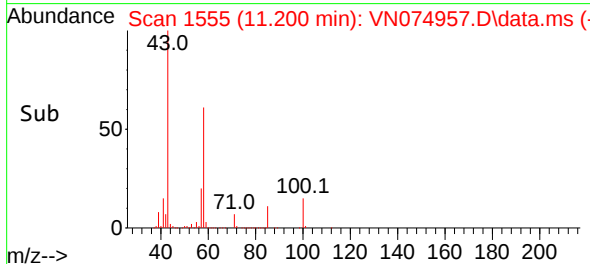
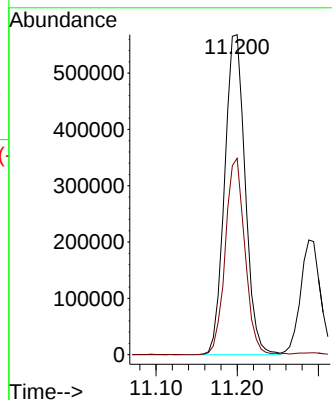
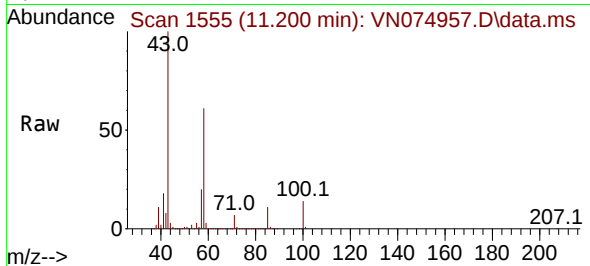
#59
2-Hexanone
Concen: 96.415 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion: 43 Resp: 999474
Ion Ratio Lower Upper
43 100
58 58.6 29.5 88.5

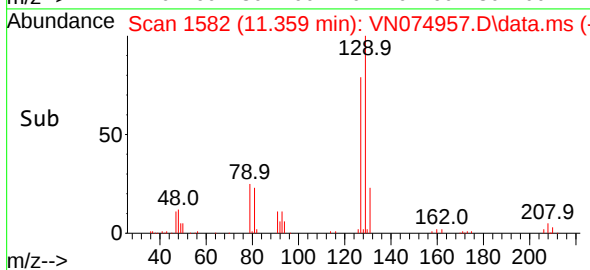
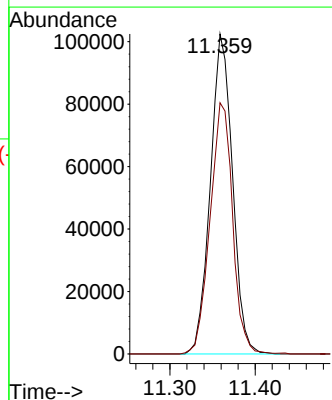
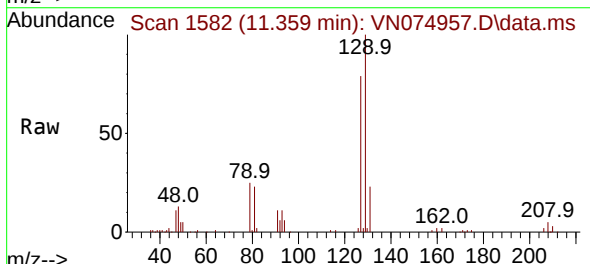
Manual Integrations
APPROVED

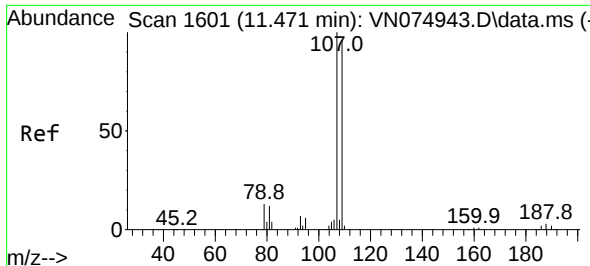
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#60
Dibromochloromethane
Concen: 18.458 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

Tgt Ion:129 Resp: 184824
Ion Ratio Lower Upper
129 100
127 79.9 39.0 116.9





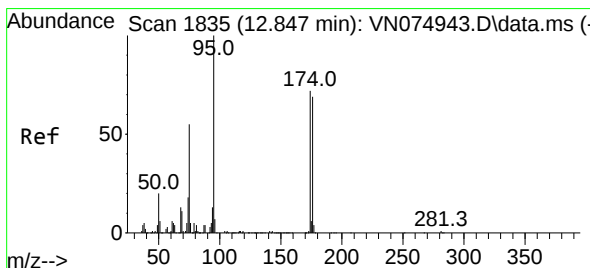
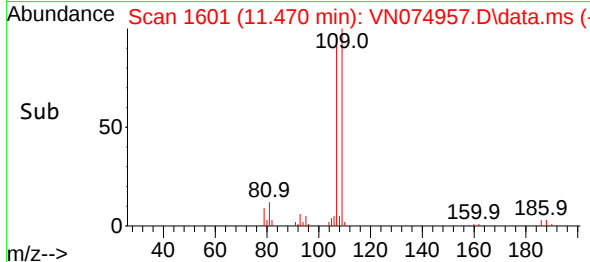
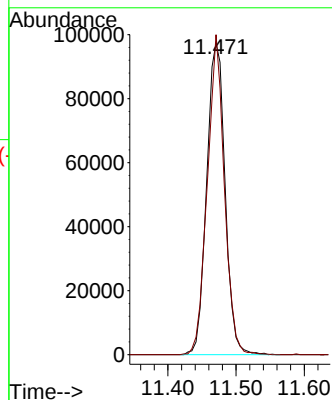
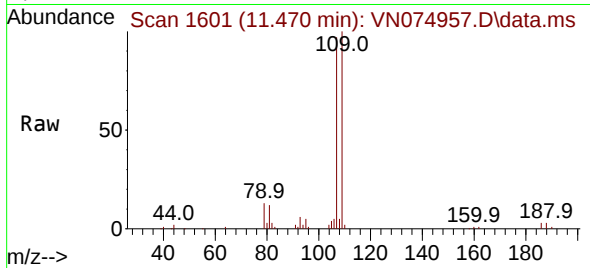
#61
1,2-Dibromoethane
Concen: 19.032 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion:107 Resp: 183035
Ion Ratio Lower Upper
107 100
109 95.2 75.5 113.3

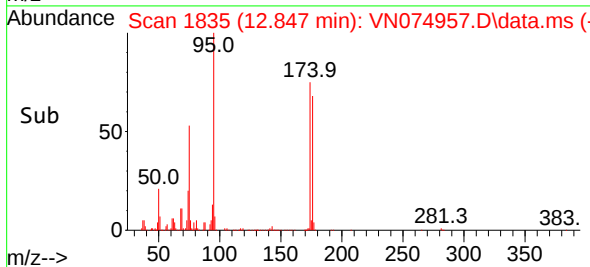
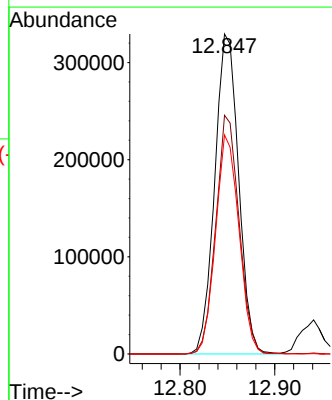
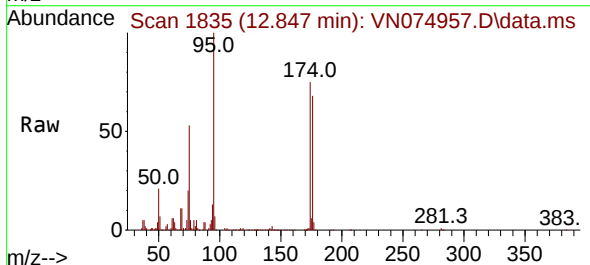
Manual Integrations
APPROVED

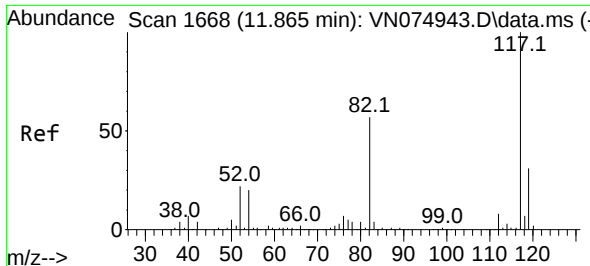
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#62
4-Bromofluorobenzene
Concen: 47.532 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

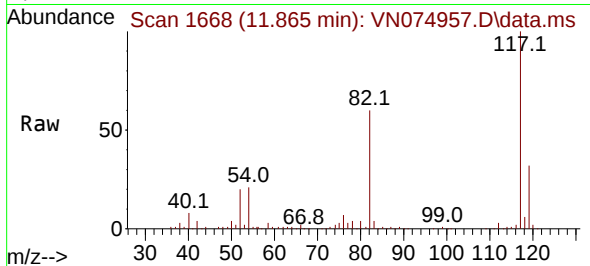
Tgt Ion: 95 Resp: 577141
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.0
176 67.2 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

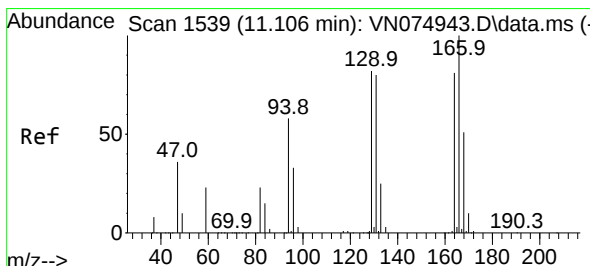
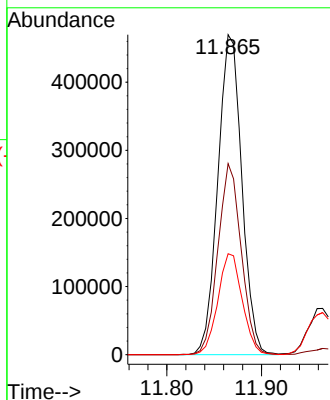
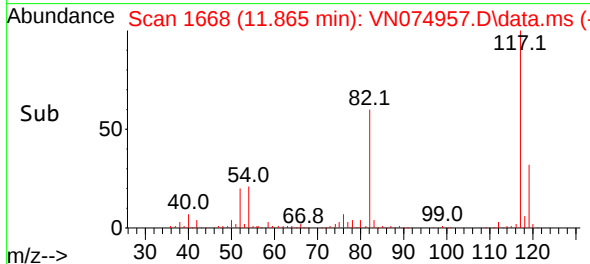
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion:117 Resp: 827584
Ion Ratio Lower Upper
117 100
82 59.7 45.6 68.4
119 31.6 25.1 37.7

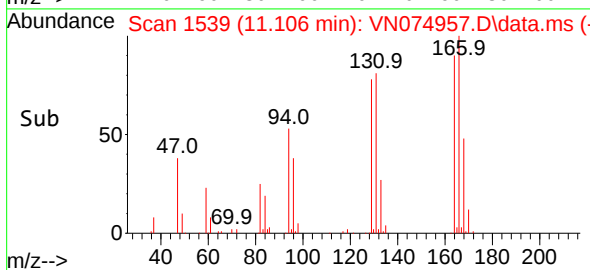
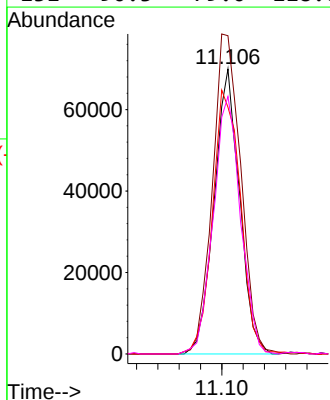
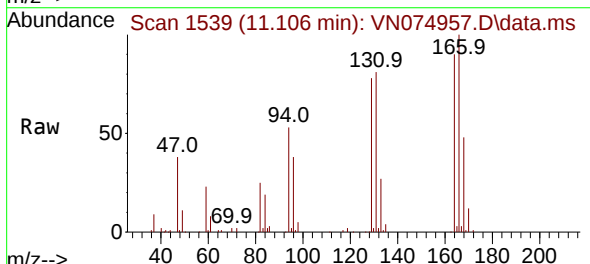
Manual Integrations
APPROVED

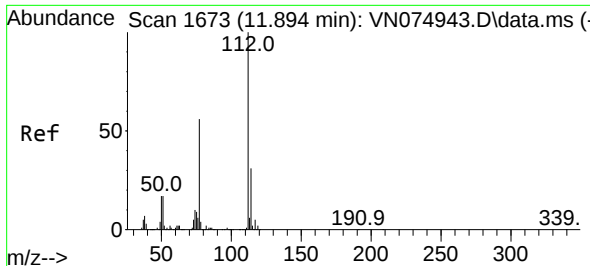
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#64
Tetrachloroethene
Concen: 17.134 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

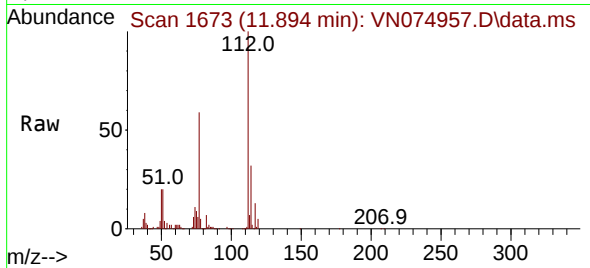
Tgt Ion:164 Resp: 115955
Ion Ratio Lower Upper
164 100
166 111.7 98.6 148.0
129 86.6 81.2 121.8
131 90.3 79.0 118.6





#65
Chlorobenzene
Concen: 18.104 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

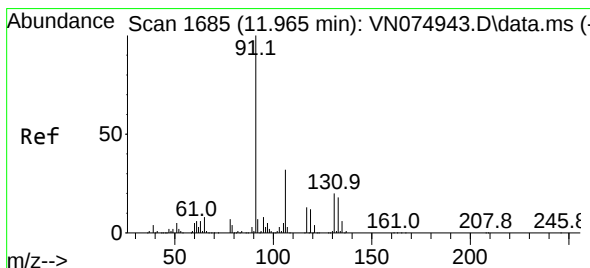
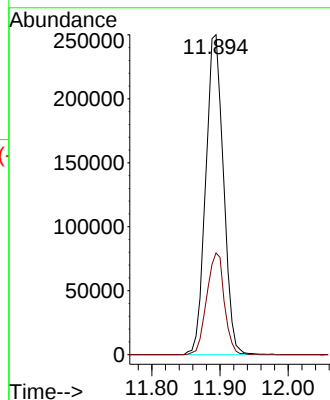
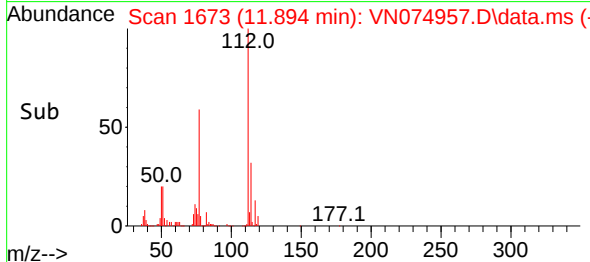
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



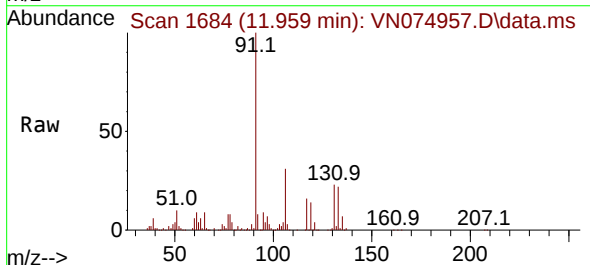
Tgt Ion:112 Resp: 45302
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6

Manual Integrations
APPROVED

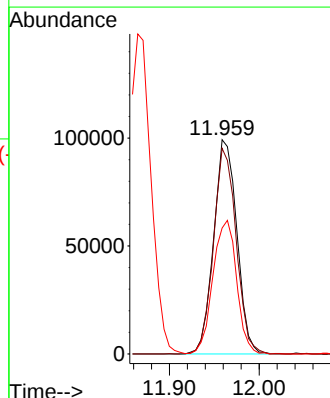
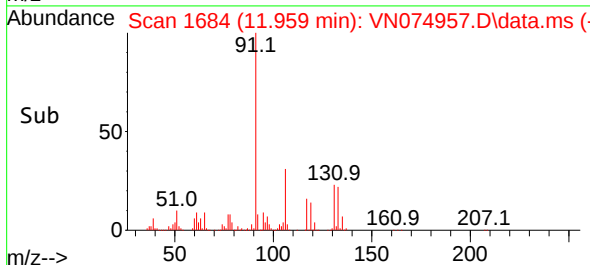
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

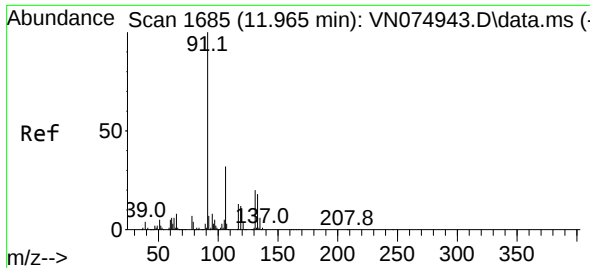


#66
1,1,1,2-Tetrachloroethane
Concen: 18.906 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23



Tgt Ion:131 Resp: 178315
Ion Ratio Lower Upper
131 100
133 94.2 46.6 139.7
119 63.7 32.4 97.0





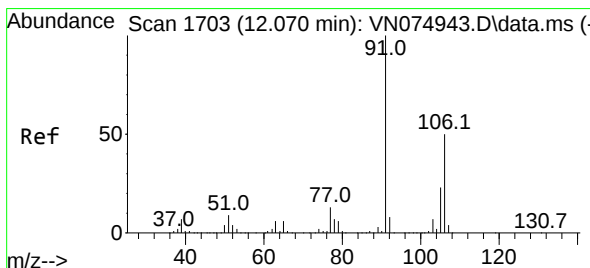
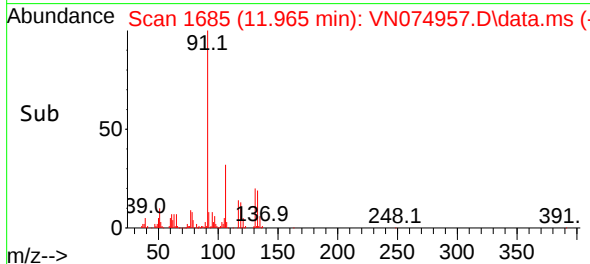
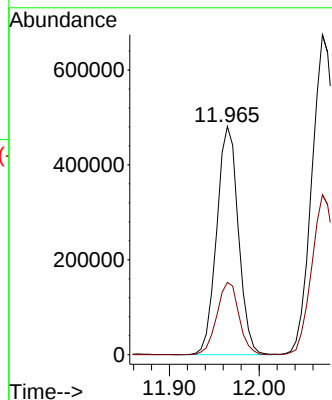
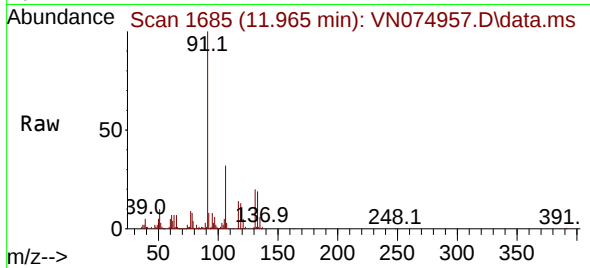
#67
Ethyl Benzene
Concen: 18.142 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion: 91 Resp: 806028
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2

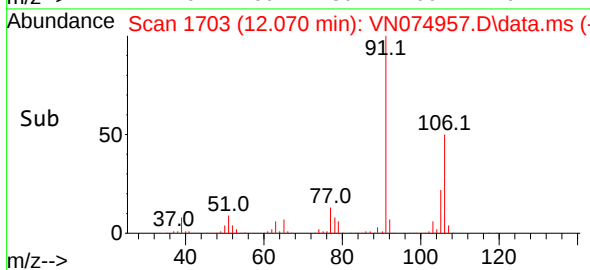
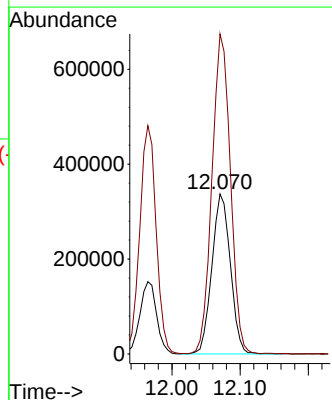
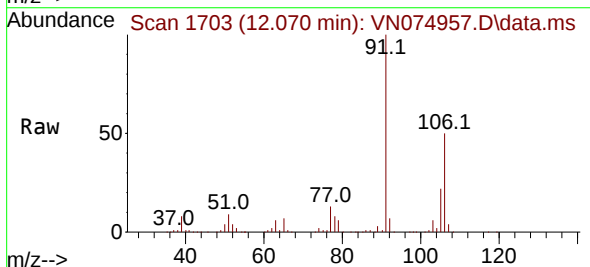
Manual Integrations
APPROVED

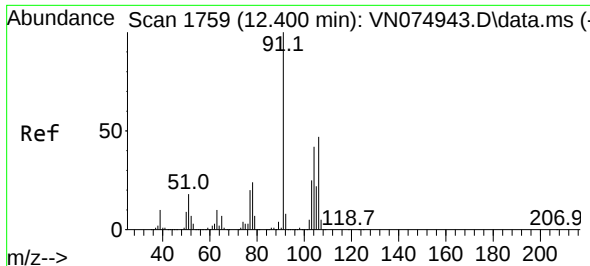
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#68
m/p-Xylenes
Concen: 36.717 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

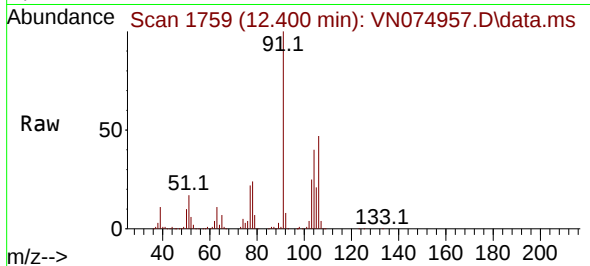
Tgt Ion:106 Resp: 636083
Ion Ratio Lower Upper
106 100
91 199.4 159.7 239.5





#69
o-Xylene
Concen: 18.784 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

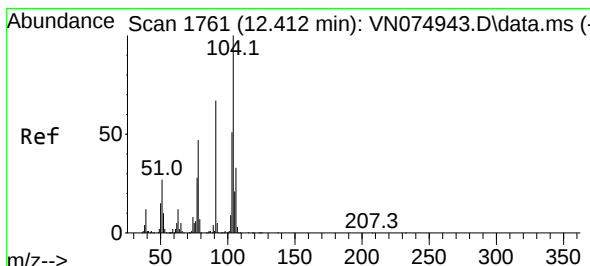
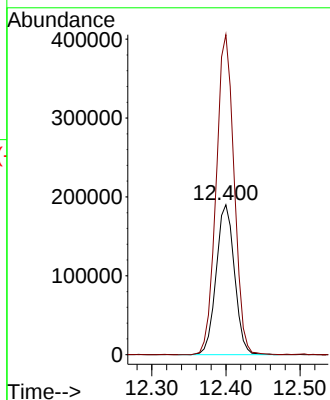
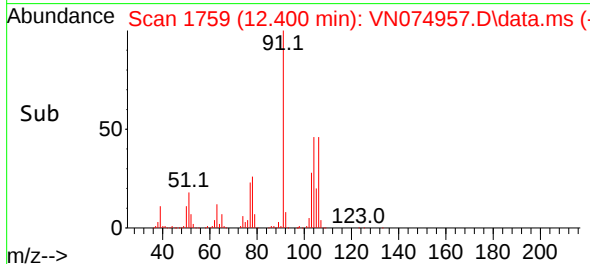
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion:106 Resp: 325982
Ion Ratio Lower Upper
106 100
91 209.4 103.6 310.7

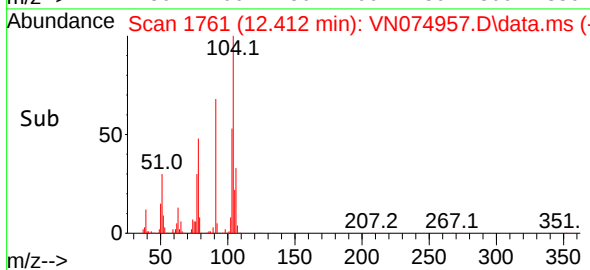
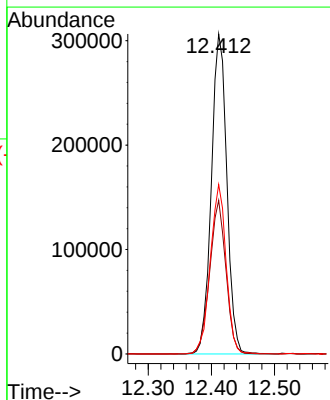
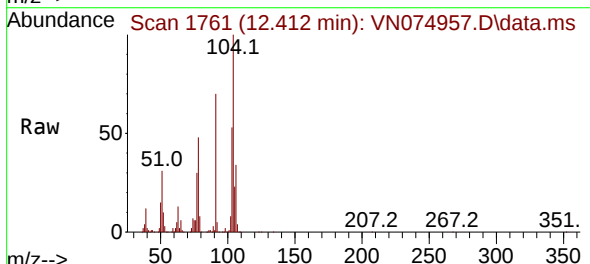
Manual Integrations
APPROVED

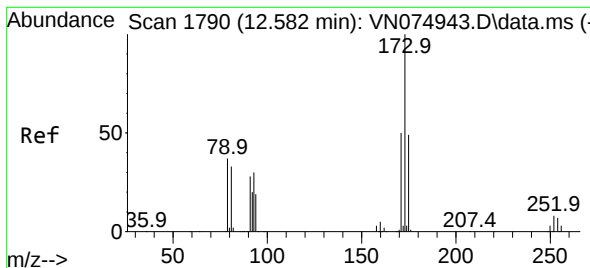
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#70
Styrene
Concen: 18.984 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

Tgt Ion:104 Resp: 522174
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 54.1 43.0 64.4





#71

Bromoform

Concen: 18.022 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

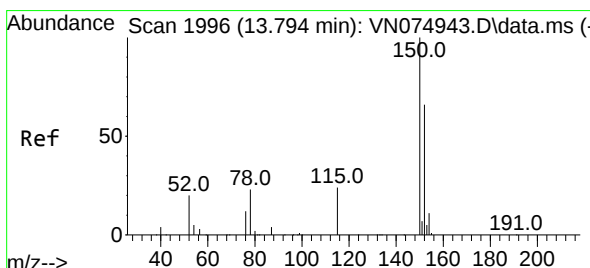
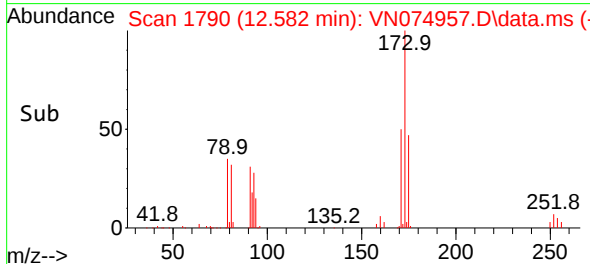
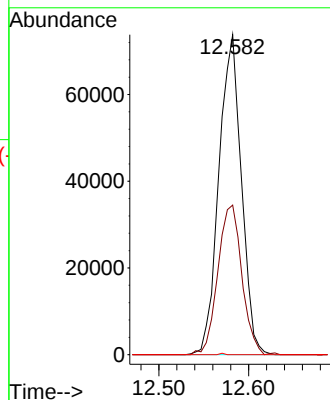
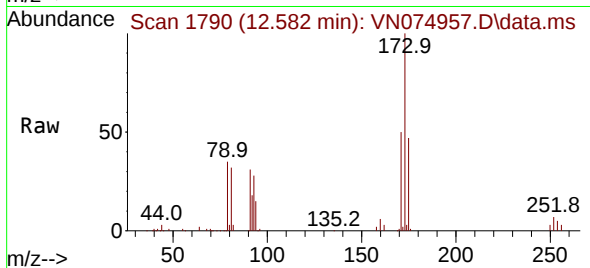
Tgt Ion:173 Resp: 128280
 Ion Ratio Lower Upper
 173 100
 175 49.9 24.8 74.3
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

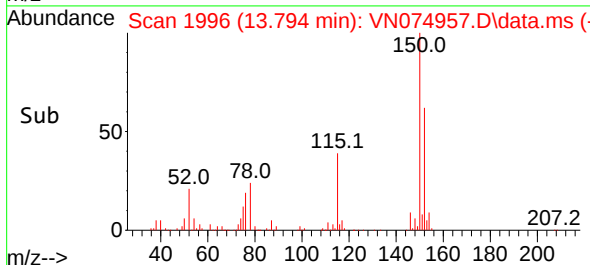
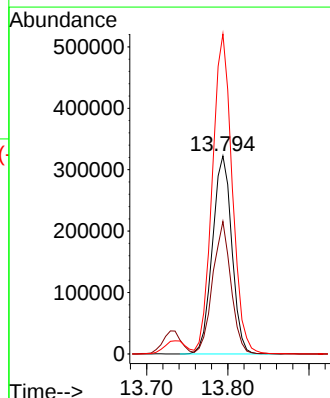
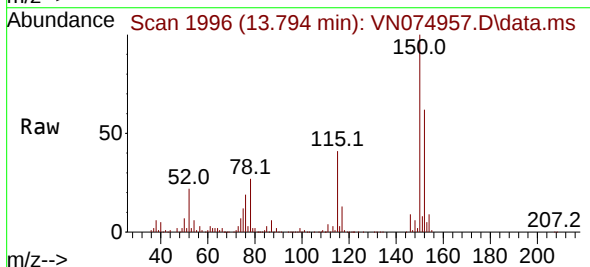
RT: 13.794 min Scan# 1996

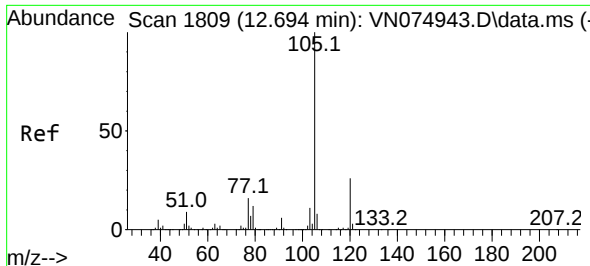
Delta R.T. -0.000 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

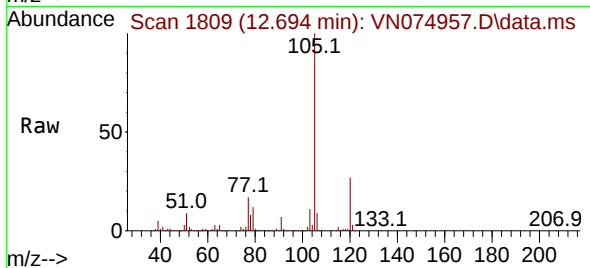
Tgt Ion:152 Resp: 533554
 Ion Ratio Lower Upper
 152 100
 115 63.3 31.3 93.8
 150 165.8 0.0 349.6





#73
Isopropylbenzene
Concen: 18.921 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

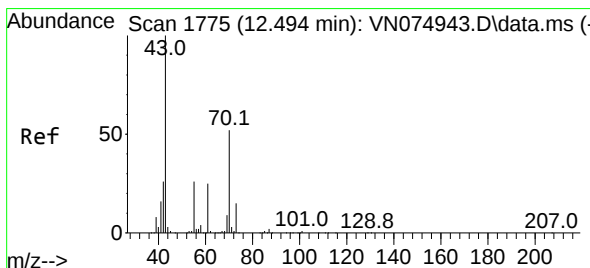
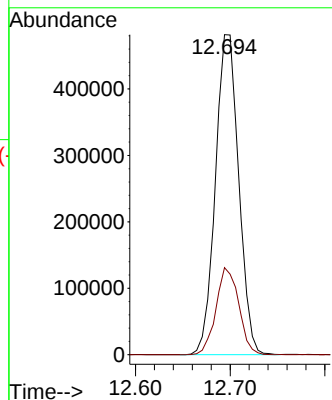
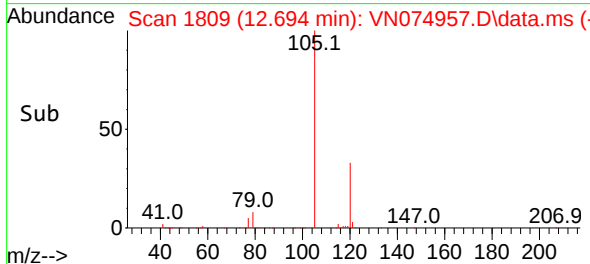
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



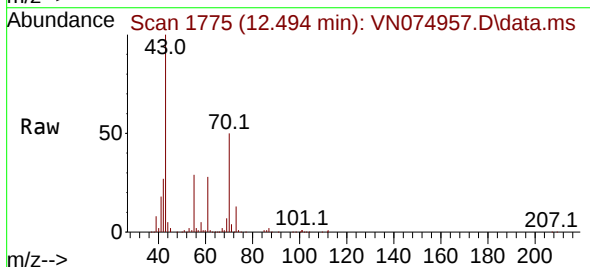
Tgt Ion:105 Resp: 824590
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

Manual Integrations
APPROVED

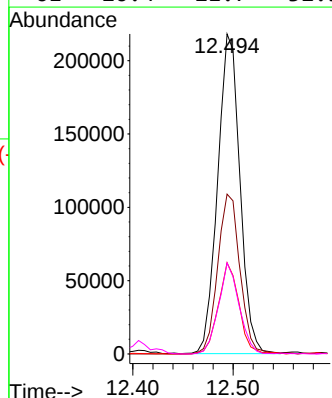
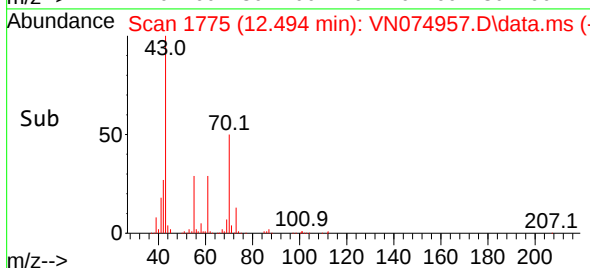
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

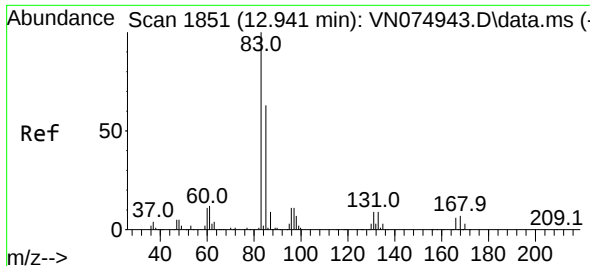


#74
N-ethyl acetate
Concen: 19.209 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23



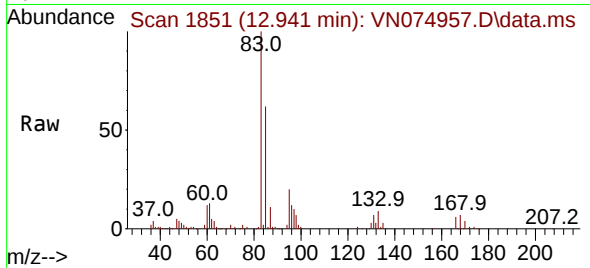
Tgt Ion: 43 Resp: 336367
Ion Ratio Lower Upper
43 100
70 49.8 40.2 60.2
55 26.6 20.6 31.0
61 26.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 18.973 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

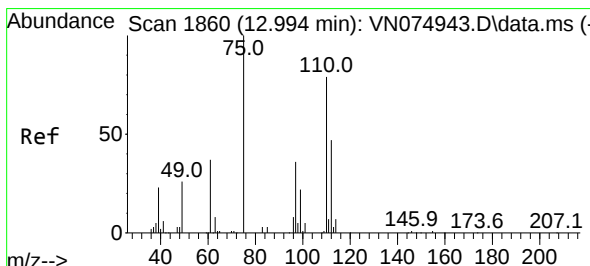
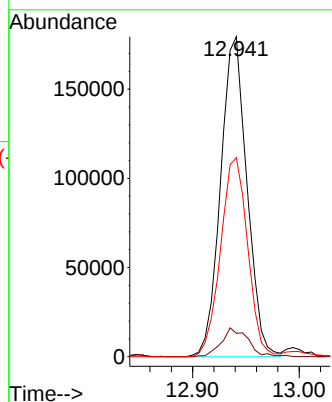
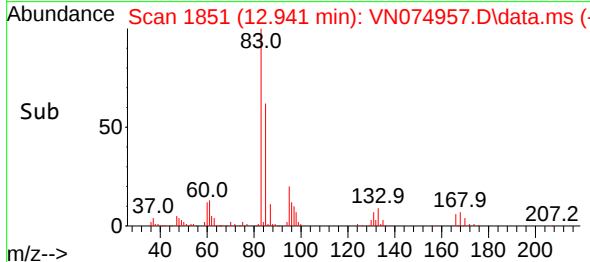
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



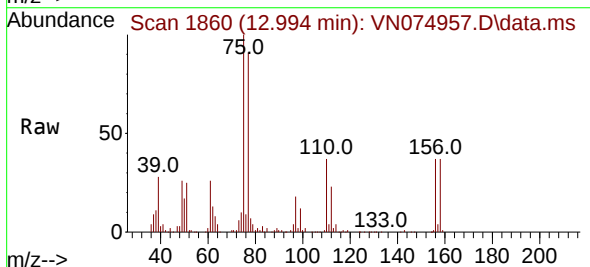
Tgt Ion: 83 Resp: 308795
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.3
85 63.9 32.6 97.7

Manual Integrations
APPROVED

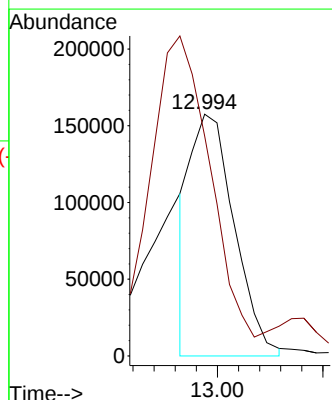
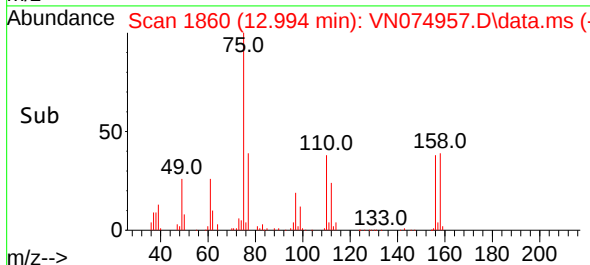
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

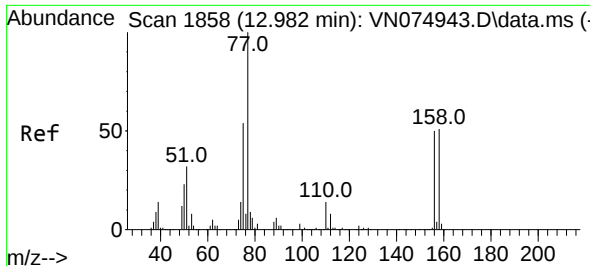


#76
1,2,3-Trichloropropane
Concen: 15.765 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23



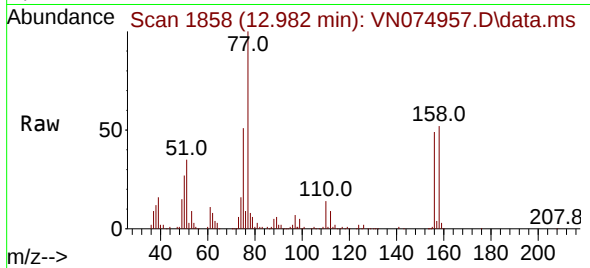
Tgt Ion: 75 Resp: 228105
Ion Ratio Lower Upper
75 100
77 186.0 81.0 243.0





#77
Bromobenzene
Concen: 18.093 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

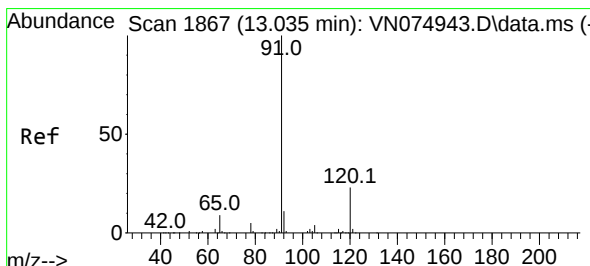
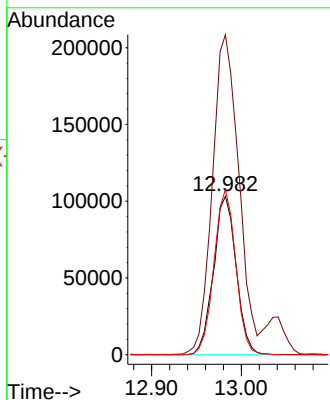
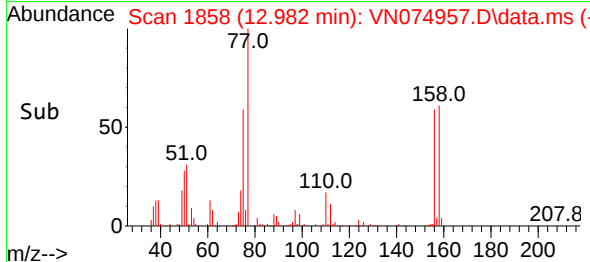
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



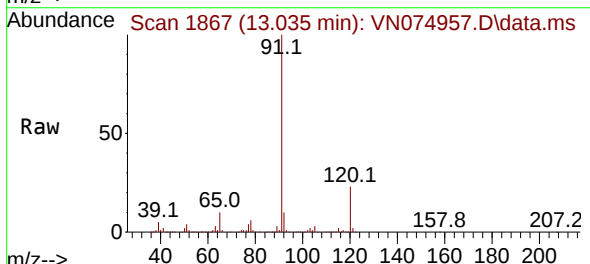
Tgt Ion:156 Resp: 18082
Ion Ratio Lower Upper
156 100
77 234.6 117.1 351.3
158 100.0 48.3 144.9

Manual Integrations
APPROVED

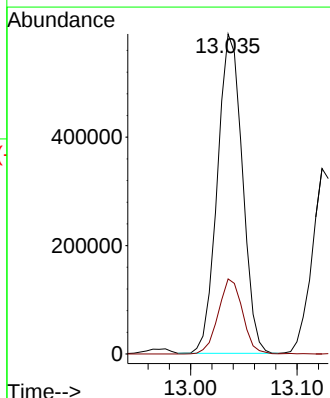
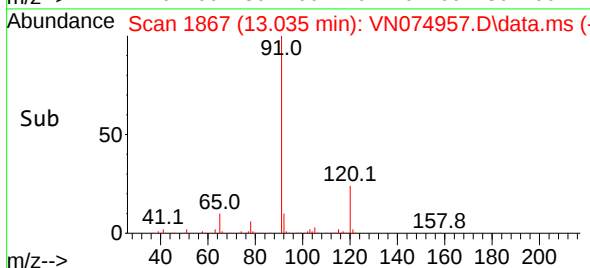
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

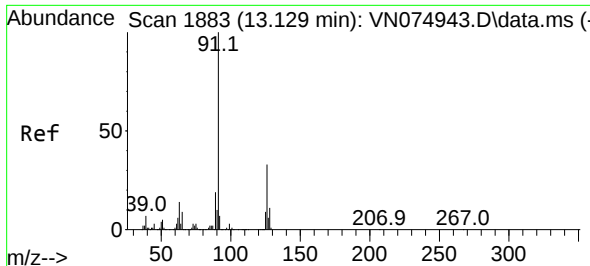


#78
n-propylbenzene
Concen: 18.836 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23



Tgt Ion: 91 Resp: 960740
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





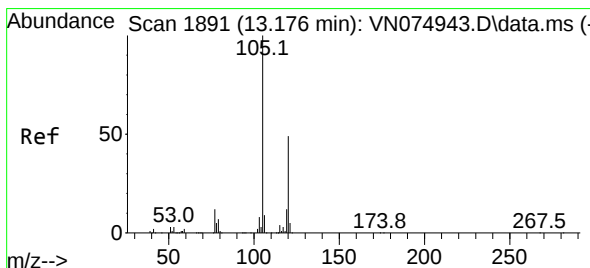
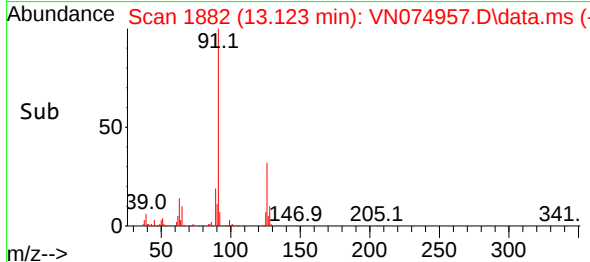
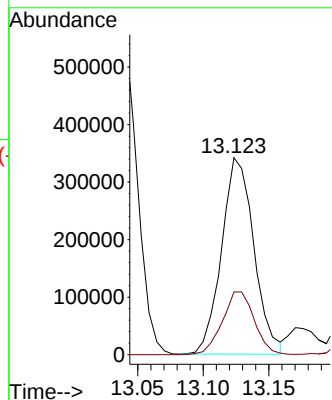
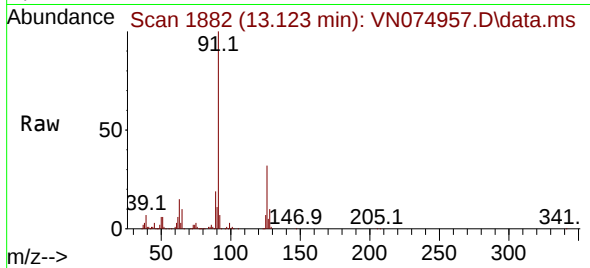
#79
2-Chlorotoluene
Concen: 18.564 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01

Tgt Ion: 91 Resp: 58654
Ion Ratio Lower Upper
91 100
126 31.7 17.0 51.0

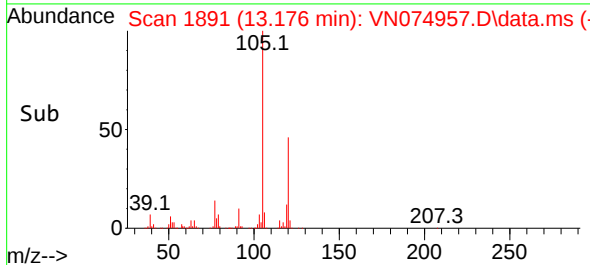
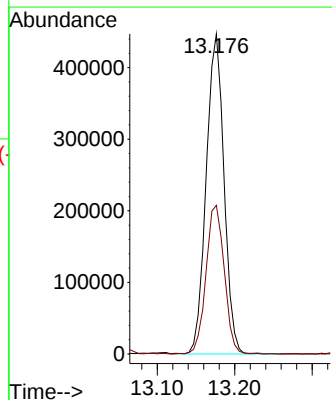
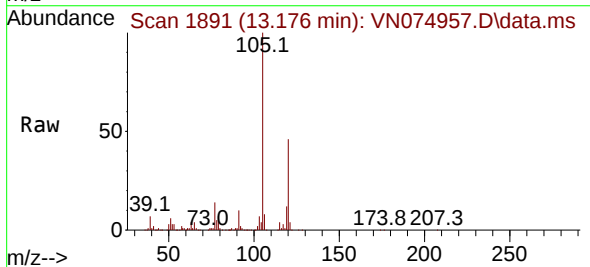
Manual Integrations
APPROVED

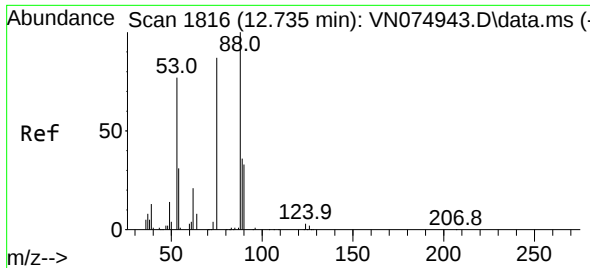
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.949 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

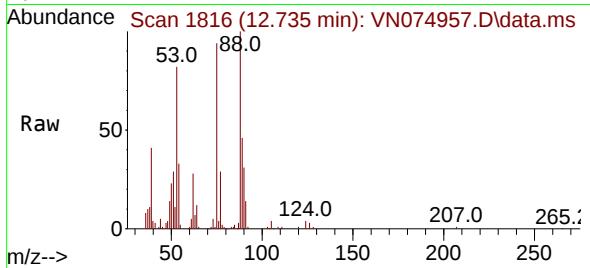
Tgt Ion:105 Resp: 713312
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 19.884 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

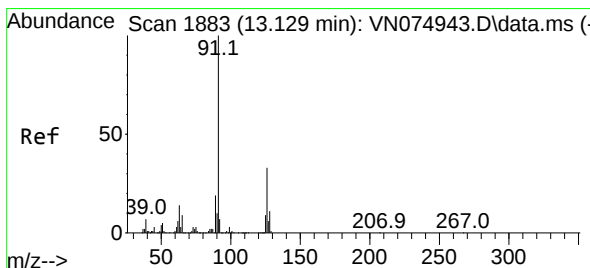
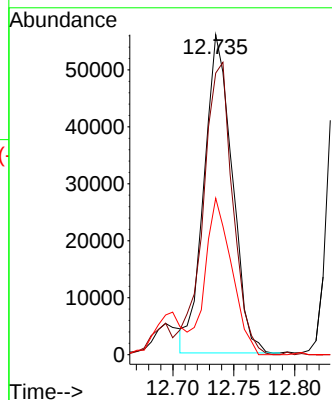
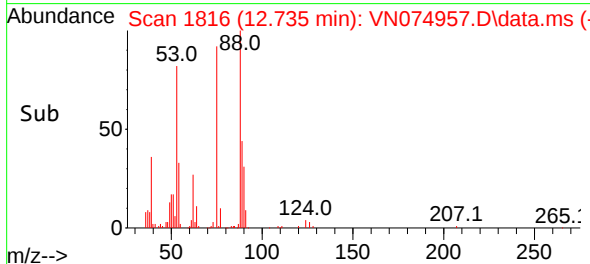
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 75 Resp: 8973
Ion Ratio Lower Upper
75 100
53 97.1 79.2 118.8
89 46.1 37.9 56.9

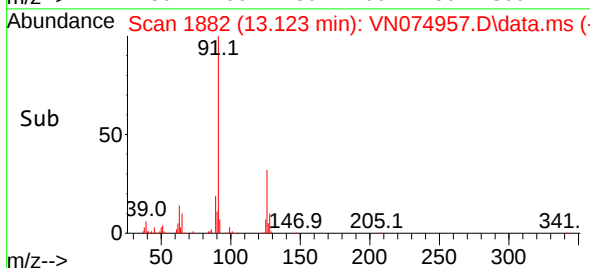
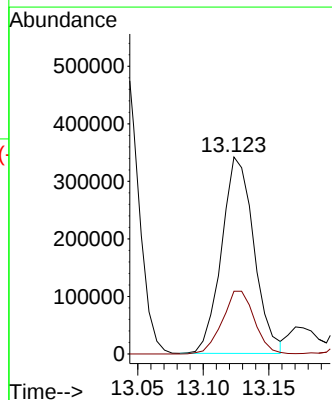
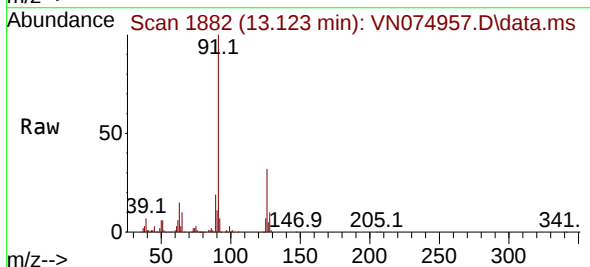
Manual Integrations
APPROVED

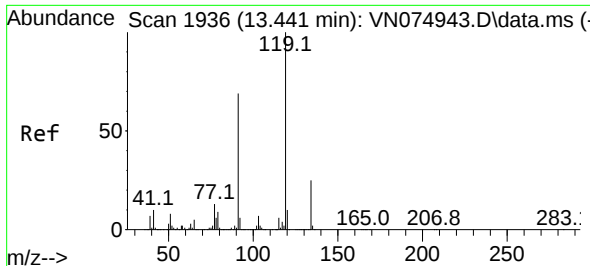
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#82
4-Chlorotoluene
Concen: 18.564 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

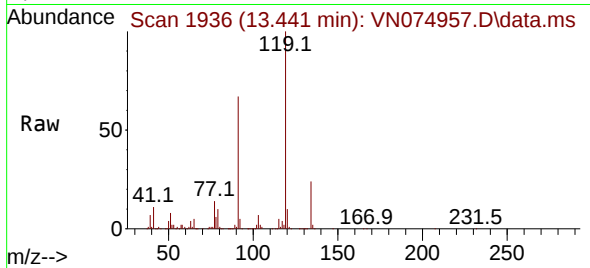
Tgt Ion: 91 Resp: 586547
Ion Ratio Lower Upper
91 100
126 31.7 17.0 51.0





#83
tert-Butylbenzene
Concen: 18.538 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

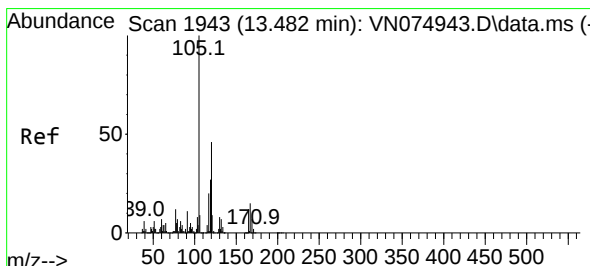
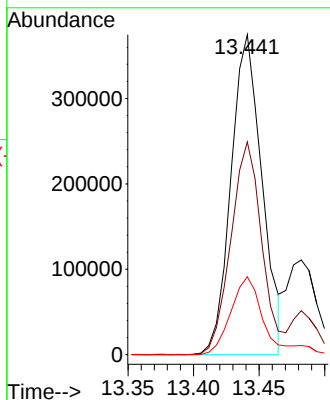
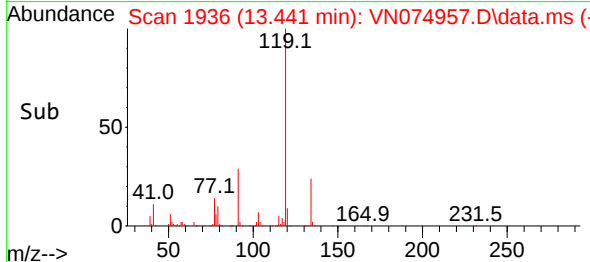
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion:119 Resp: 617550
Ion Ratio Lower Upper
119 100
91 66.7 33.1 99.3
134 26.4 12.4 37.0

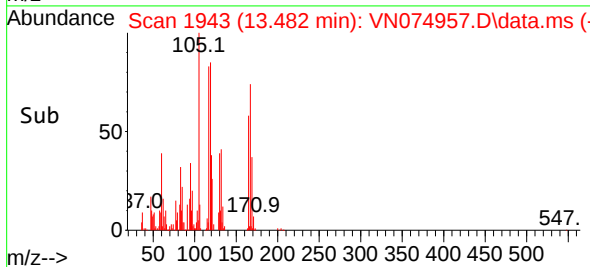
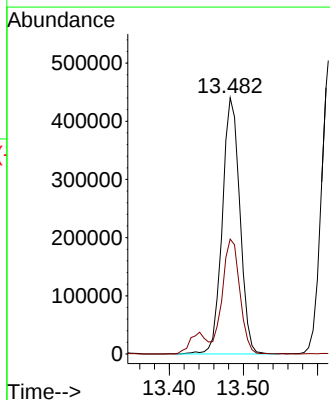
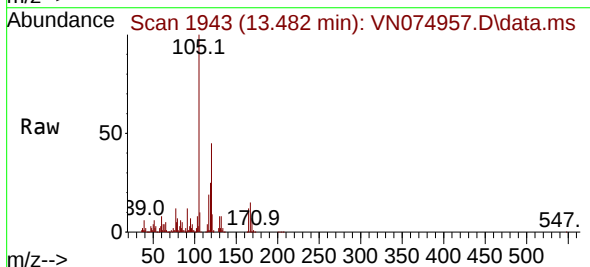
Manual Integrations
APPROVED

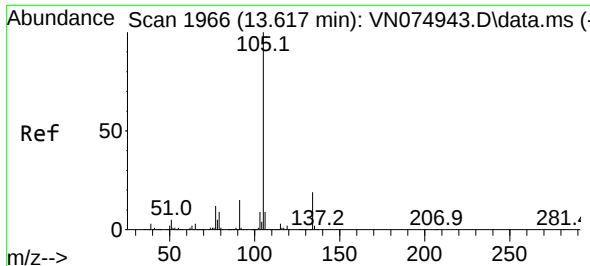
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.065 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

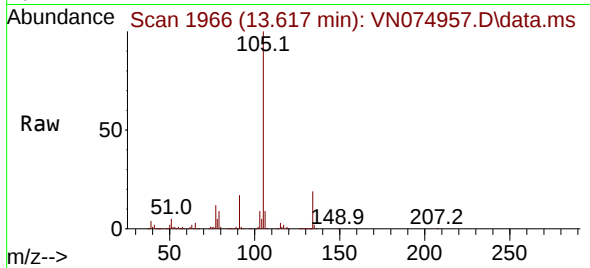
Tgt Ion:105 Resp: 724902
Ion Ratio Lower Upper
105 100
120 45.1 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 18.861 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074957.D
 Acq: 21 Oct 2022 13:23

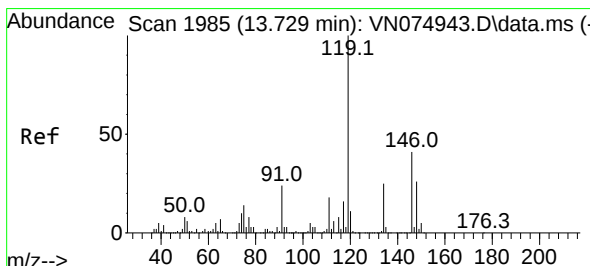
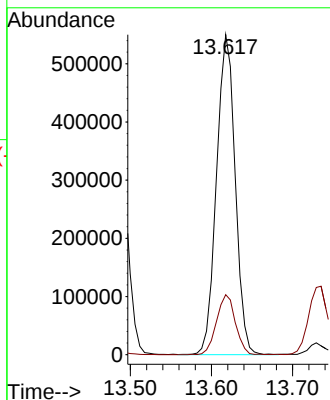
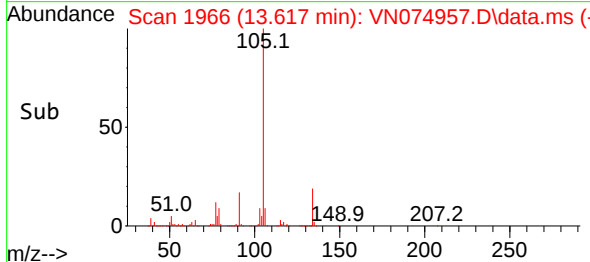
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01



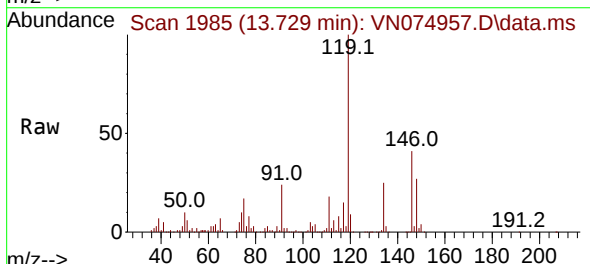
Tgt Ion:105 Resp: 882214
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1

Manual Integrations
 APPROVED

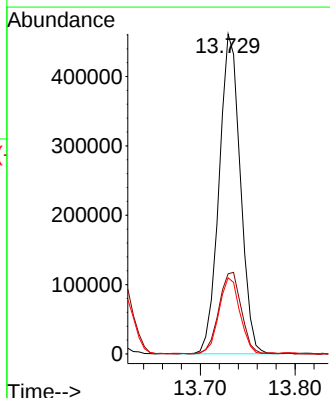
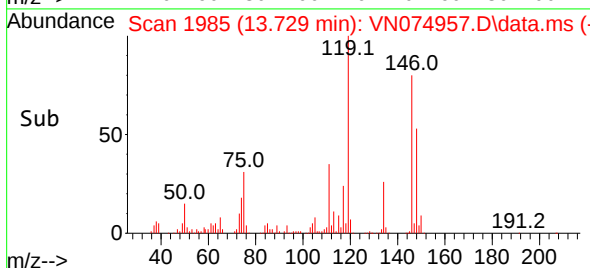
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

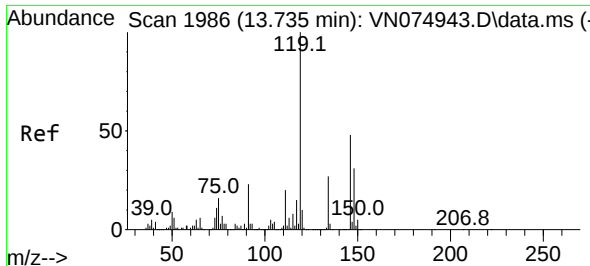


#86
 p-Isopropyltoluene
 Concen: 18.637 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN074957.D
 Acq: 21 Oct 2022 13:23



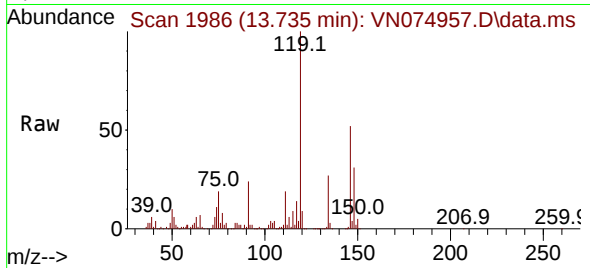
Tgt Ion:119 Resp: 717955
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.9 38.7
 91 23.6 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 19.081 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

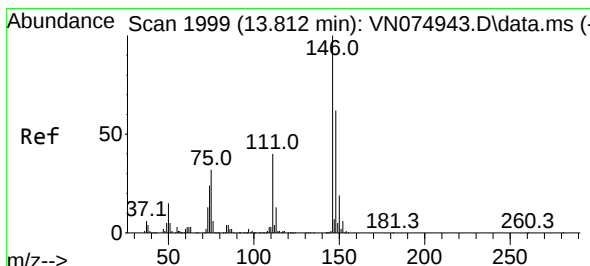
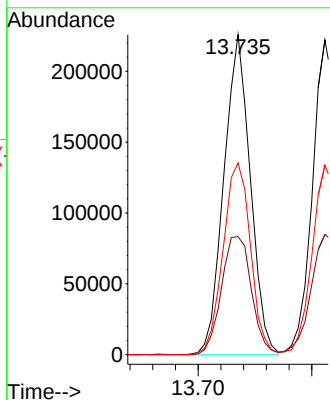
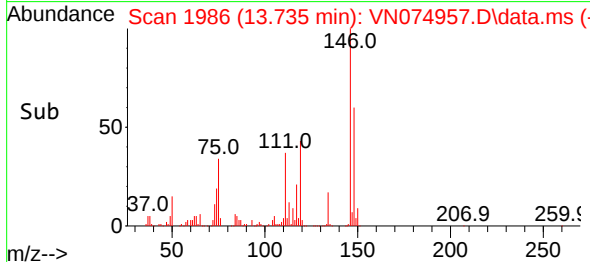
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



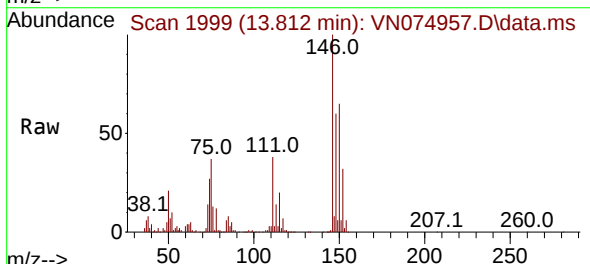
Tgt Ion:146 Resp: 36484
Ion Ratio Lower Upper
146 100
111 41.9 21.5 64.5
148 62.3 31.7 95.1

Manual Integrations
APPROVED

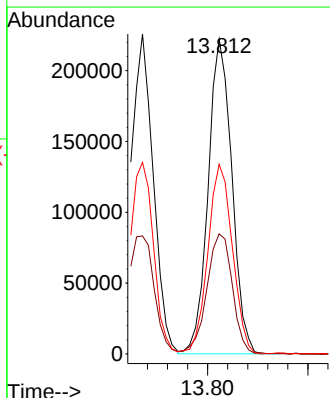
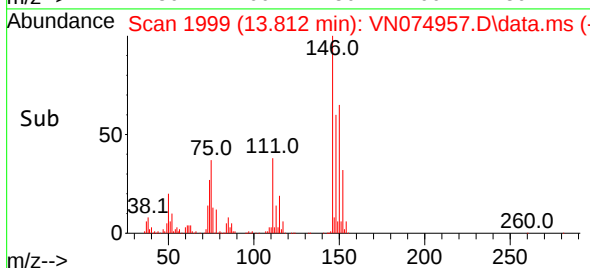
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

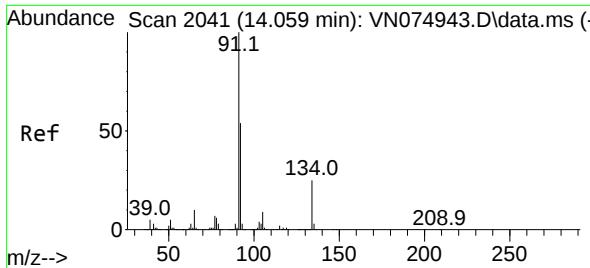


#88
1,4-Dichlorobenzene
Concen: 18.853 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23



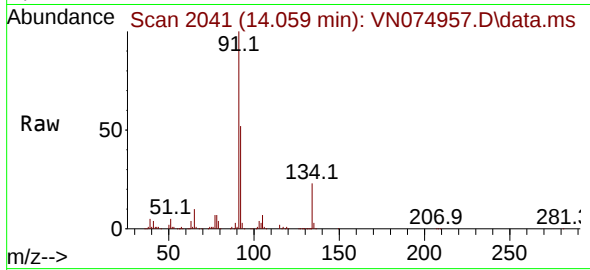
Tgt Ion:146 Resp: 365484
Ion Ratio Lower Upper
146 100
111 40.9 20.3 61.0
148 62.2 32.3 96.9





#89
n-Butylbenzene
Concen: 18.668 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

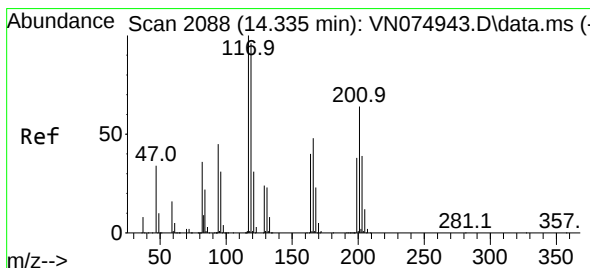
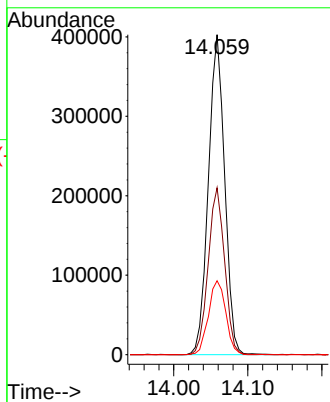
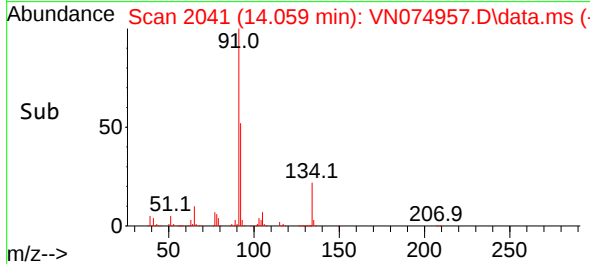
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



Tgt Ion: 91 Resp: 61410
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.9
134 24.7 12.6 37.6

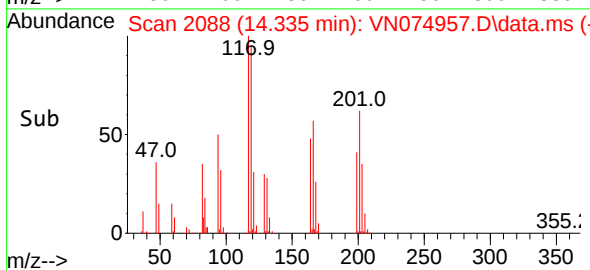
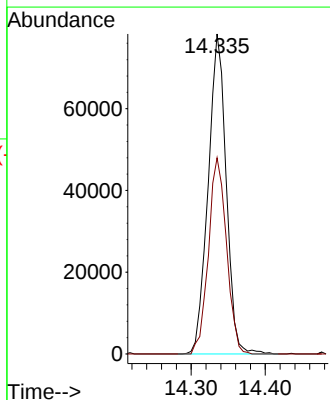
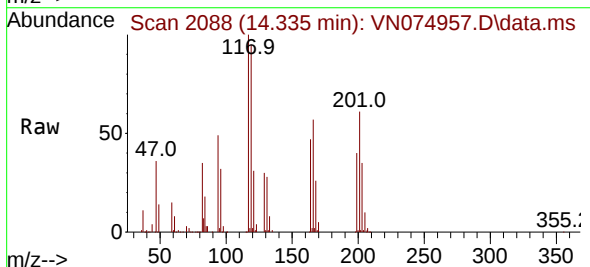
Manual Integrations
APPROVED

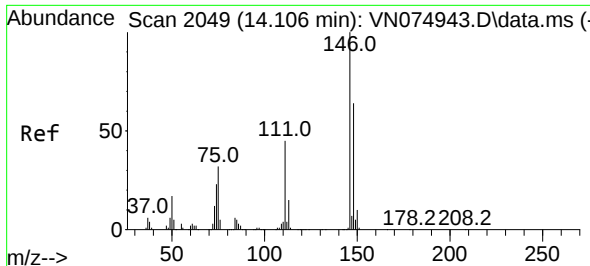
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#90
Hexachloroethane
Concen: 17.776 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

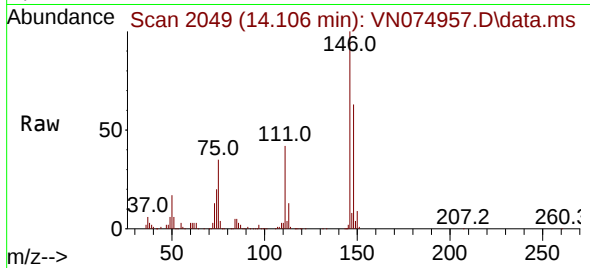
Tgt Ion:117 Resp: 132670
Ion Ratio Lower Upper
117 100
201 61.3 30.6 91.6





#91
 1,2-Dichlorobenzene
 Concen: 19.323 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. -0.000 min
 Lab File: VN074957.D
 Acq: 21 Oct 2022 13:23

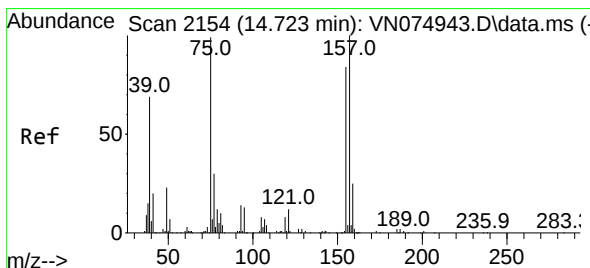
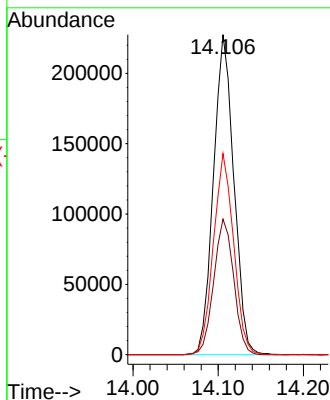
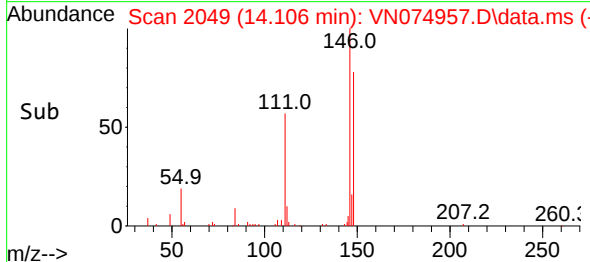
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01



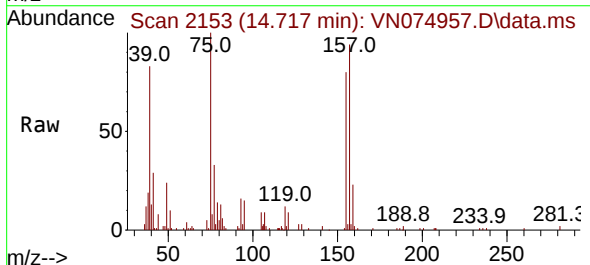
Tgt Ion:146 Resp: 378715
 Ion Ratio Lower Upper
 146 100
 111 41.5 22.2 66.6
 148 62.3 31.9 95.5

Manual Integrations
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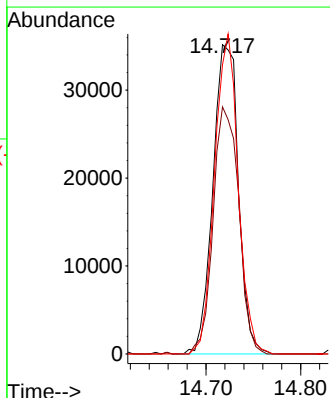
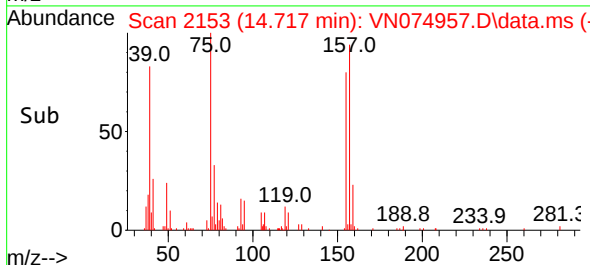
Reviewed By :John Carlone 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

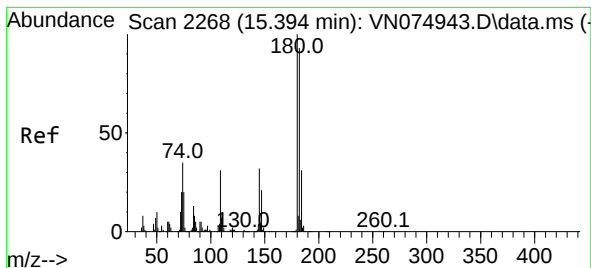


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.493 ug/l
 RT: 14.717 min Scan# 2153
 Delta R.T. -0.006 min
 Lab File: VN074957.D
 Acq: 21 Oct 2022 13:23



Tgt Ion: 75 Resp: 65921
 Ion Ratio Lower Upper
 75 100
 155 80.0 39.6 118.8
 157 95.6 47.8 143.4





#93

1,2,4-Trichlorobenzene

Concen: 20.557 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBSD01

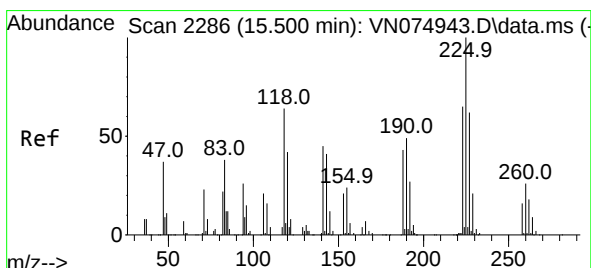
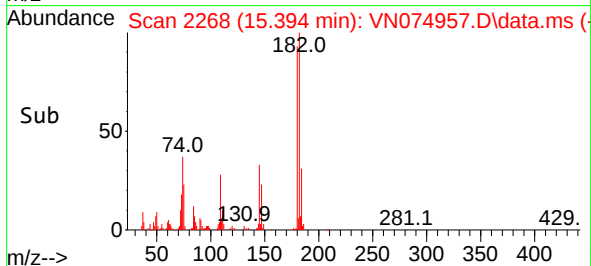
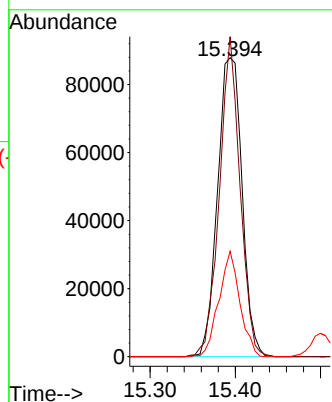
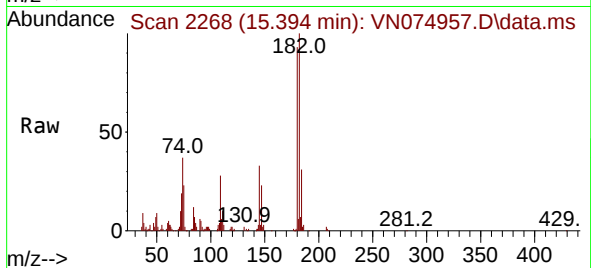
Tgt Ion:	180	Resp:	17533
Ion Ratio	Lower	Upper	
180	100		
182	89.9	46.6	139.7
145	30.3	16.7	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2022

Supervised By :Mahesh Dadoda 10/24/2022



#94

Hexachlorobutadiene

Concen: 18.401 ug/l

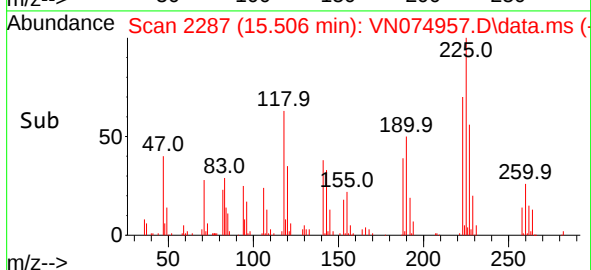
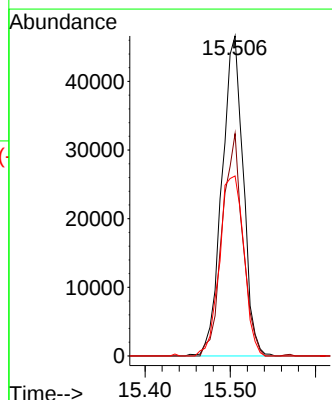
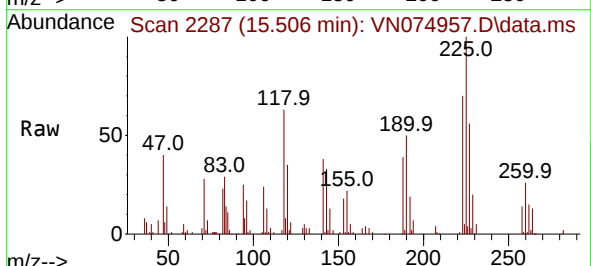
RT: 15.506 min Scan# 2287

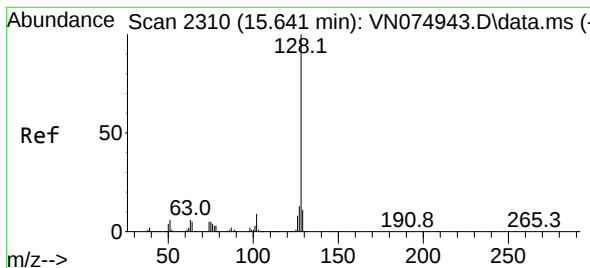
Delta R.T. 0.006 min

Lab File: VN074957.D

Acq: 21 Oct 2022 13:23

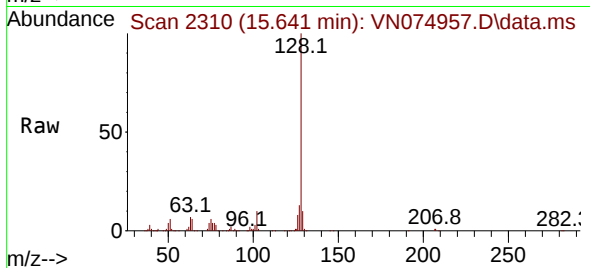
Tgt Ion:	225	Resp:	81029
Ion Ratio	Lower	Upper	
225	100		
223	67.0	31.9	95.5
227	64.0	31.4	94.0





#95
Naphthalene
Concen: 19.606 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23

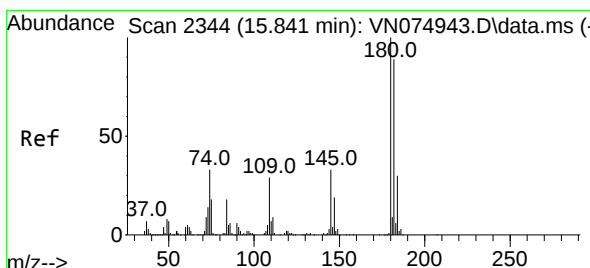
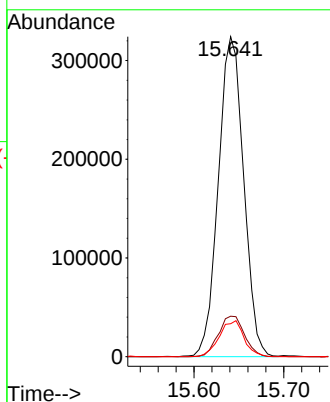
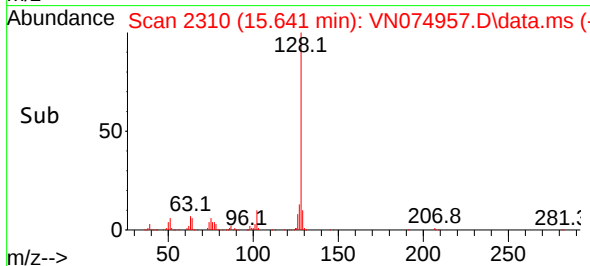
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBSD01



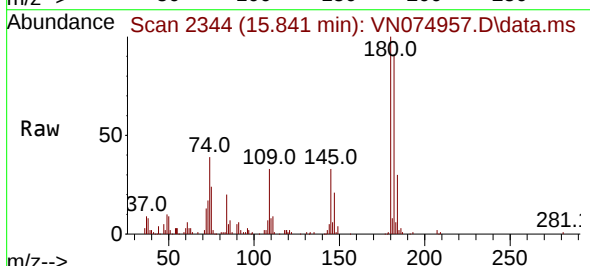
Tgt Ion:128 Resp: 63554
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.290 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074957.D
Acq: 21 Oct 2022 13:23



Tgt Ion:180 Resp: 165585
Ion Ratio Lower Upper
180 100
182 95.7 46.7 140.1
145 33.6 17.2 51.5

