

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075458.D
 Acq On : 28 Nov 2022 18:59
 Operator : JC\MD
 Sample : N5756-11MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW181S-20221117MSD

Quant Time: Nov 29 05:33:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/29/2022
 Supervised By : Mahesh Dadoda 11/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	155167	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	243947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	41171	49.430	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.860%		
35) Dibromofluoromethane	8.171	113	51888	54.146	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.300%		
50) Toluene-d8	10.571	98	116515	53.983	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.960%		
62) 4-Bromofluorobenzene	12.847	95	85363	53.583	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	54130	45.622	ug/l	99
3) Chloromethane	2.371	50	62690	42.463	ug/l	99
4) Vinyl Chloride	2.524	62	87035	46.777	ug/l	96
5) Bromomethane	2.930	94	85163	52.049	ug/l	99
6) Chloroethane	3.112	64	67325	47.753	ug/l	95
7) Trichlorofluoromethane	3.501	101	121036	45.535	ug/l	97
8) Diethyl Ether	3.971	74	45533	48.874	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	69943	47.664	ug/l	91
10) Methyl Iodide	4.595	142	113373	47.680	ug/l	95
11) Tert butyl alcohol	5.542	59	79788	228.195	ug/l	99
12) 1,1-Dichloroethene	4.353	96	67232	46.789	ug/l	92
13) Acrolein	4.189	56	87566	287.478	ug/l	98
14) Allyl chloride	5.042	41	77586	41.743	ug/l	94
15) Acrylonitrile	5.730	53	197066	245.660	ug/l	98
16) Acetone	4.442	43	153984	198.202	ug/l	94
17) Carbon Disulfide	4.718	76	151730	40.631	ug/l	99
18) Methyl Acetate	5.036	43	95269	48.606	ug/l	94
19) Methyl tert-butyl Ether	5.812	73	239834	47.116	ug/l	97
20) Methylene Chloride	5.289	84	76465	48.498	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	72962	44.555	ug/l	94
22) Diisopropyl ether	6.683	45	196570	46.344	ug/l	97
23) Vinyl Acetate	6.612	43	761469m	225.661	ug/l	
24) 1,1-Dichloroethane	6.577	63	128132	47.064	ug/l	98
25) 2-Butanone	7.489	43	247070	227.786	ug/l	98
26) 2,2-Dichloropropane	7.500	77	105583	41.728	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	91239	49.273	ug/l	91
28) Bromochloromethane	7.824	49	52735	47.719	ug/l	# 81
29) Tetrahydrofuran	7.847	42	162278	245.965	ug/l	97
30) Chloroform	7.971	83	146477	46.851	ug/l	94
31) Cyclohexane	8.265	56	109699	41.454	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	134321	47.317	ug/l	97
36) 1,1-Dichloropropene	8.377	75	101763	48.694	ug/l	96
37) Ethyl Acetate	7.571	43	91627	48.692	ug/l	98
38) Carbon Tetrachloride	8.365	117	119326	51.978	ug/l	99
39) Methylcyclohexane	9.606	83	129946	49.683	ug/l	98
40) Benzene	8.612	78	316745	49.503	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	50975	52.986	ug/l	97
42) 1,2-Dichloroethane	8.677	62	106427	49.664	ug/l	95
43) Isopropyl Acetate	8.694	43	154501	51.152	ug/l	96
44) Trichloroethene	9.359	130	87679	50.080	ug/l	93
45) 1,2-Dichloropropane	9.624	63	76741	50.329	ug/l	98
46) Dibromomethane	9.712	93	59019	51.173	ug/l	90
47) Bromodichloromethane	9.894	83	112702	50.461	ug/l	98
48) Methyl methacrylate	9.683	41	74020	52.999	ug/l	96
49) 1,4-Dioxane	9.694	88	40774	1028.134	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	511145	265.698	ug/l	97
52) Toluene	10.630	92	210550	51.064	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	116985	52.174	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	123089	50.545	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	86888	51.739	ug/l	98
56) Ethyl methacrylate	10.877	69	124323	54.818	ug/l	97
57) 1,3-Dichloropropane	11.165	76	138427	50.553	ug/l	100
59) 2-Hexanone	11.194	43	383160	265.240	ug/l	96
60) Dibromochloromethane	11.359	129	96048	55.719	ug/l	99
61) 1,2-Dibromoethane	11.471	107	89604	51.406	ug/l	98
64) Tetrachloroethene	11.106	164	82830	47.676	ug/l	95
65) Chlorobenzene	11.894	112	228355	48.603	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	89307	50.930	ug/l	98
67) Ethyl Benzene	11.965	91	406694	50.738	ug/l	98
68) m/p-Xylenes	12.071	106	331604	101.873	ug/l	100
69) o-Xylene	12.400	106	165687	51.231	ug/l	94
70) Styrene	12.412	104	268696	52.666	ug/l	98
71) Bromoform	12.582	173	72903	54.626	ug/l #	98
73) Isopropylbenzene	12.700	105	424047	50.345	ug/l	99
74) N-amyl acetate	12.494	43	131962	50.961	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	132842	51.731	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	113833m	52.222	ug/l	
77) Bromobenzene	12.982	156	103961	49.995	ug/l	85
78) n-propylbenzene	13.035	91	481323	51.205	ug/l	99
79) 2-Chlorotoluene	13.129	91	287065	50.685	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	364451	52.081	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	42800	58.096	ug/l	84
82) 4-Chlorotoluene	13.129	91	287065	50.685	ug/l	97
83) tert-Butylbenzene	13.441	119	323471	50.698	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	364246	51.893	ug/l	100
85) sec-Butylbenzene	13.618	105	457601	52.858	ug/l	99
86) p-Isopropyltoluene	13.729	119	387330	53.177	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	196561	49.890	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	194481	48.594	ug/l	99
89) n-Butylbenzene	14.059	91	305007	49.580	ug/l	98
90) Hexachloroethane	14.335	117	65740	52.318	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	196817	51.249	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25999	53.448	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	98163	49.878	ug/l	98
94) Hexachlorobutadiene	15.506	225	50379	49.144	ug/l	99
95) Naphthalene	15.641	128	325493	52.571	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	97791	50.556	ug/l	99

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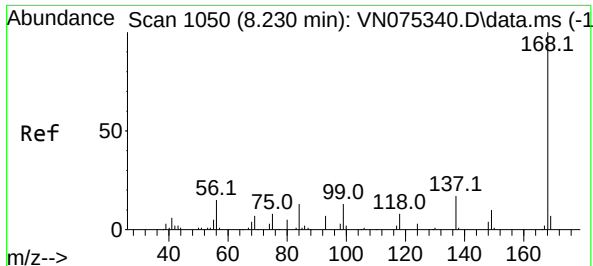
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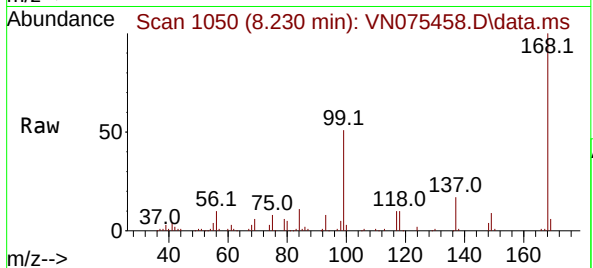
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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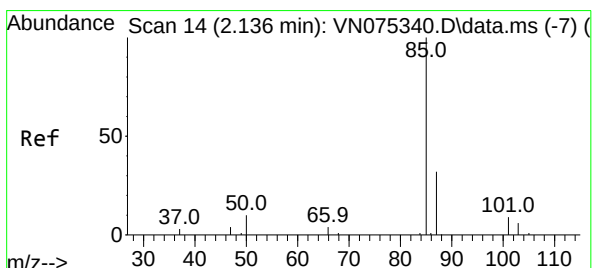
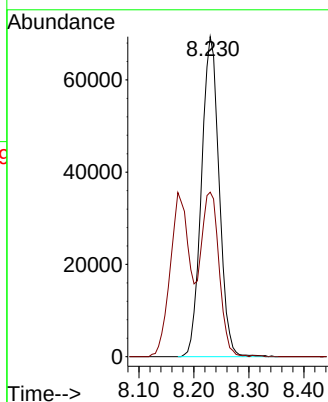
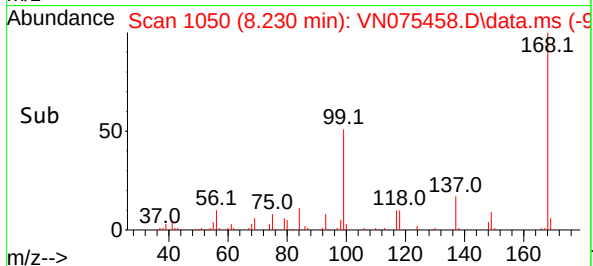
Instrument : MSVOA_N
ClientSampleId : MW181S-20221117MSD



Tgt Ion:168 Resp: 15516
Ion Ratio Lower Upper
168 100
99 51.4 51.6 77.4

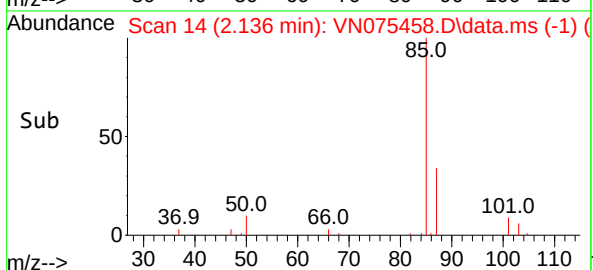
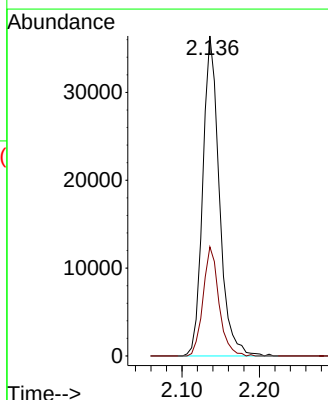
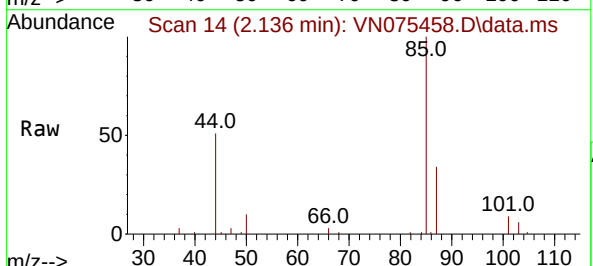
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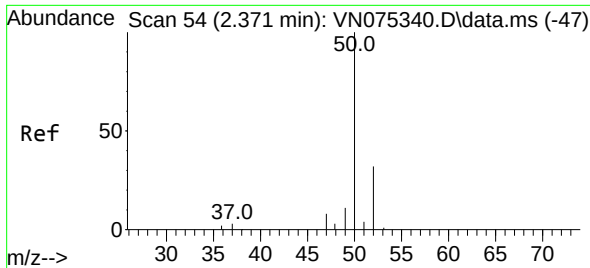
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#2
Dichlorodifluoromethane
Concen: 45.622 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Tgt Ion: 85 Resp: 54130
Ion Ratio Lower Upper
85 100
87 34.1 16.7 50.0





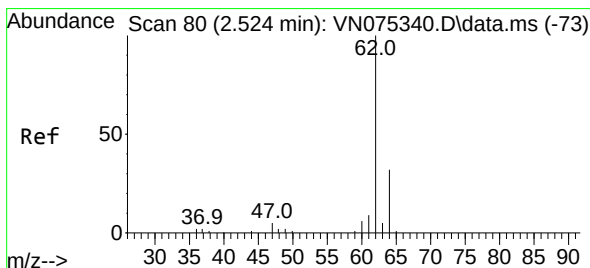
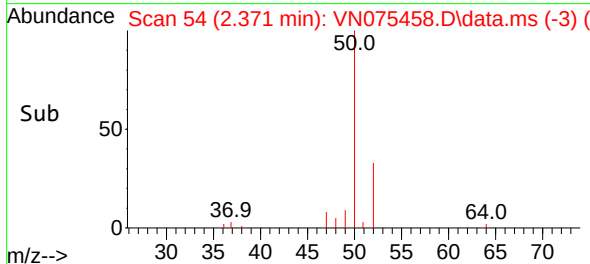
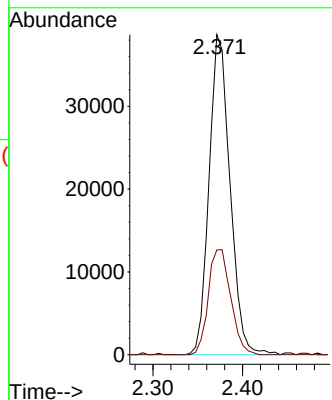
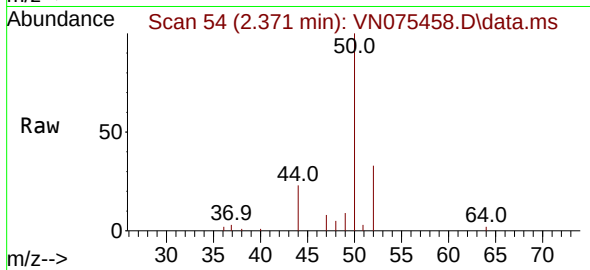
#3
Chloromethane
Concen: 42.463 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075458.D
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Tgt Ion: 50 Resp: 62690
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.6

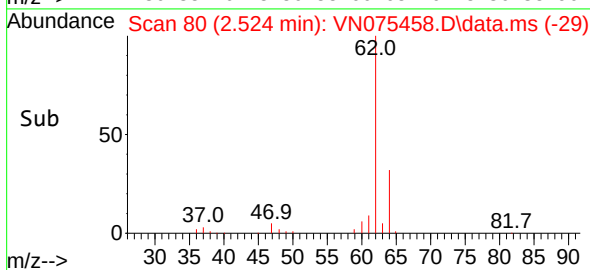
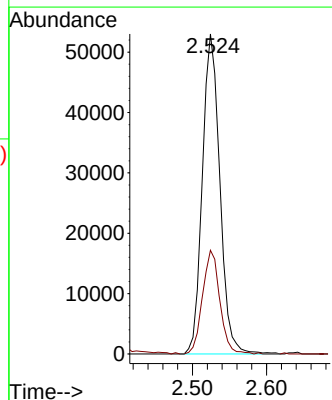
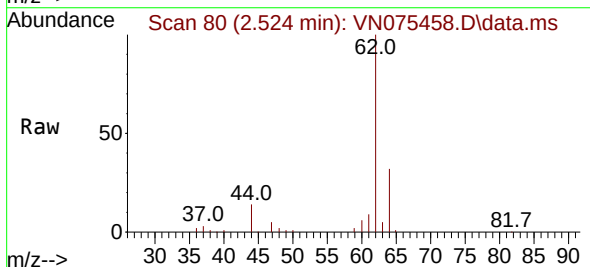
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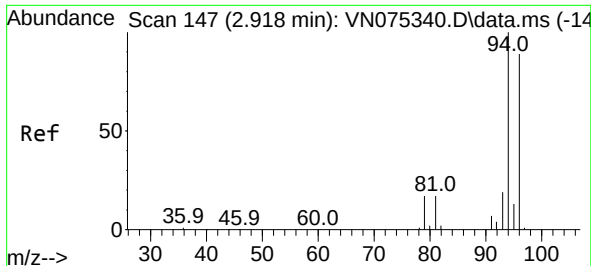
Reviewed By :John Carlone 11/29/2022
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#4
Vinyl Chloride
Concen: 46.777 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

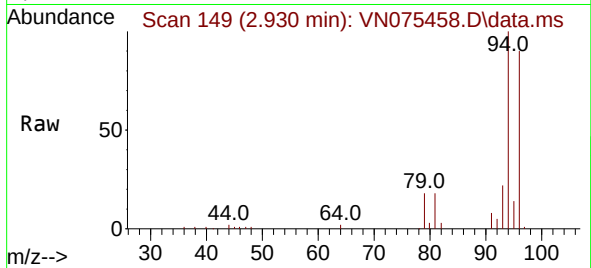
Tgt Ion: 62 Resp: 87035
Ion Ratio Lower Upper
62 100
64 32.4 24.0 36.0





#5
Bromomethane
Concen: 52.049 ug/l
RT: 2.930 min Scan# 147
Delta R.T. 0.012 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

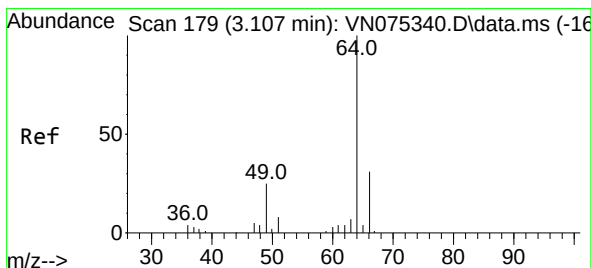
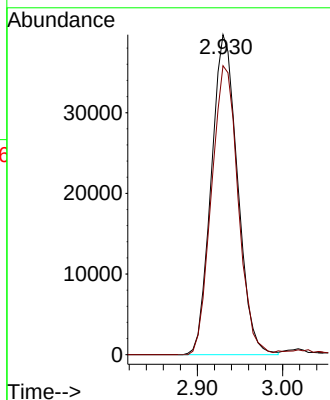
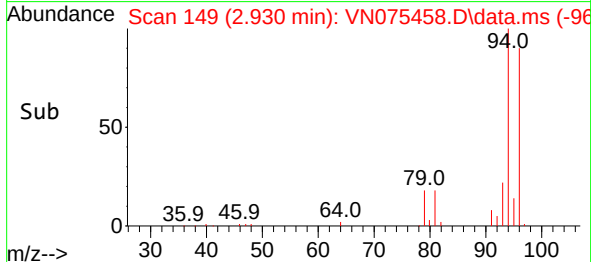
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Tgt Ion: 94 Resp: 8516
Ion Ratio Lower Upper
94 100
96 90.3 71.8 107.6

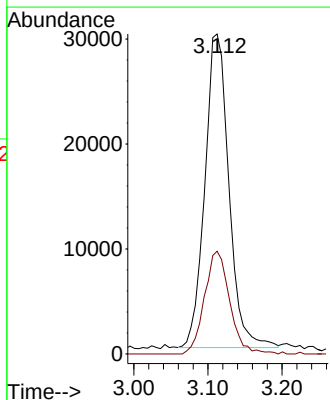
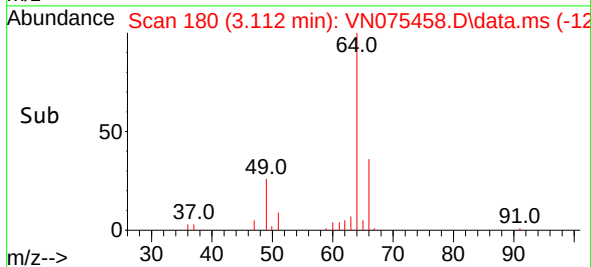
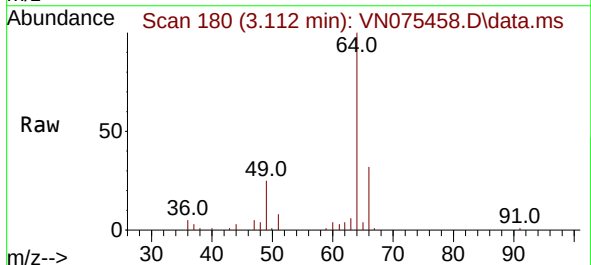
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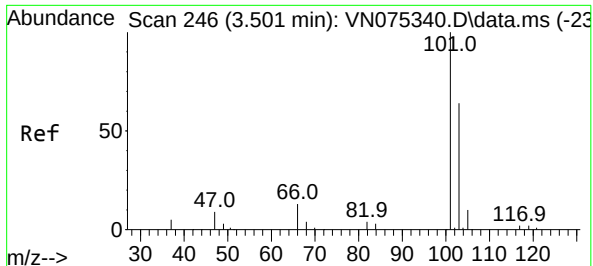
Reviewed By :John Carlone 11/29/2022
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#6
Chloroethane
Concen: 47.753 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075458.D
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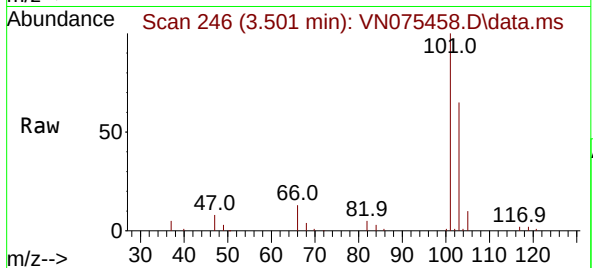
Tgt Ion: 64 Resp: 67325
Ion Ratio Lower Upper
64 100
66 32.8 23.8 35.8





#7
Trichlorofluoromethane
Concen: 45.535 ug/l
RT: 3.501 min Scan# 246
Delta R.T. -0.000 min
Lab File: VN075458.D
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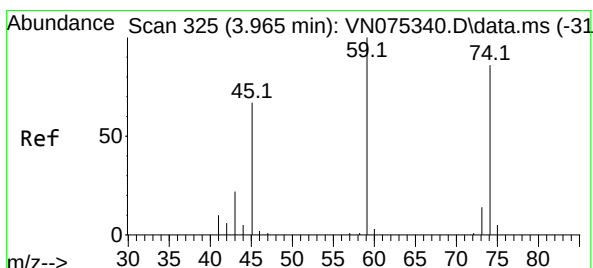
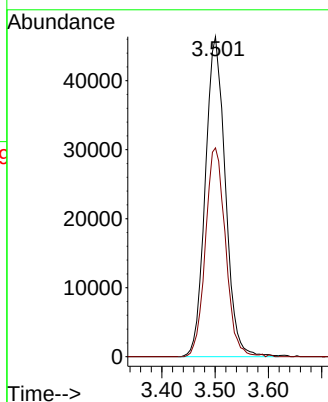
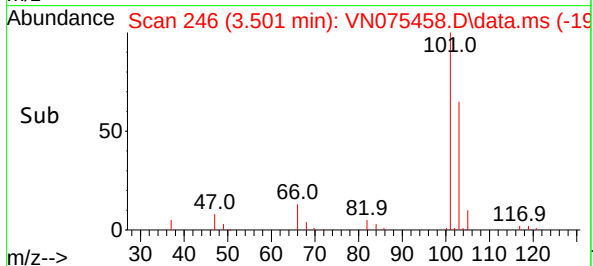
Instrument :
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Tgt Ion:101 Resp: 121036
Ion Ratio Lower Upper
101 100
103 65.3 50.5 75.7

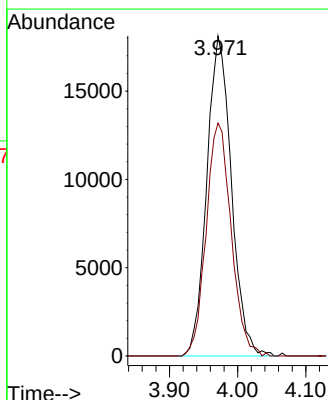
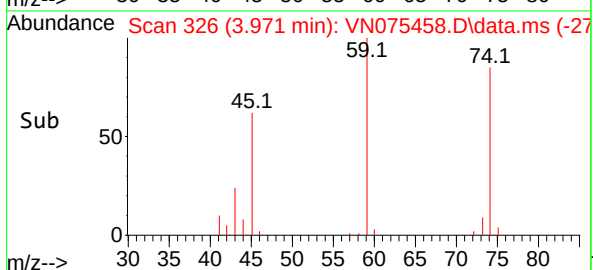
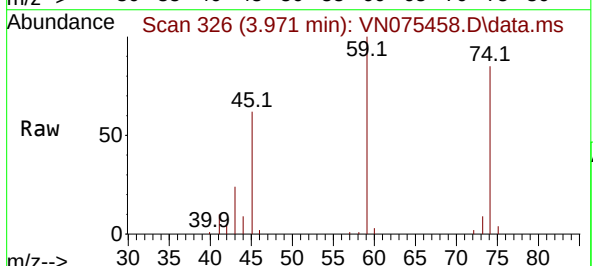
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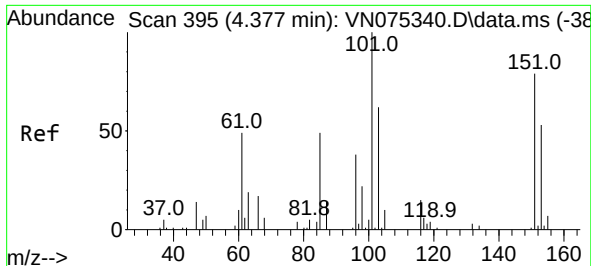
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#8
Diethyl Ether
Concen: 48.874 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
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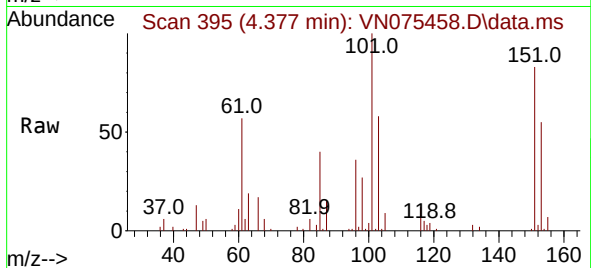
Tgt Ion: 74 Resp: 45533
Ion Ratio Lower Upper
74 100
45 74.0 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.664 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN075458.D
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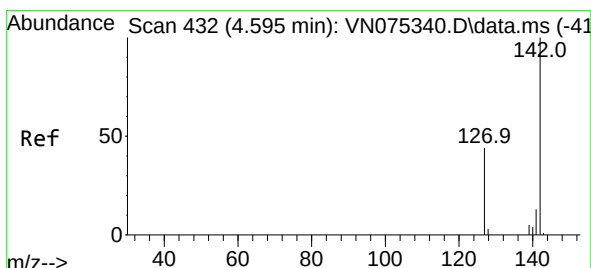
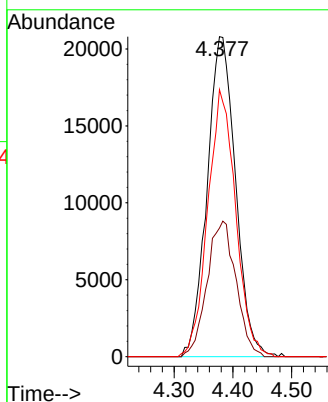
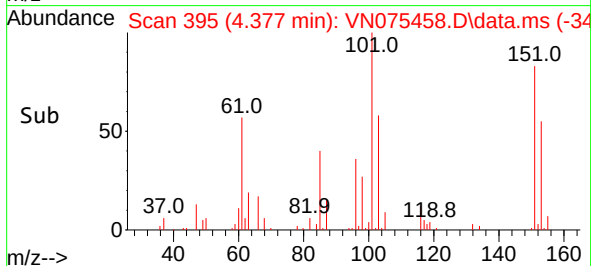
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ClientSampleId :
MW181S-20221117MSD



Tgt Ion:101 Resp: 6994
Ion Ratio Lower Upper
101 100
85 43.1 37.6 56.4
151 81.9 58.3 87.5

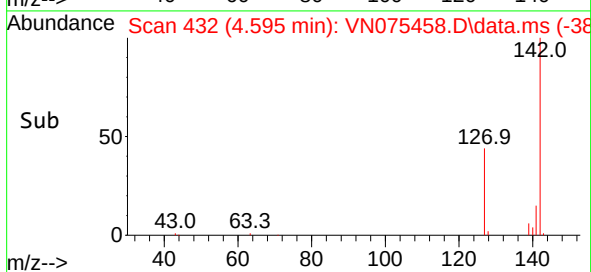
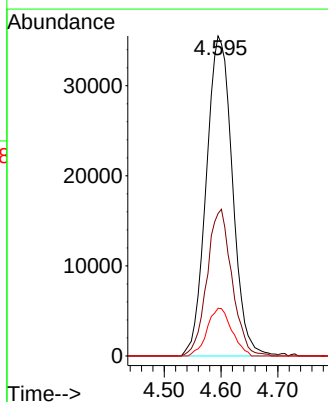
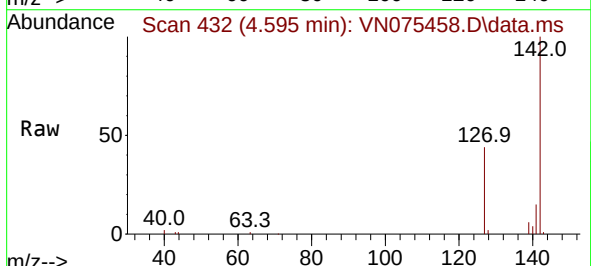
Manual Integrations
APPROVED

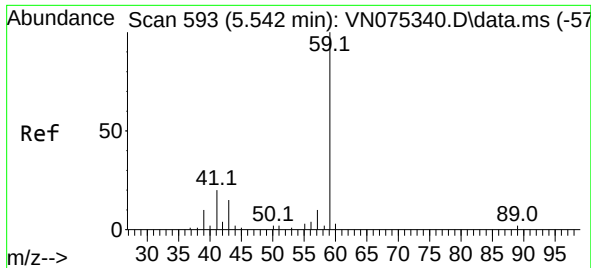
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#10
Methyl Iodide
Concen: 47.680 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Tgt Ion:142 Resp: 113373
Ion Ratio Lower Upper
142 100
127 43.8 38.0 57.0
141 14.1 12.2 18.4





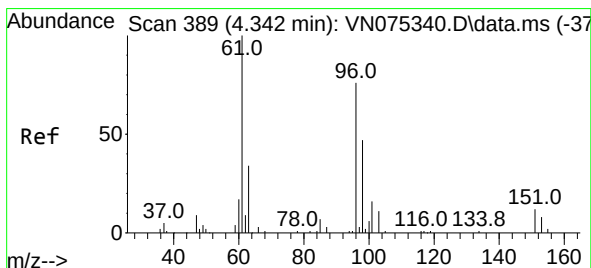
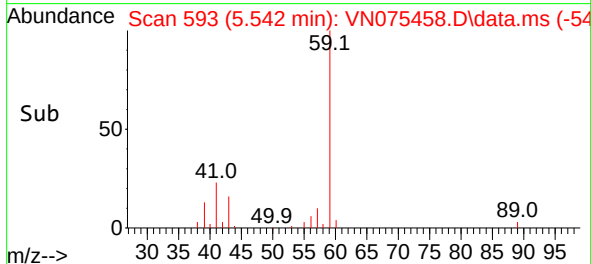
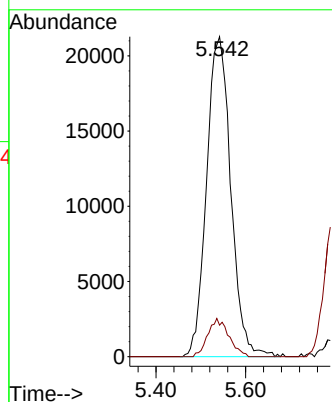
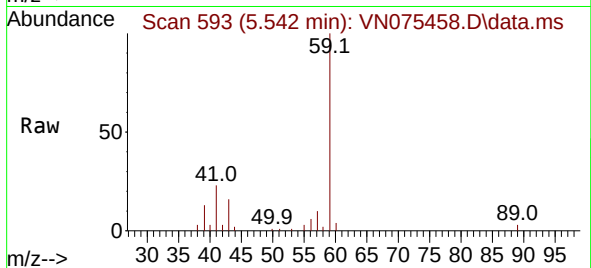
#11
Tert butyl alcohol
Concen: 228.195 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD

Tgt Ion: 59 Resp: 79788
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

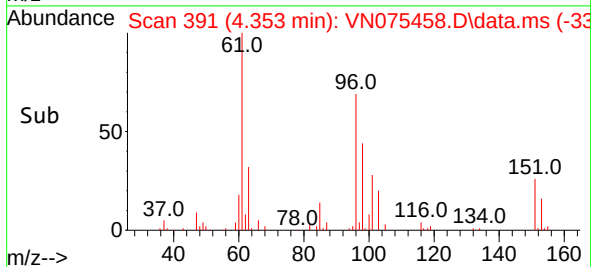
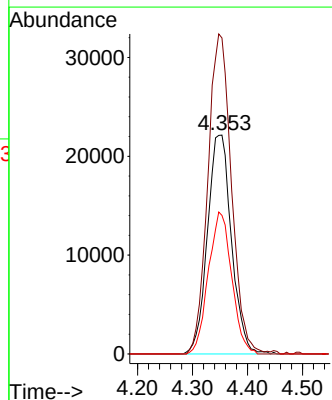
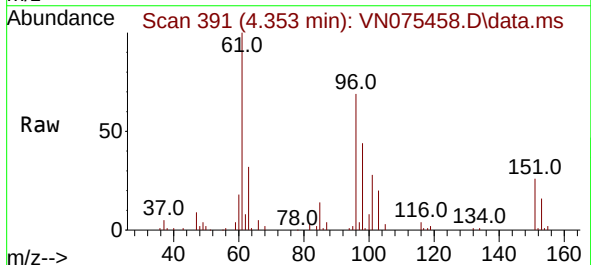
Manual Integrations
APPROVED

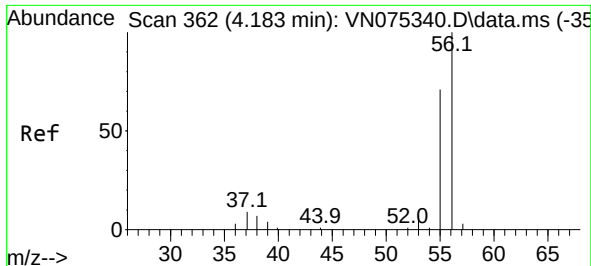
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#12
1,1-Dichloroethene
Concen: 46.789 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.011 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

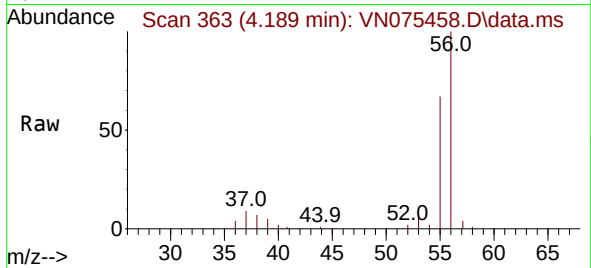
Tgt Ion: 96 Resp: 67232
Ion Ratio Lower Upper
96 100
61 144.3 126.2 189.4
98 63.3 51.5 77.3





#13
Acrolein
Concen: 287.478 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

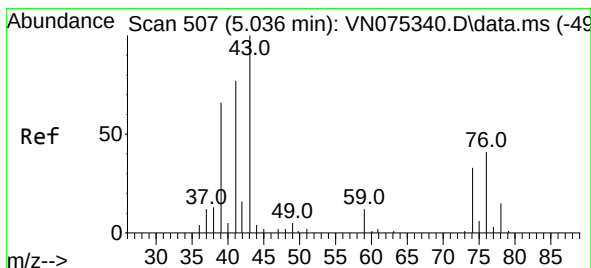
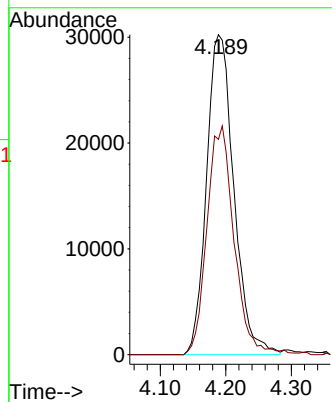
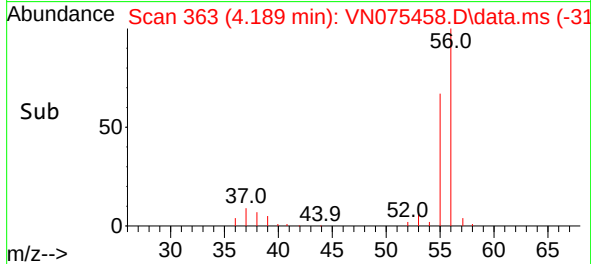
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



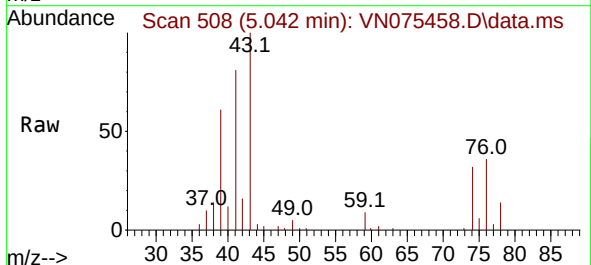
Tgt Ion: 56 Resp: 8756
Ion Ratio Lower Upper
56 100
55 71.0 55.2 82.8

Manual Integrations
APPROVED

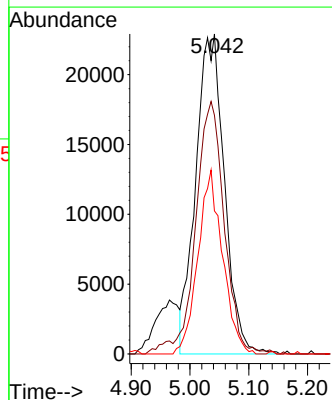
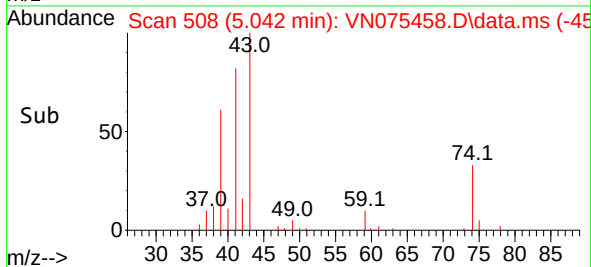
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

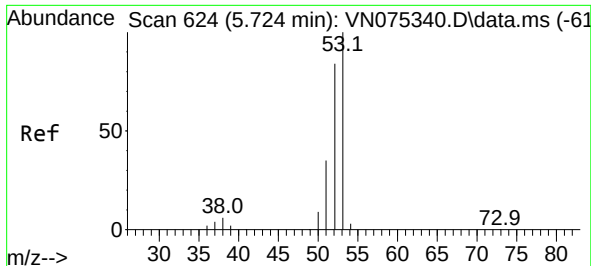


#14
Allyl chloride
Concen: 41.743 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59



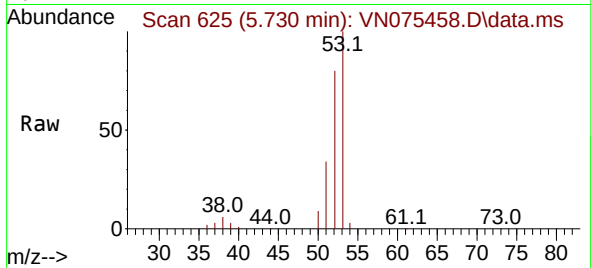
Tgt Ion: 41 Resp: 77586
Ion Ratio Lower Upper
41 100
39 78.7 61.0 91.4
76 49.4 33.4 50.0





#15
Acrylonitrile
Concen: 245.660 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

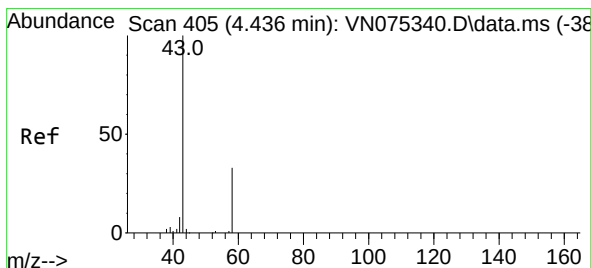
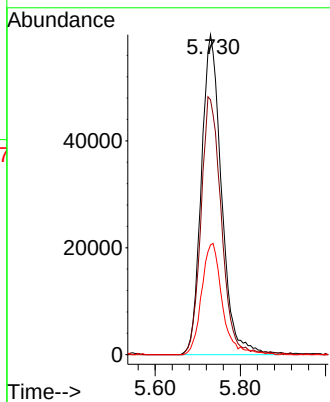
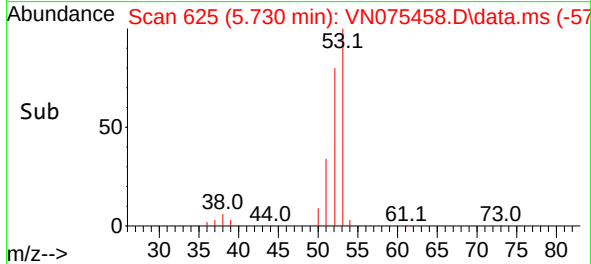
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



Tgt Ion: 53 Resp: 197060
Ion Ratio Lower Upper
53 100
52 81.2 66.4 99.6
51 35.5 29.6 44.4

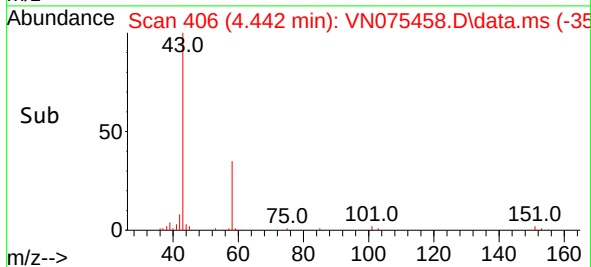
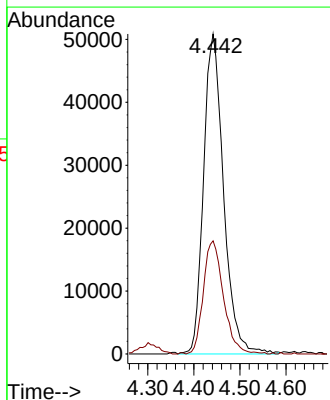
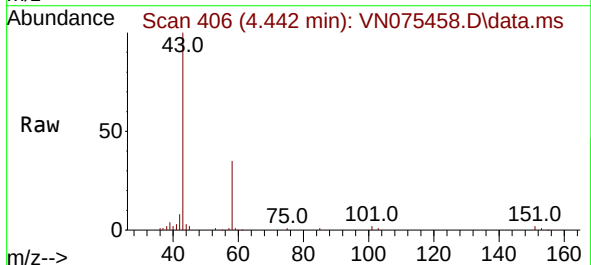
Manual Integrations
APPROVED

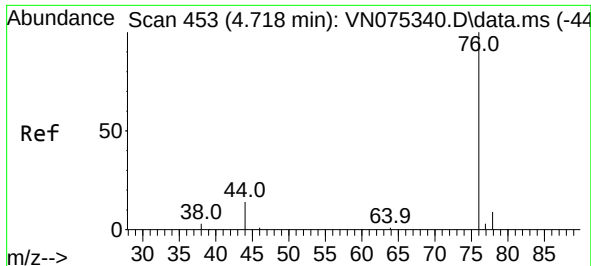
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#16
Acetone
Concen: 198.202 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

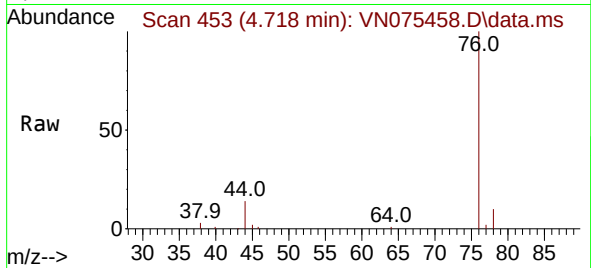
Tgt Ion: 43 Resp: 153984
Ion Ratio Lower Upper
43 100
58 35.4 25.5 38.3





#17
Carbon Disulfide
Concen: 40.631 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

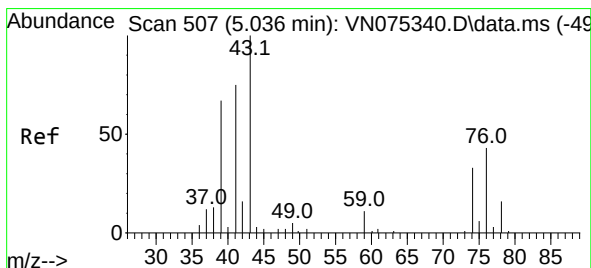
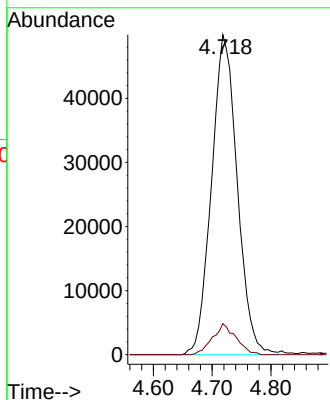
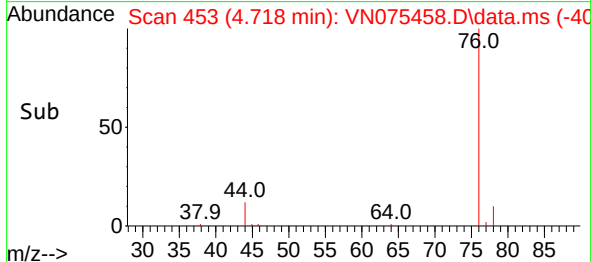
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



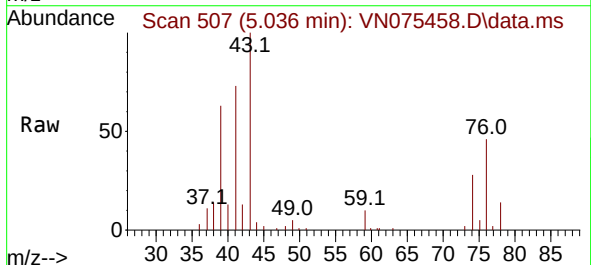
Tgt Ion: 76 Resp: 151730
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

Manual Integrations
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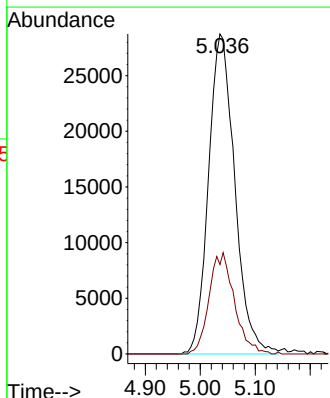
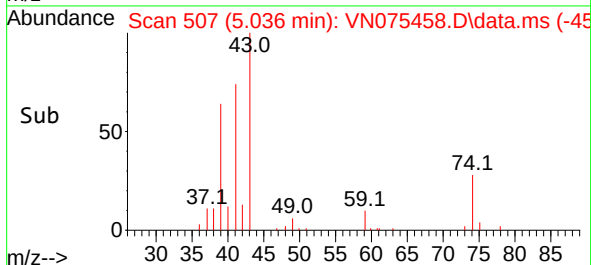
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

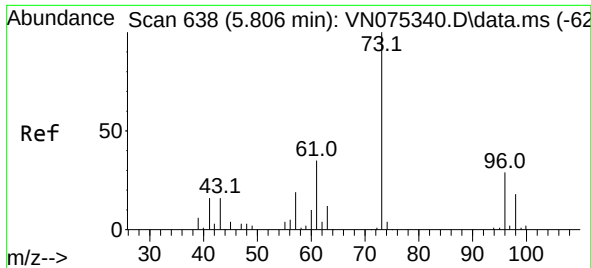


#18
Methyl Acetate
Concen: 48.606 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59



Tgt Ion: 43 Resp: 95269
Ion Ratio Lower Upper
43 100
74 30.5 22.0 33.0





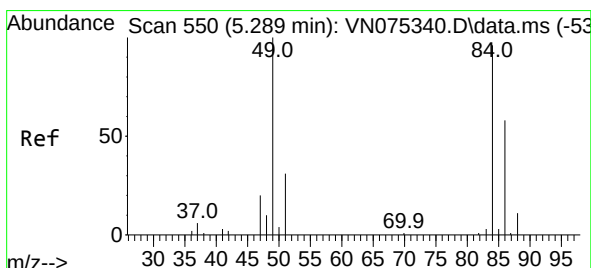
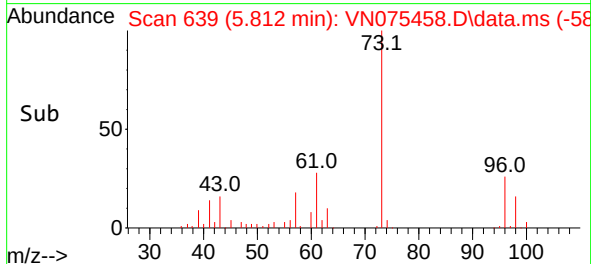
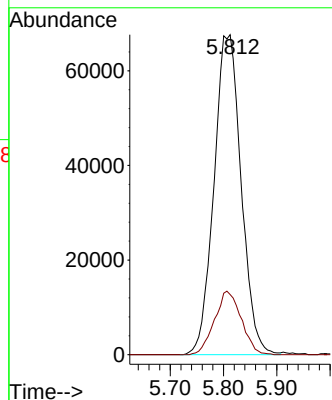
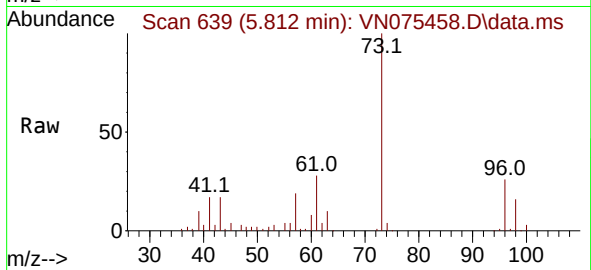
#19
Methyl tert-butyl Ether
Concen: 47.116 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD

Tgt Ion: 73 Resp: 239834
Ion Ratio Lower Upper
73 100
57 18.8 16.3 24.5

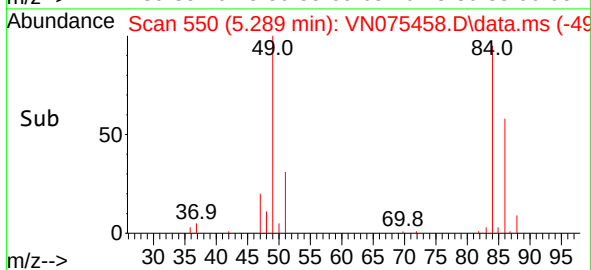
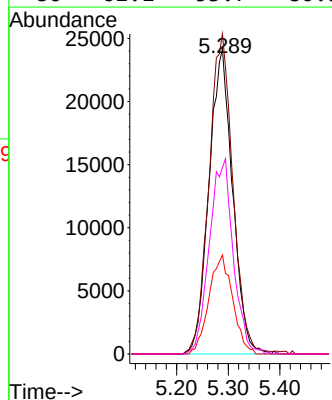
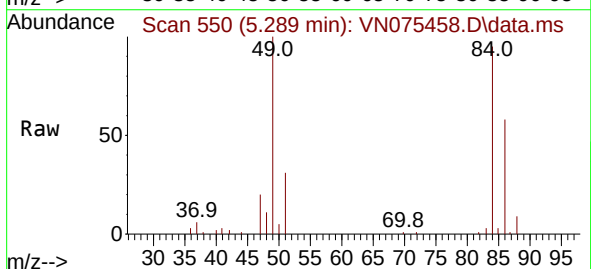
Manual Integrations
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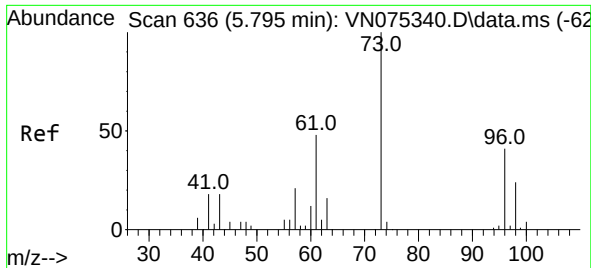
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#20
Methylene Chloride
Concen: 48.498 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

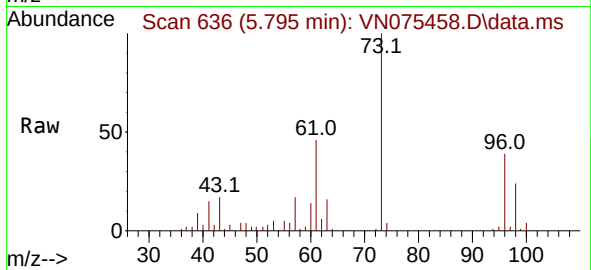
Tgt Ion: 84 Resp: 76465
Ion Ratio Lower Upper
84 100
49 104.9 94.9 142.3
51 32.5 26.8 40.2
86 61.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 44.555 ug/l
RT: 5.795 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

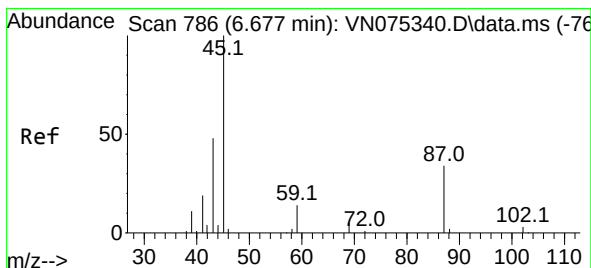
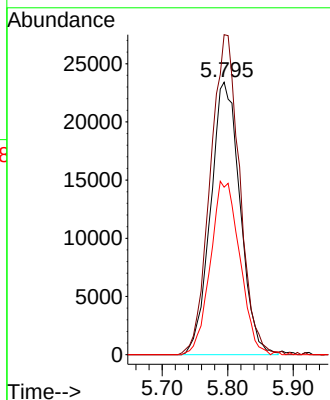
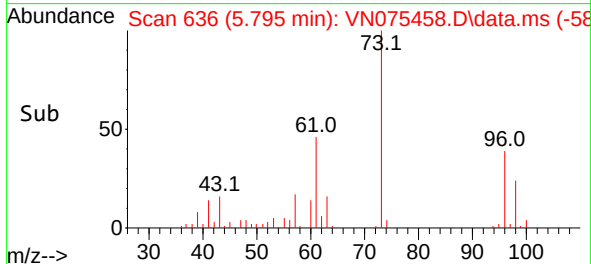
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



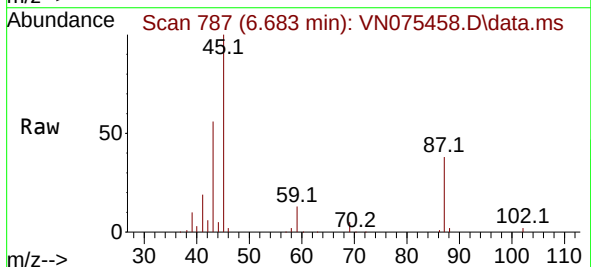
Tgt Ion: 96 Resp: 72962
Ion Ratio Lower Upper
96 100
61 117.4 99.9 149.9
98 61.5 51.5 77.3

Manual Integrations
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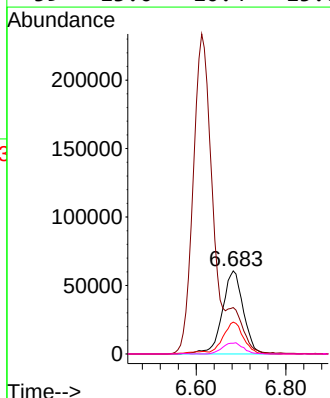
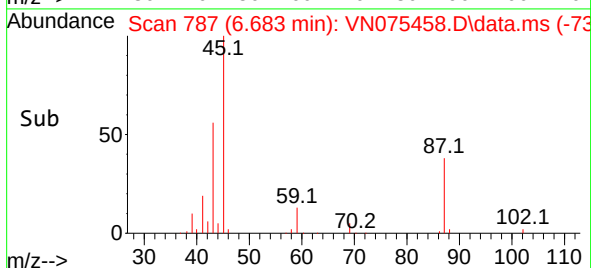
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

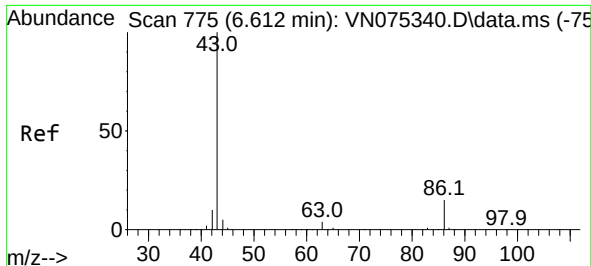


#22
Diisopropyl ether
Concen: 46.344 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59



Tgt Ion: 45 Resp: 196570
Ion Ratio Lower Upper
45 100
43 54.8 42.8 64.2
87 38.4 28.4 42.6
59 13.0 10.4 15.6





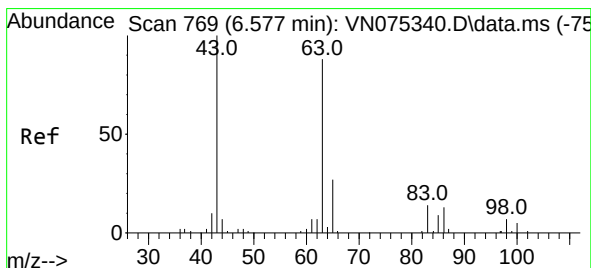
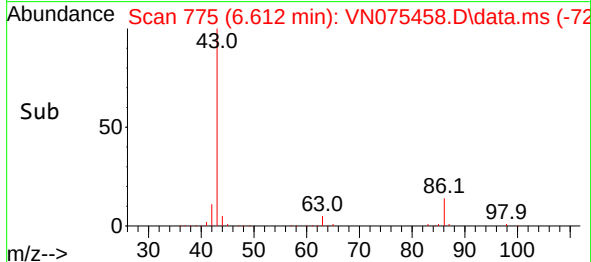
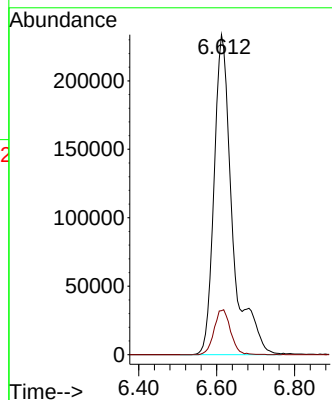
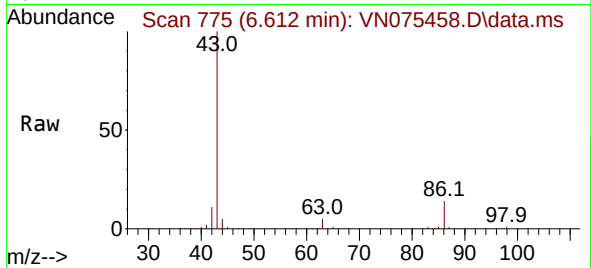
#23
 Vinyl Acetate
 Concen: 225.661 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075458.D
 Acq: 28 Nov 2022 18:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW181S-20221117MSD

Tgt Ion: 43 Resp: 761469
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.7 16.1

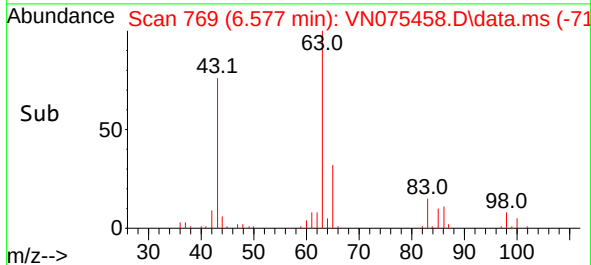
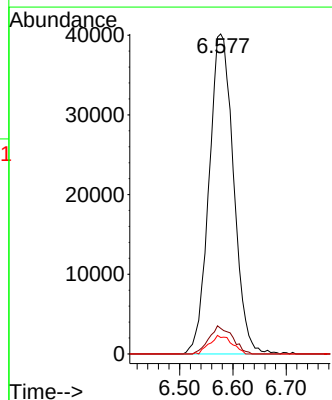
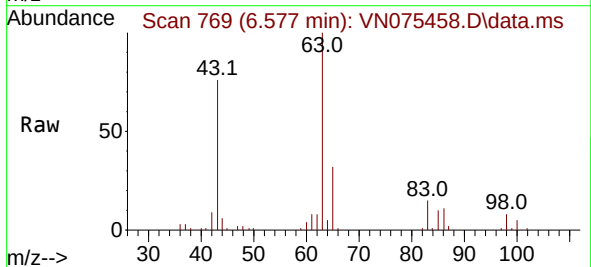
Manual Integrations
 APPROVED

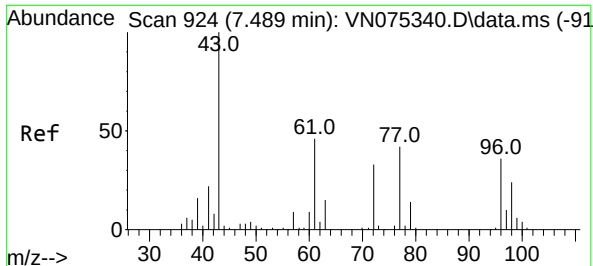
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#24
 1,1-Dichloroethane
 Concen: 47.064 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075458.D
 Acq: 28 Nov 2022 18:59

Tgt Ion: 63 Resp: 128132
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 5.2 2.4 7.2





#25

2-Butanone

Concen: 227.786 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MSD

Tgt Ion: 43 Resp: 247070

Ion Ratio Lower Upper

43 100

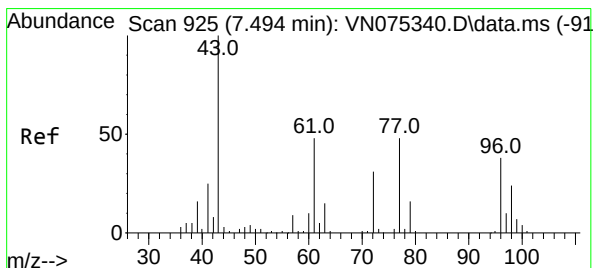
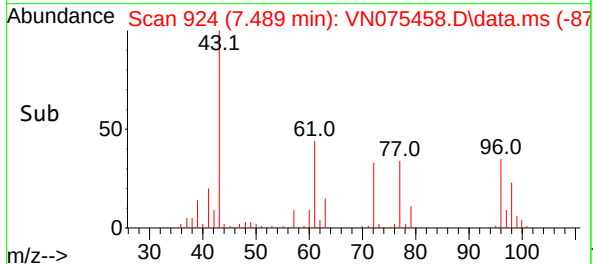
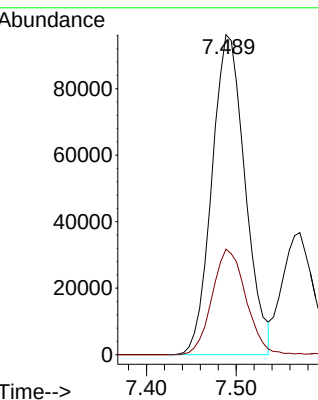
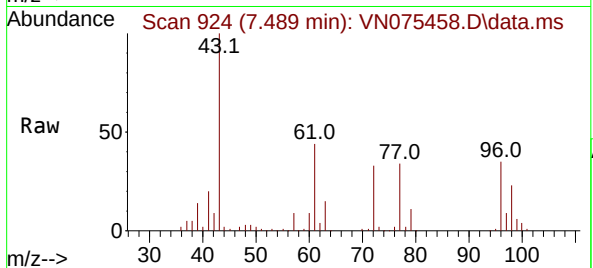
72 32.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#26

2,2-Dichloropropane

Concen: 41.728 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075458.D

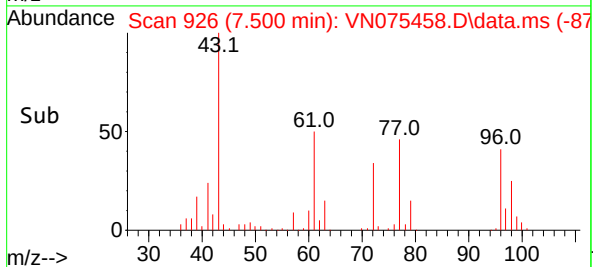
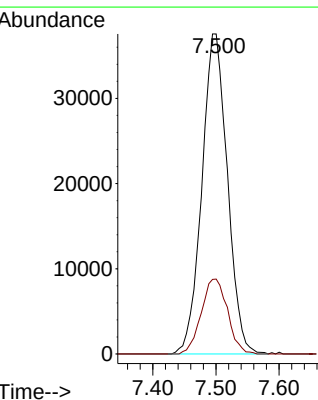
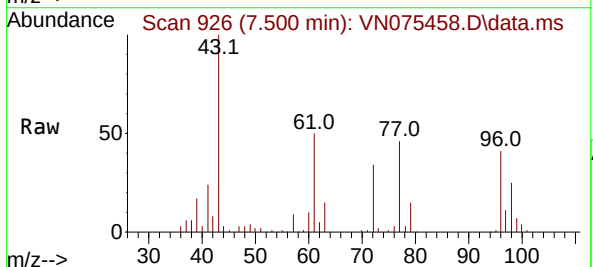
Acq: 28 Nov 2022 18:59

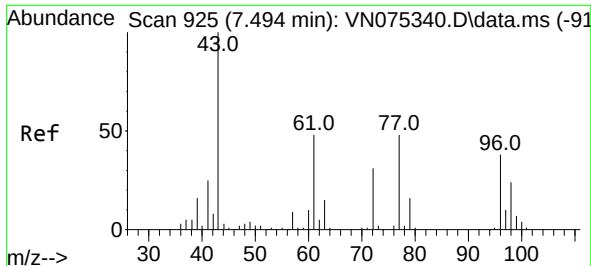
Tgt Ion: 77 Resp: 105583

Ion Ratio Lower Upper

77 100

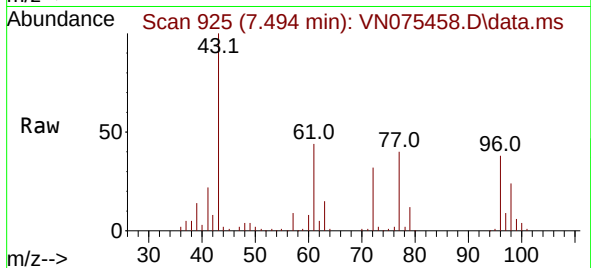
97 24.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.273 ug/l
 RT: 7.494 min Scan# 91235
 Delta R.T. 0.000 min
 Lab File: VN075458.D
 Acq: 28 Nov 2022 18:59

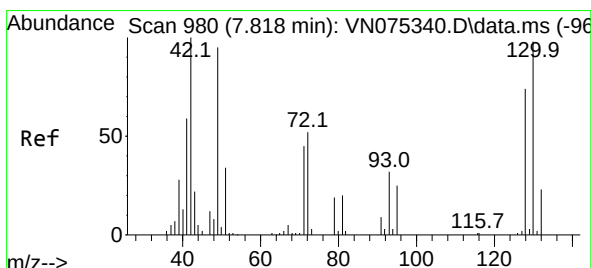
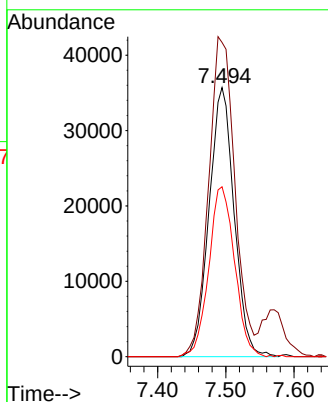
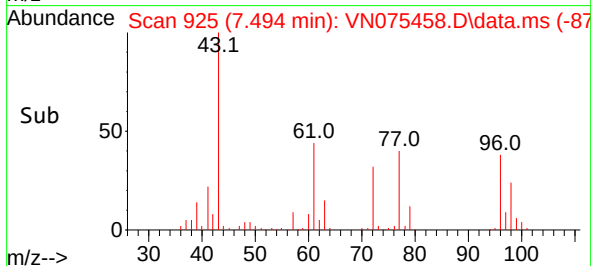
Instrument :
 MSVOA_N
 ClientSampleId :
 MW181S-20221117MSD



Tgt Ion: 96 Resp: 91235
 Ion Ratio Lower Upper
 96 100
 61 124.7 0.0 278.8
 98 65.0 0.0 128.4

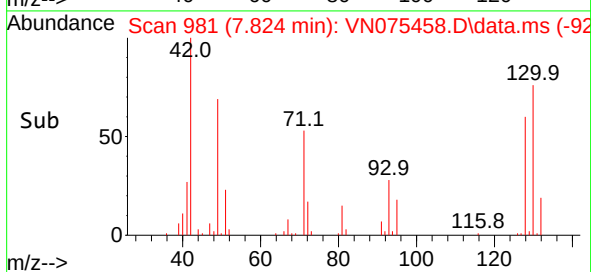
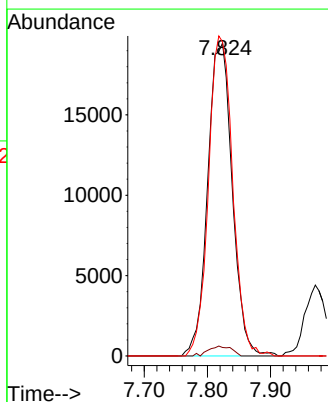
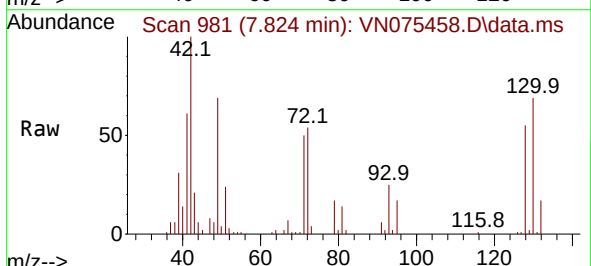
Manual Integrations
 APPROVED

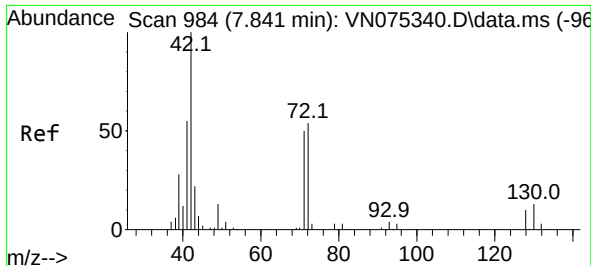
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#28
 Bromochloromethane
 Concen: 47.719 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075458.D
 Acq: 28 Nov 2022 18:59

Tgt Ion: 49 Resp: 52735
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 4.6
 130 100.5 66.2 99.4#





#29

Tetrahydrofuran

Concen: 245.965 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MSD

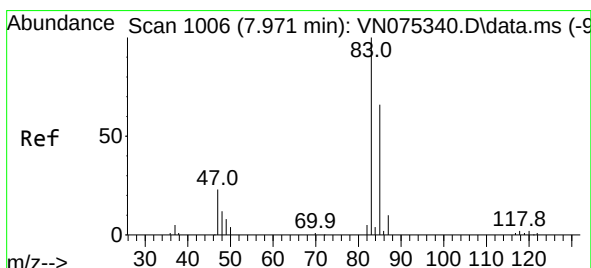
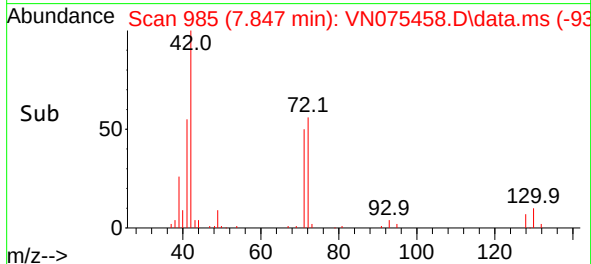
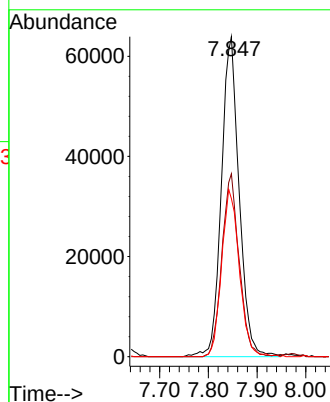
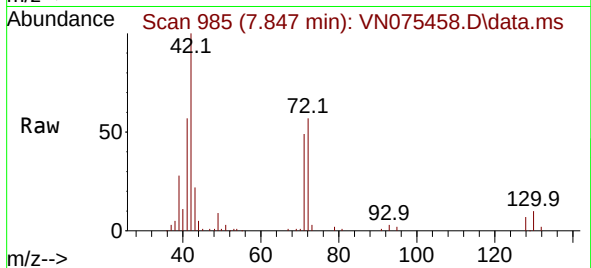
Tgt Ion: 42 Resp: 162278
 Ion Ratio Lower Upper
 42 100
 72 55.6 43.0 64.6
 71 52.2 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#30

Chloroform

Concen: 46.851 ug/l

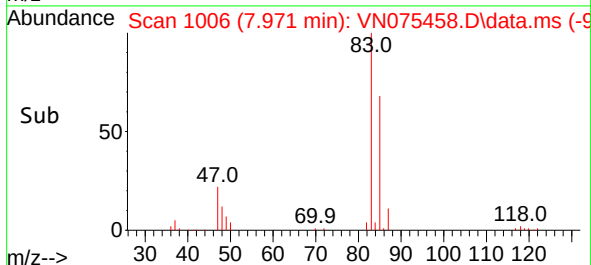
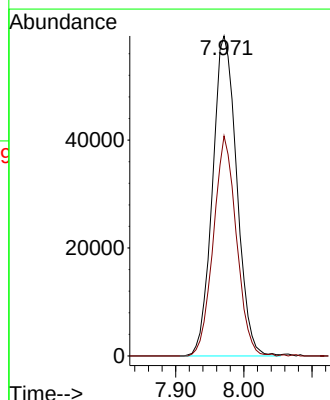
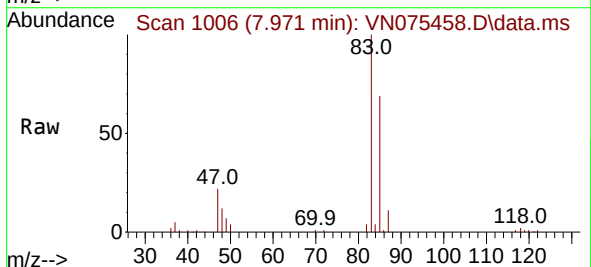
RT: 7.971 min Scan# 1006

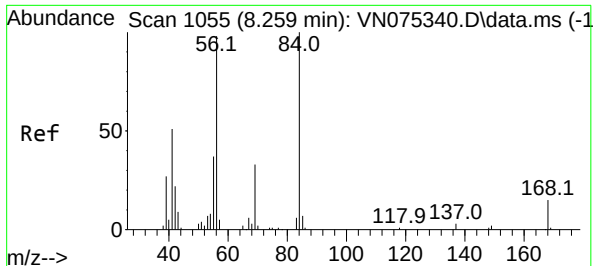
Delta R.T. -0.000 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

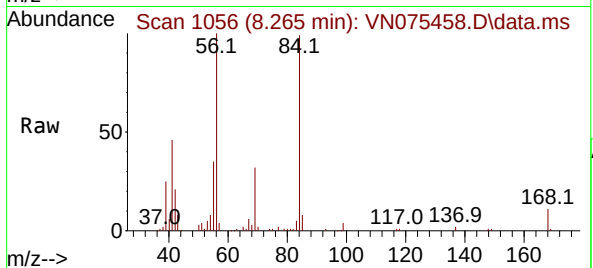
Tgt Ion: 83 Resp: 146477
 Ion Ratio Lower Upper
 83 100
 85 68.8 51.4 77.0





#31
Cyclohexane
Concen: 41.454 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

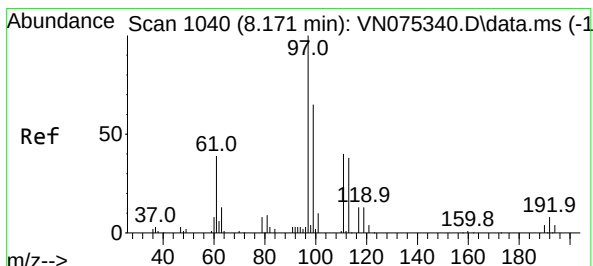
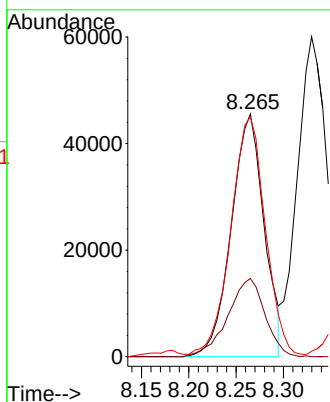
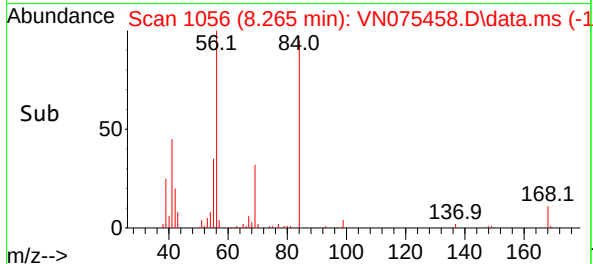
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



Tgt Ion: 56 Resp: 109699
Ion Ratio Lower Upper
56 100
69 32.3 25.2 37.8
84 97.3 77.8 116.8

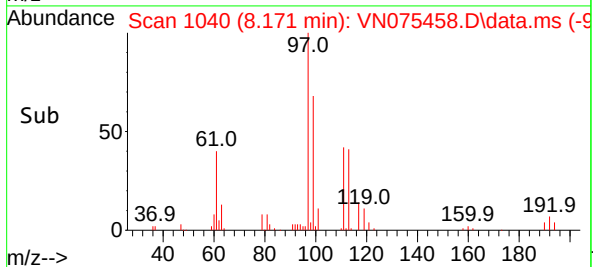
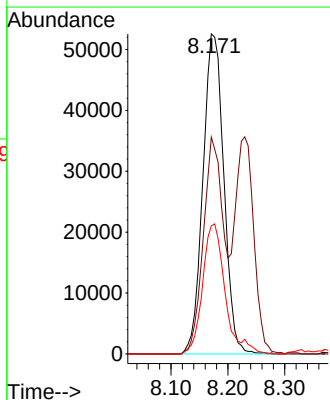
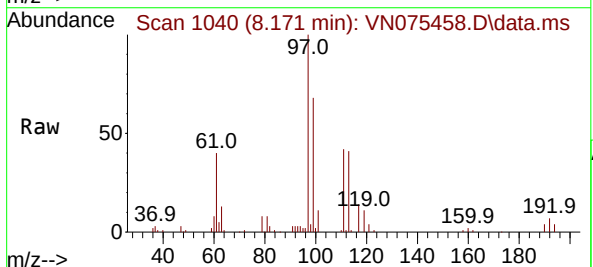
Manual Integrations
APPROVED

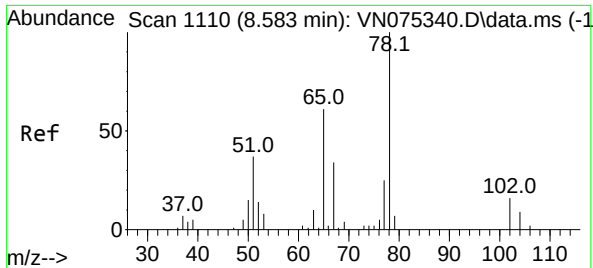
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#32
1,1,1-Trichloroethane
Concen: 47.317 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Tgt Ion: 97 Resp: 134321
Ion Ratio Lower Upper
97 100
99 63.9 50.2 75.2
61 43.6 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 49.430 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MSD

Tgt Ion: 65 Resp: 4117

Ion Ratio Lower Upper

65 100

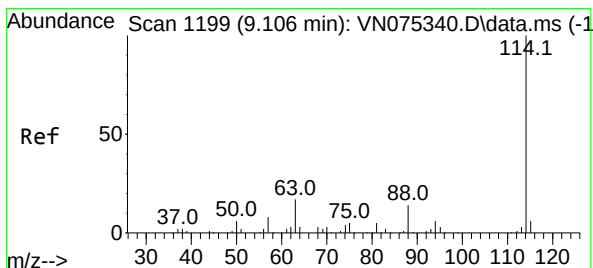
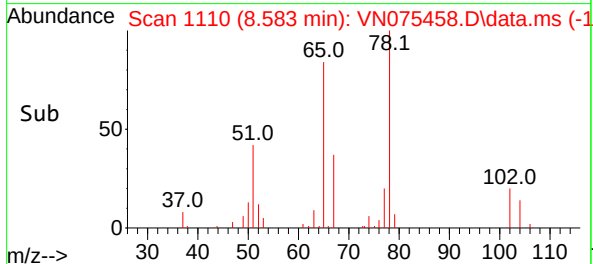
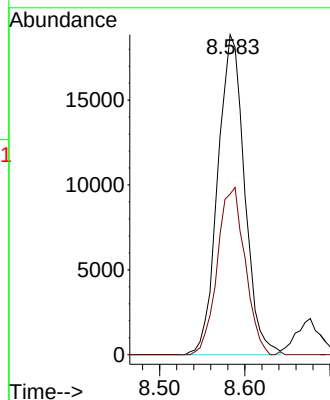
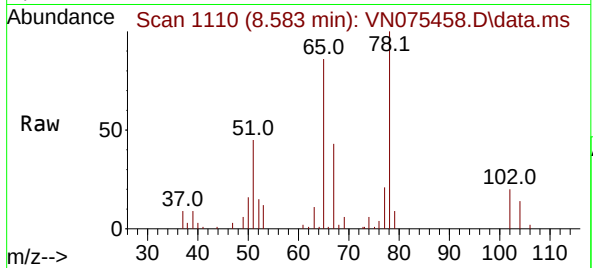
67 54.1 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

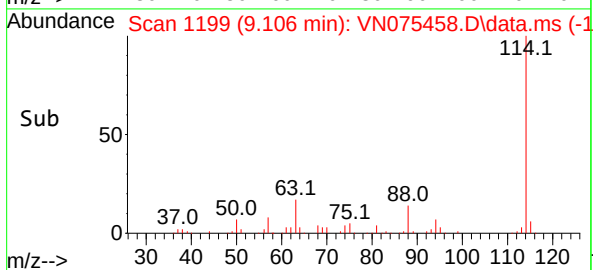
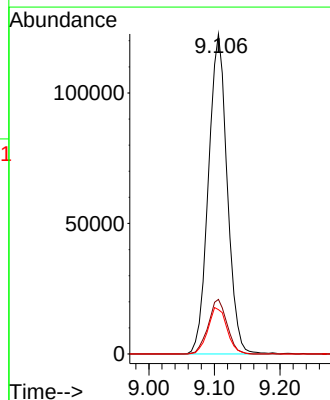
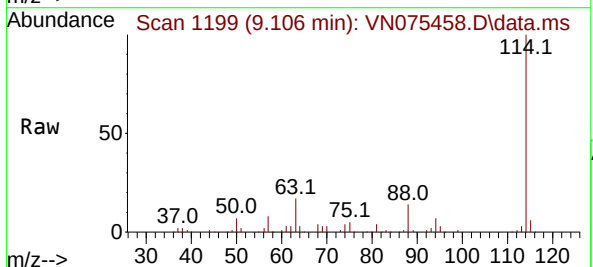
Tgt Ion:114 Resp: 243947

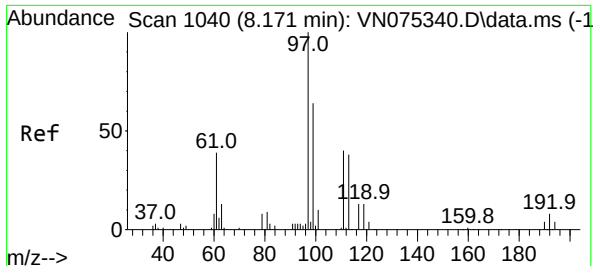
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 13.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 54.146 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MSD

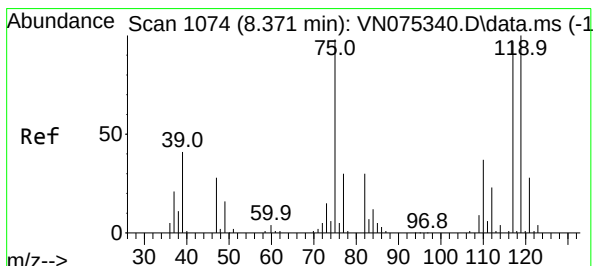
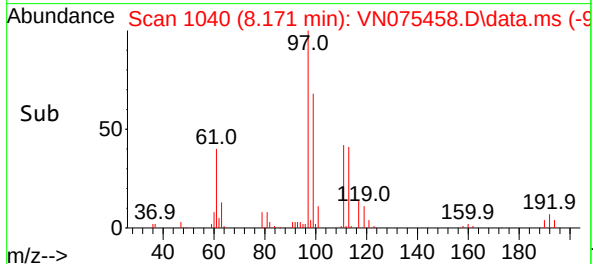
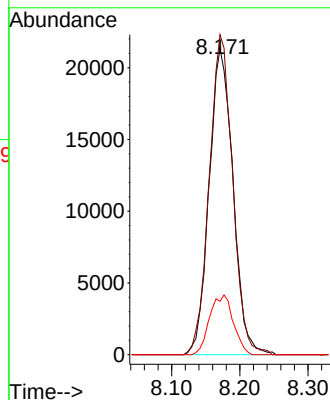
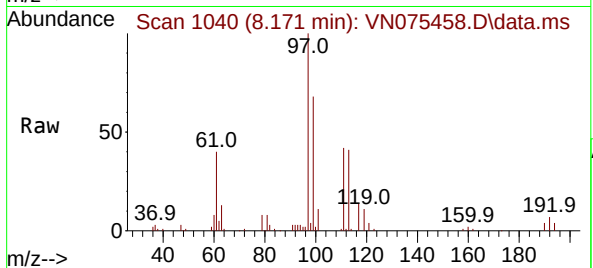
Tgt Ion:	113	Resp:	5188
Ion Ratio	Lower	Upper	
113	100		
111	102.6	80.5	120.7
192	19.4	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#36

1,1-Dichloropropene

Concen: 48.694 ug/l

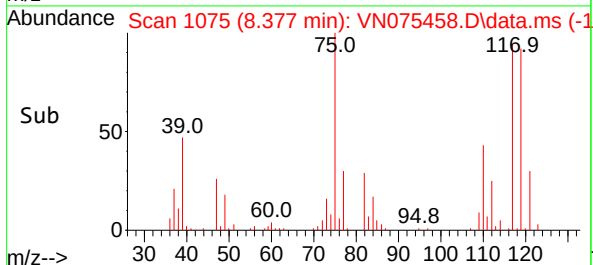
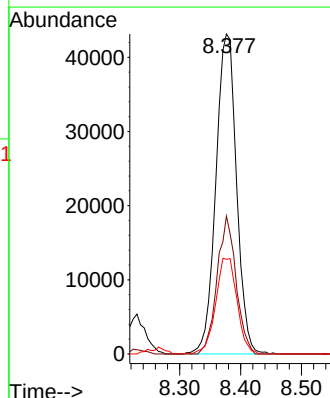
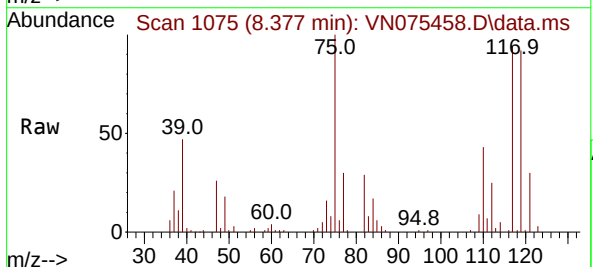
RT: 8.377 min Scan# 1075

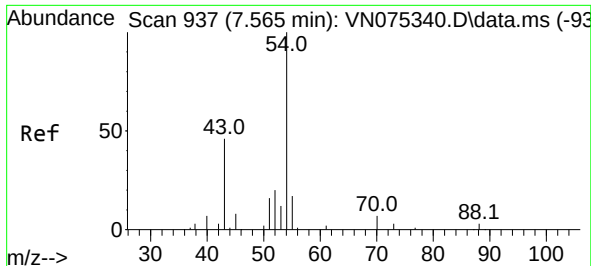
Delta R.T. 0.006 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

Tgt Ion:	75	Resp:	101763
Ion Ratio	Lower	Upper	
75	100		
110	39.5	17.8	53.3
77	31.0	24.6	37.0





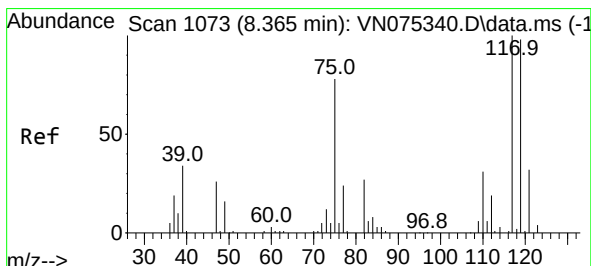
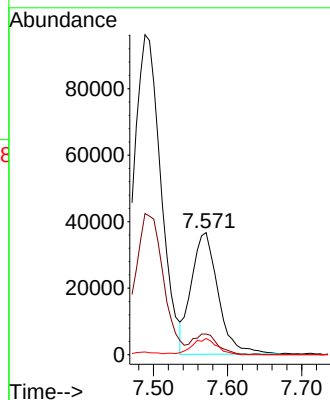
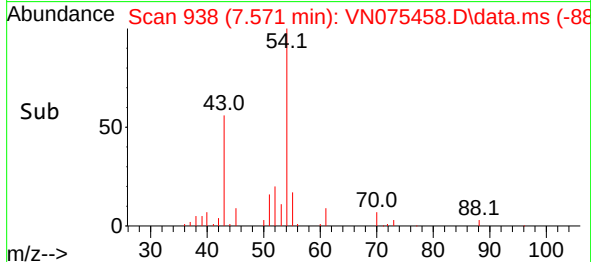
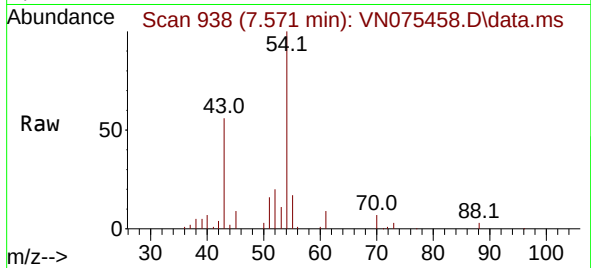
#37
Ethyl Acetate
Concen: 48.692 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD

Tgt Ion: 43 Resp: 9162
Ion Ratio Lower Upper
43 100
61 16.3 12.2 18.4
70 12.4 9.4 14.2

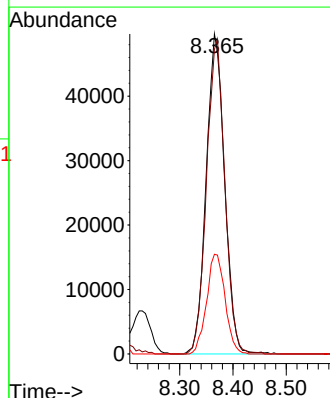
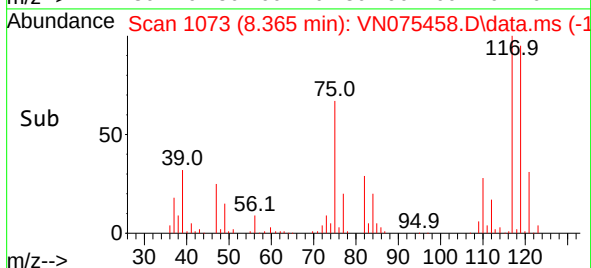
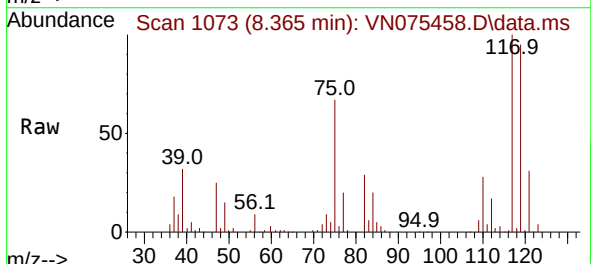
Manual Integrations
APPROVED

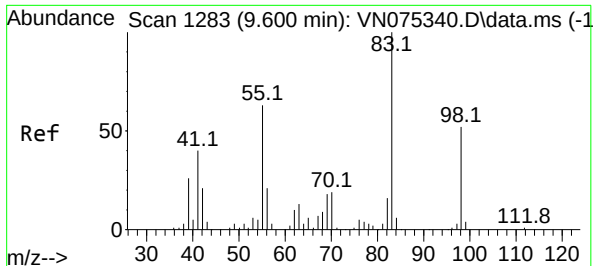
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#38
Carbon Tetrachloride
Concen: 51.978 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Tgt Ion:117 Resp: 119326
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1
121 31.1 23.9 35.9





#39

Methylcyclohexane

Concen: 49.683 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MSD

Tgt Ion: 83 Resp: 129940

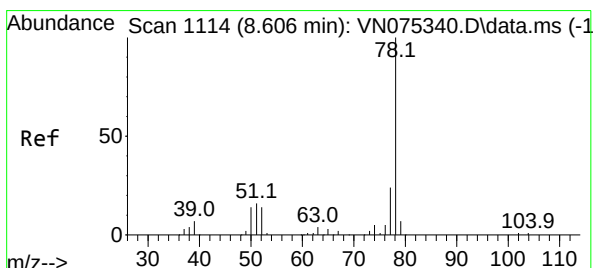
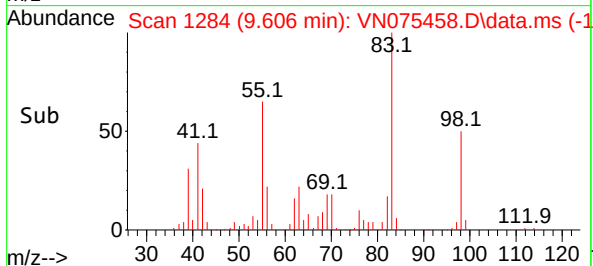
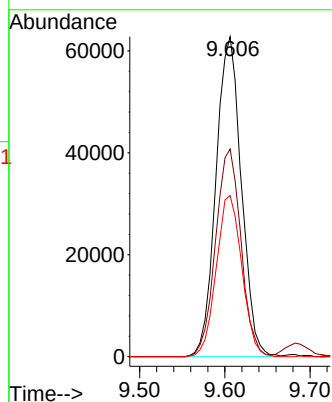
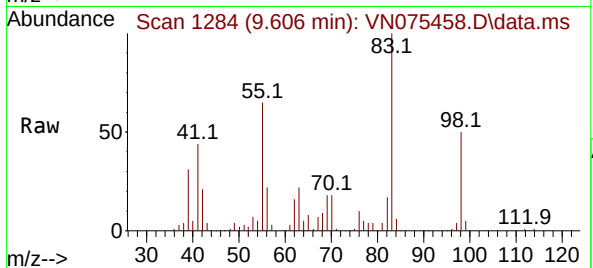
Ion	Ratio	Lower	Upper
83	100		
55	64.9	53.6	80.4
98	50.4	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#40

Benzene

Concen: 49.503 ug/l

RT: 8.612 min Scan# 1115

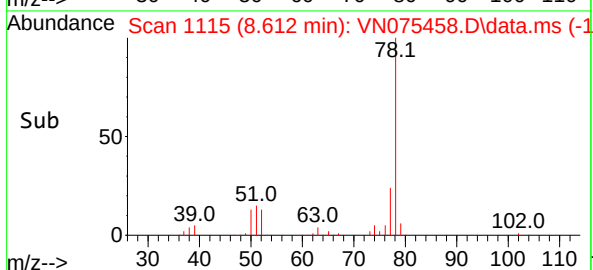
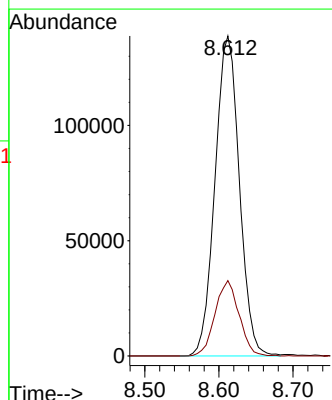
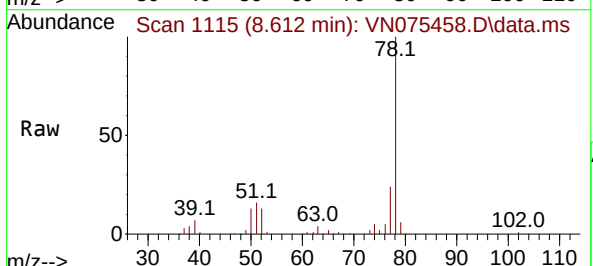
Delta R.T. 0.006 min

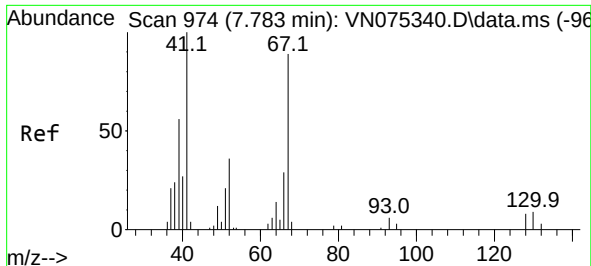
Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

Tgt Ion: 78 Resp: 316745

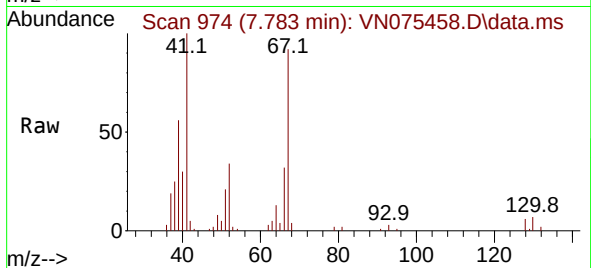
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.0





#41
Methacrylonitrile
Concen: 52.986 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

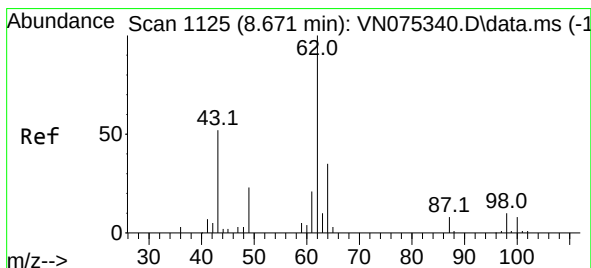
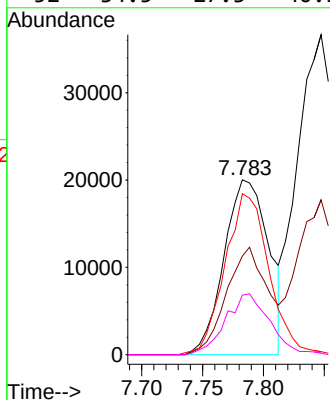
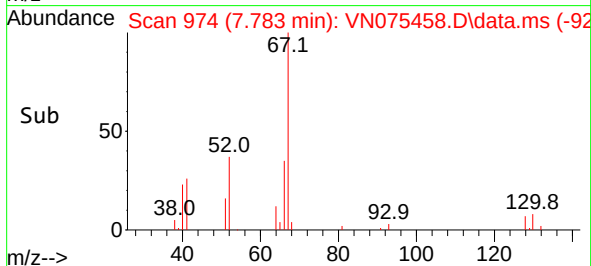
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



Tgt Ion:	41	Resp:	50979
Ion Ratio	100	Lower	Upper
39	56.9	44.4	66.6
67	90.7	69.8	104.6
52	34.5	27.3	40.9

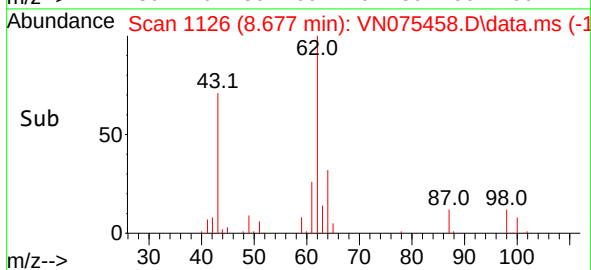
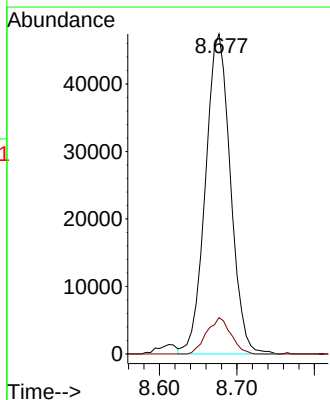
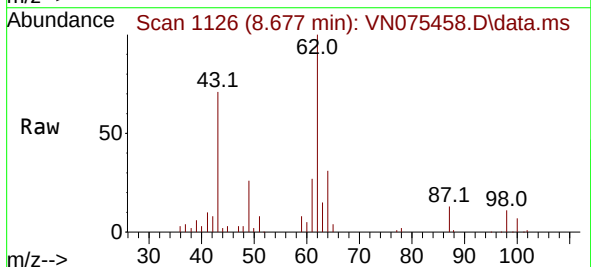
Manual Integrations
APPROVED

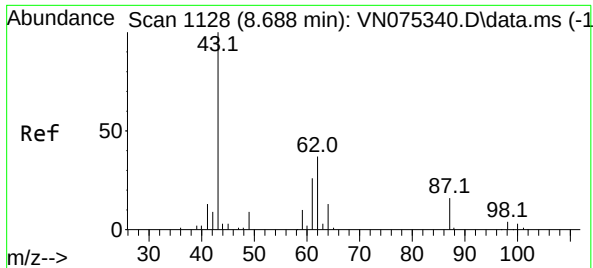
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#42
1,2-Dichloroethane
Concen: 49.664 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Tgt Ion:	62	Resp:	106427
Ion Ratio	100	Lower	Upper
98	10.9	0.0	18.2





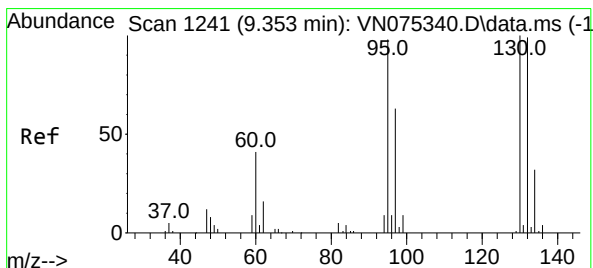
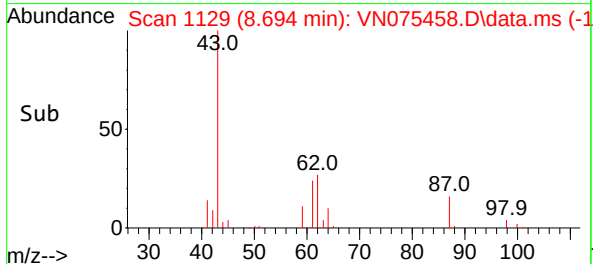
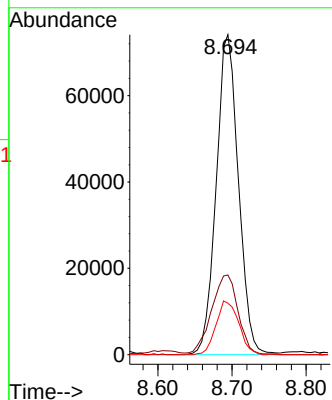
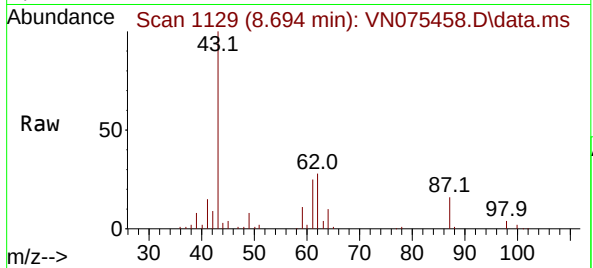
#43
Isopropyl Acetate
Concen: 51.152 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD

Tgt Ion: 43 Resp: 15450
Ion Ratio Lower Upper
43 100
61 29.9 22.4 33.6
87 17.2 12.5 18.7

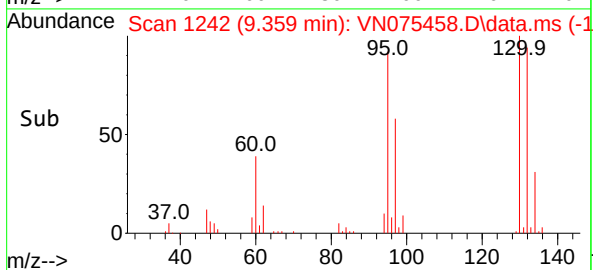
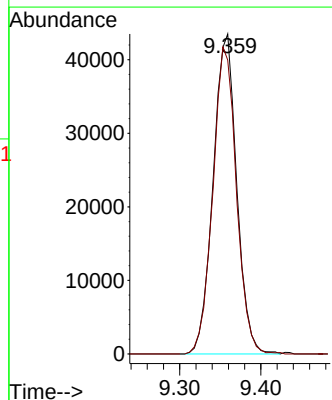
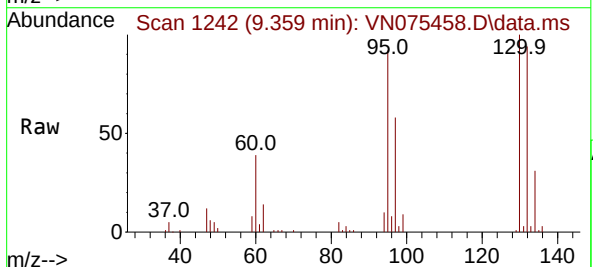
Manual Integrations
APPROVED

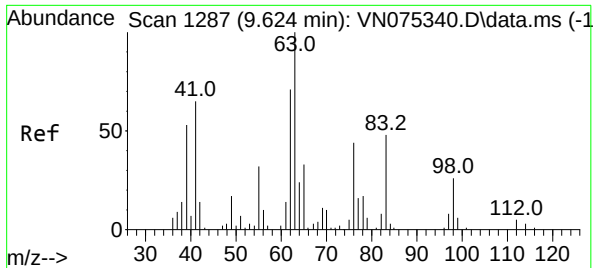
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#44
Trichloroethene
Concen: 50.080 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Tgt Ion:130 Resp: 87679
Ion Ratio Lower Upper
130 100
95 91.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 50.329 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MSD

Tgt Ion: 63 Resp: 7674

Ion Ratio Lower Upper

63 100

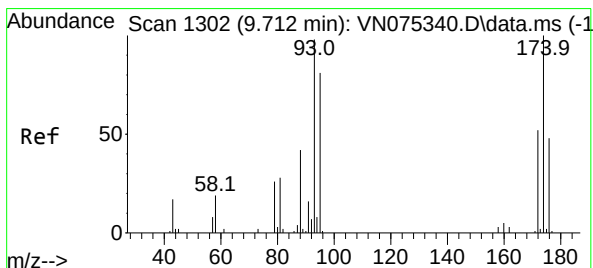
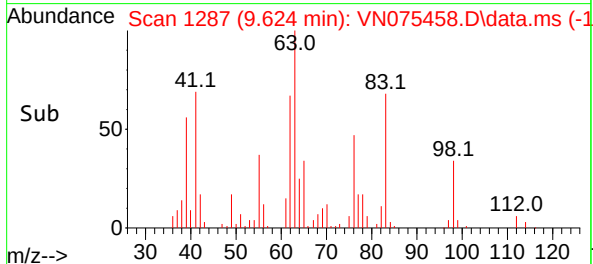
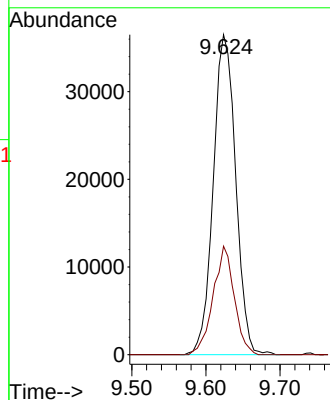
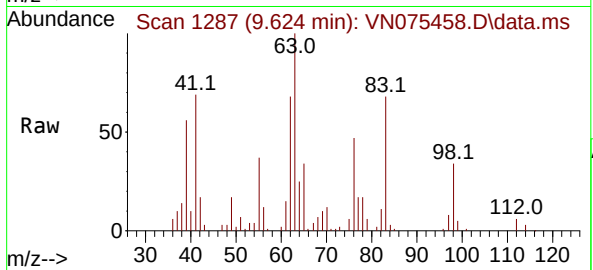
65 33.9 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#46

Dibromomethane

Concen: 51.173 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

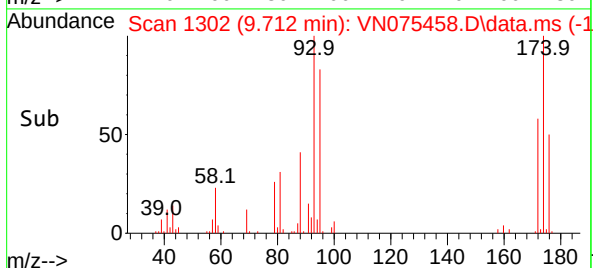
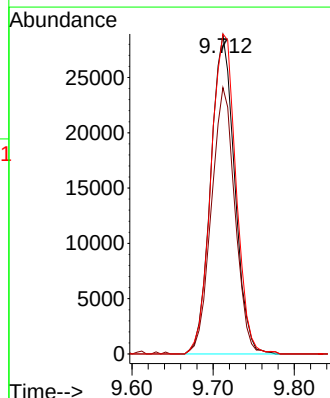
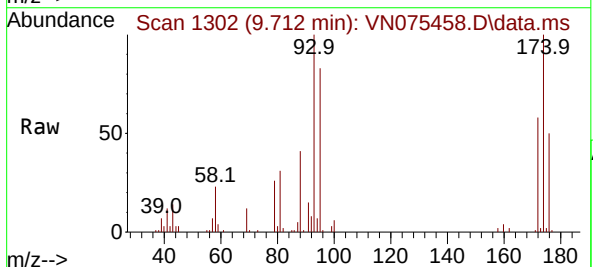
Tgt Ion: 93 Resp: 59019

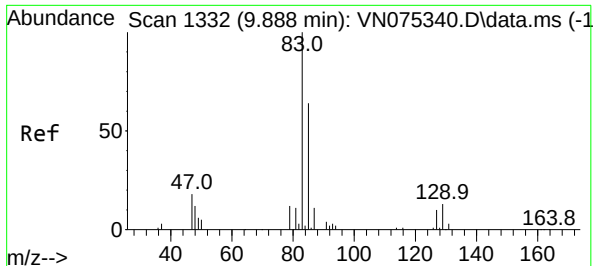
Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

174 105.0 70.3 105.5





#47

Bromodichloromethane

Concen: 50.461 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MSD

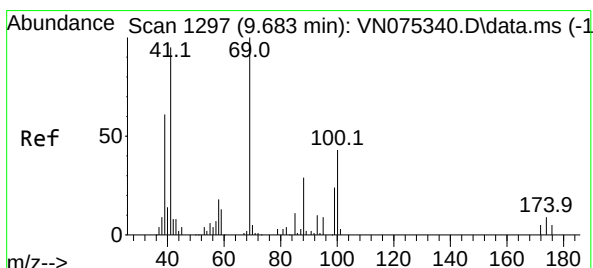
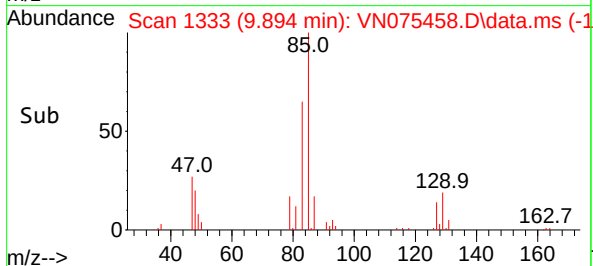
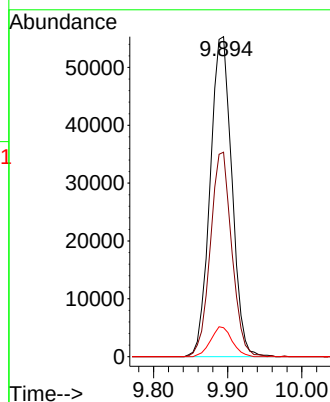
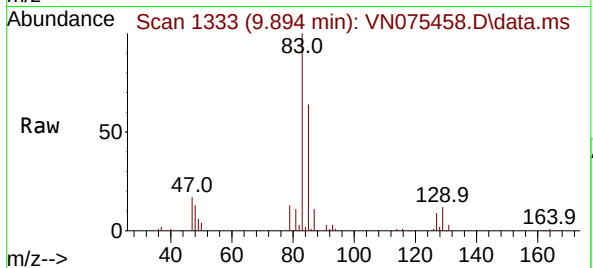
Tgt Ion:	83	Resp:	11270
Ion Ratio	Lower	Upper	
83	100		
85	63.9	52.1	78.1
127	9.1	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#48

Methyl methacrylate

Concen: 52.999 ug/l

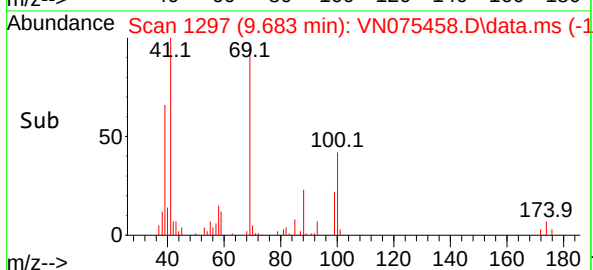
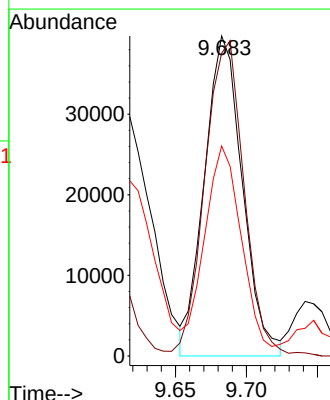
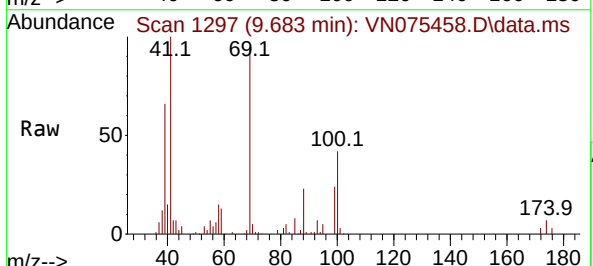
RT: 9.683 min Scan# 1297

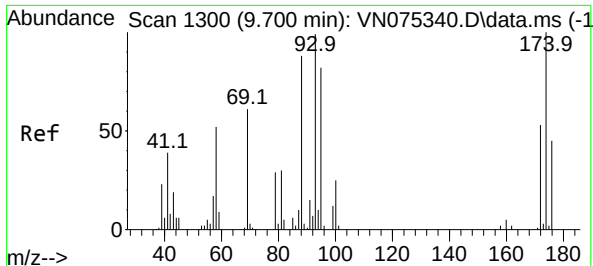
Delta R.T. -0.000 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

Tgt Ion:	41	Resp:	74020
Ion Ratio	Lower	Upper	
41	100		
69	101.3	80.2	120.2
39	64.4	56.2	84.2





#49

1,4-Dioxane

Concen: 1028.134 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MSD

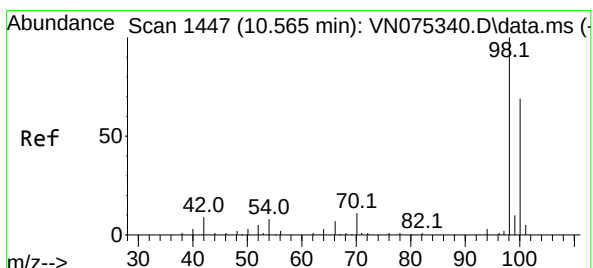
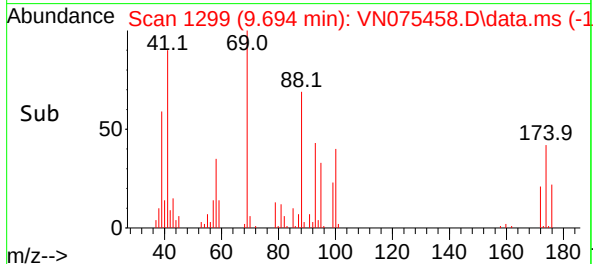
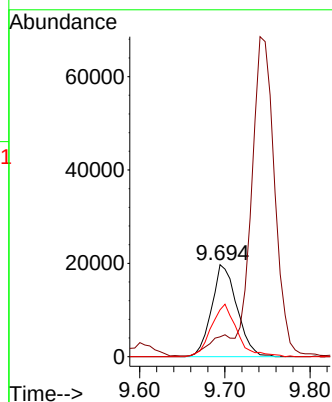
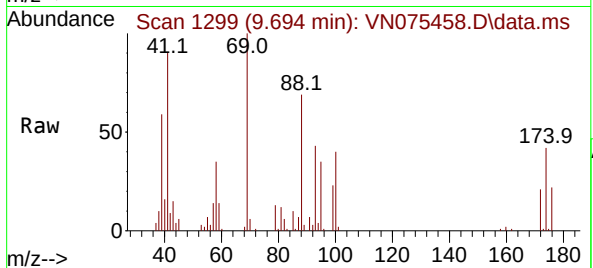
Tgt Ion: 88 Resp: 40774
 Ion Ratio Lower Upper
 88 100
 43 0.0 17.5 26.3
 58 58.2 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#50

Toluene-d8

Concen: 53.983 ug/l

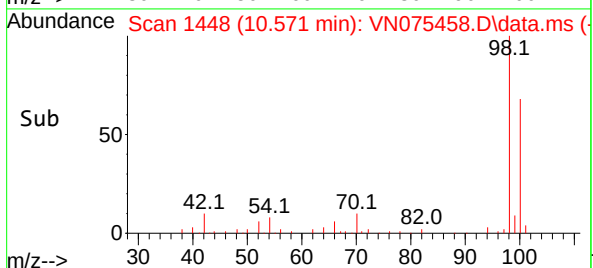
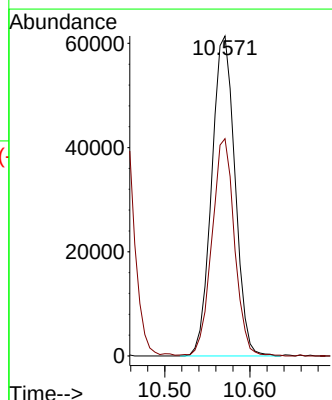
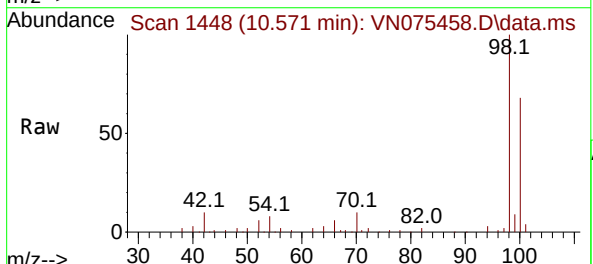
RT: 10.571 min Scan# 1448

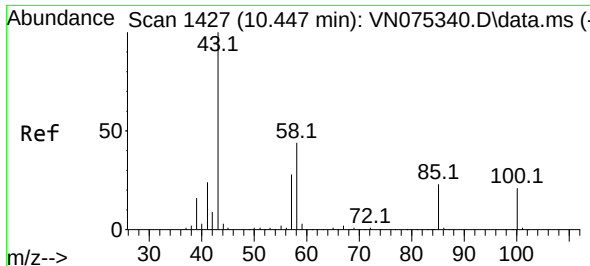
Delta R.T. 0.006 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

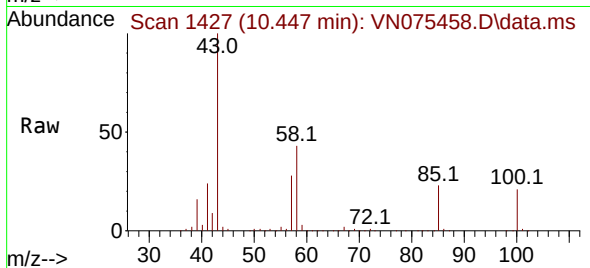
Tgt Ion: 98 Resp: 116515
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 265.698 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

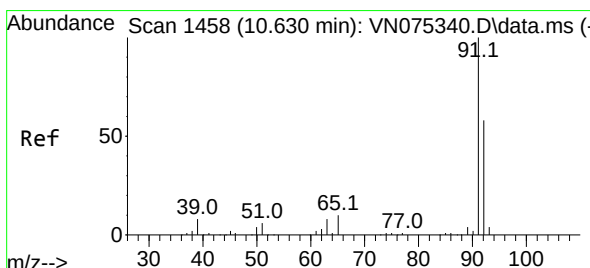
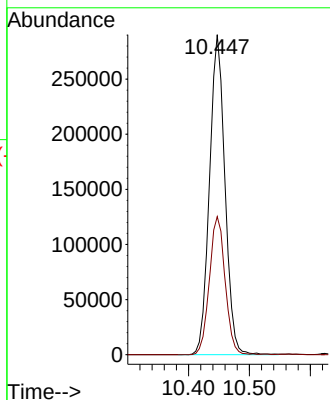
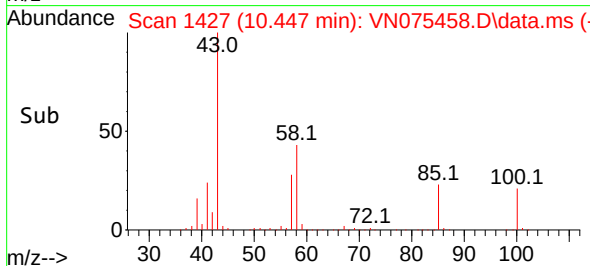
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



Tgt Ion: 43 Resp: 51114
Ion Ratio Lower Upper
43 100
58 43.9 33.6 50.4

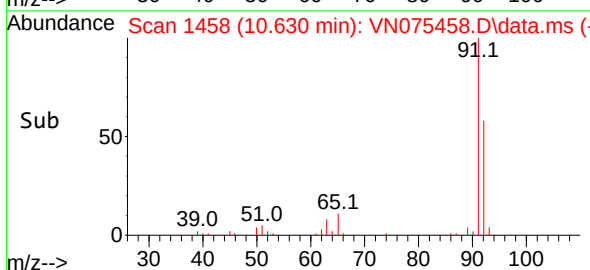
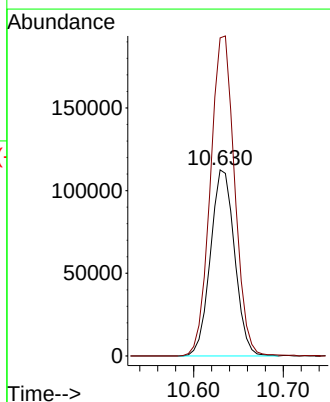
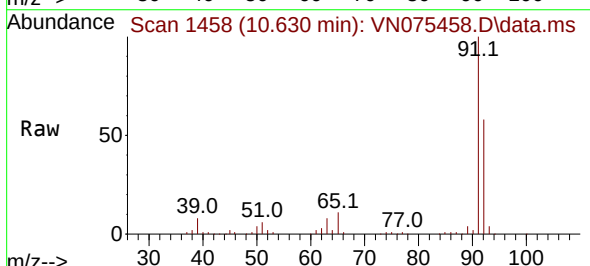
Manual Integrations
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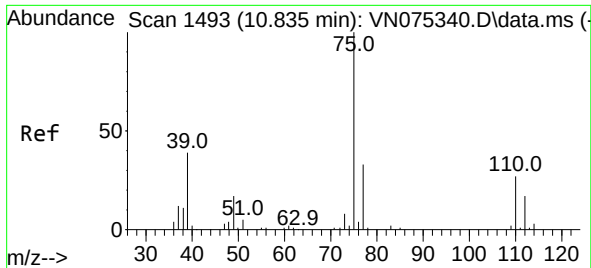
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#52
Toluene
Concen: 51.064 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Tgt Ion: 92 Resp: 210550
Ion Ratio Lower Upper
92 100
91 172.9 135.4 203.2





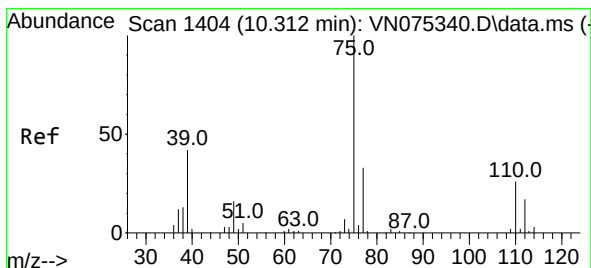
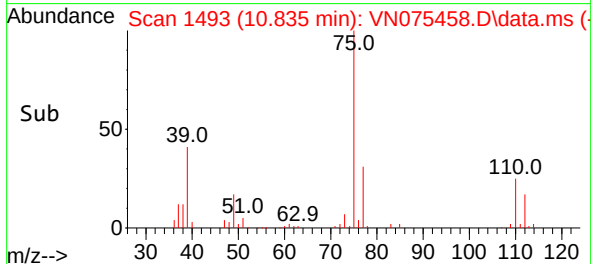
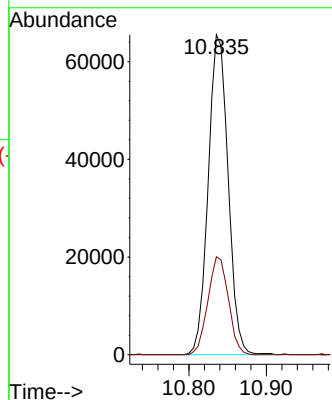
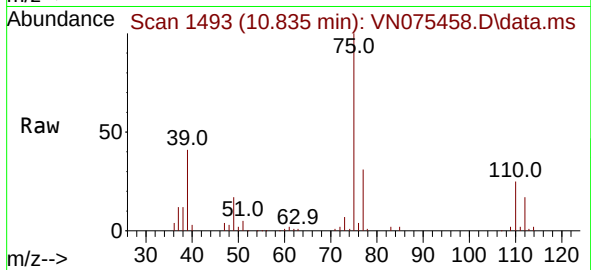
#53
 t-1,3-Dichloropropene
 Concen: 52.174 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075458.D
 Acq: 28 Nov 2022 18:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW181S-20221117MSD

Tgt Ion: 75 Resp: 11698
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.2

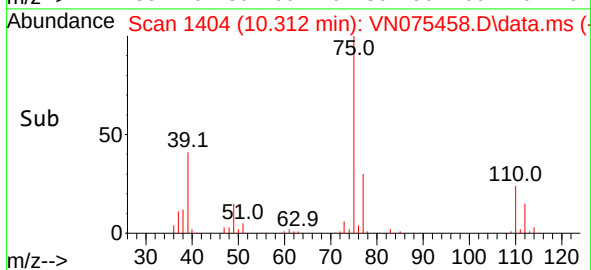
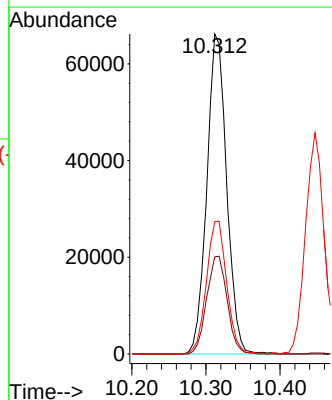
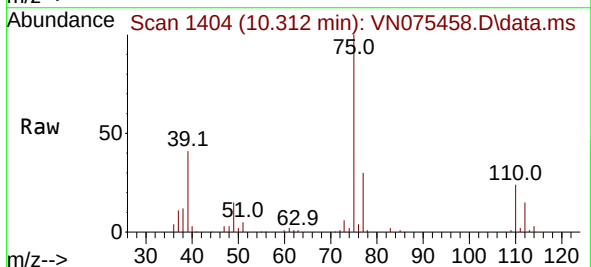
Manual Integrations
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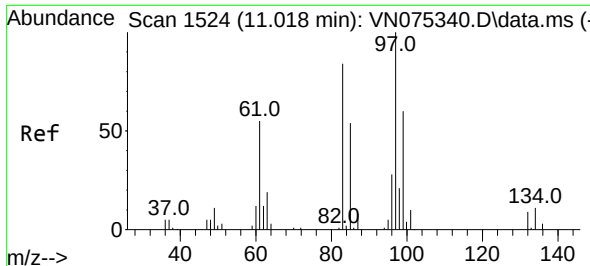
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#54
 cis-1,3-Dichloropropene
 Concen: 50.545 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075458.D
 Acq: 28 Nov 2022 18:59

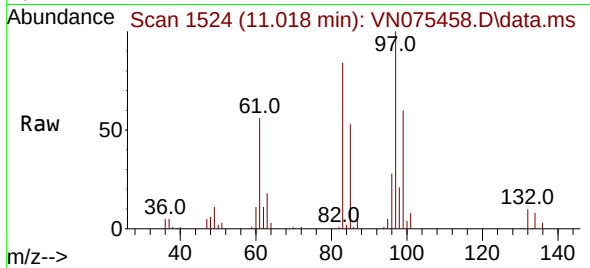
Tgt Ion: 75 Resp: 123089
 Ion Ratio Lower Upper
 75 100
 77 30.4 23.7 35.5
 39 41.4 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 51.739 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Instrument : MSVOA_N
ClientSampleId : MW181S-20221117MSD

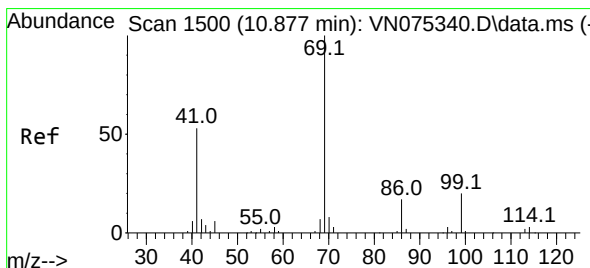
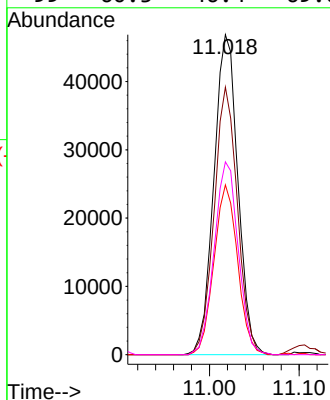
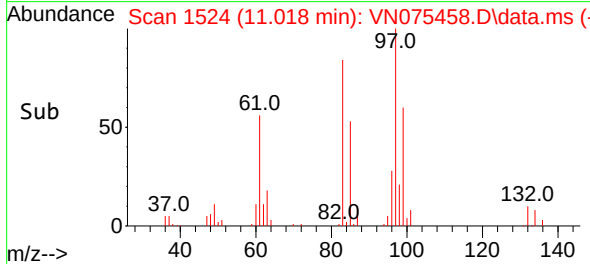


Tgt Ion: 97 Resp: 8688

Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.9	98.9
85	53.0	40.4	60.6
99	60.3	46.4	69.6

Manual Integrations
APPROVED

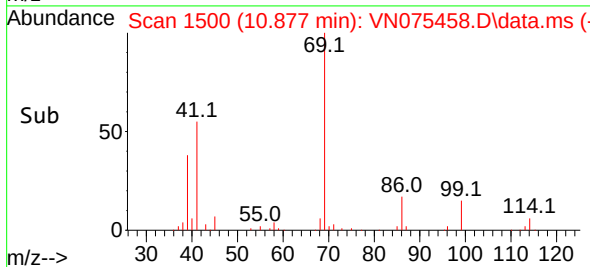
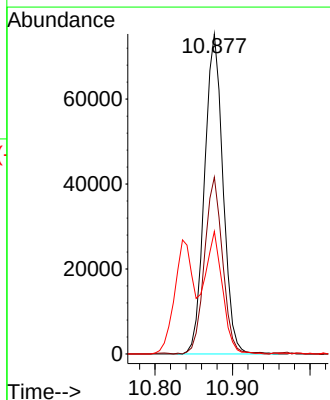
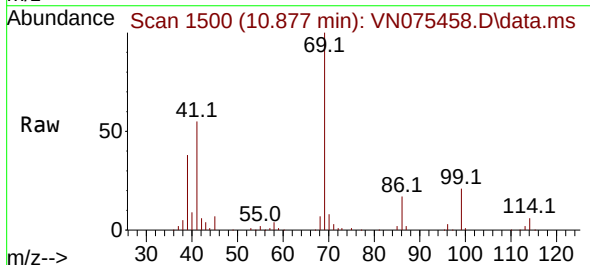
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

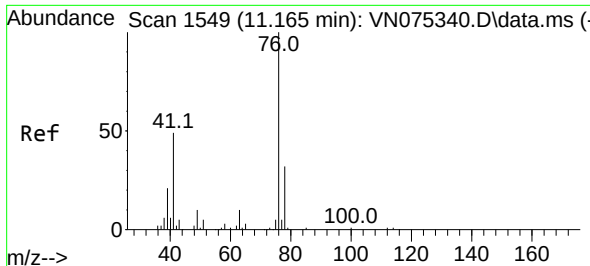


#56
Ethyl methacrylate
Concen: 54.818 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Tgt Ion: 69 Resp: 124323

Ion	Ratio	Lower	Upper
69	100		
41	54.5	45.6	68.4
39	37.6	28.5	42.7





#57

1,3-Dichloropropane

Concen: 50.553 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MSD

Tgt Ion: 76 Resp: 13842

Ion Ratio Lower Upper

76 100

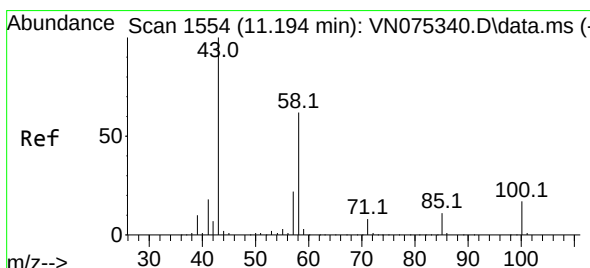
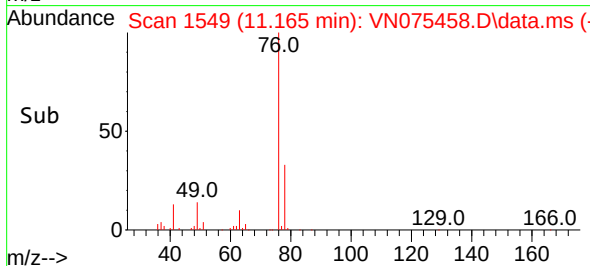
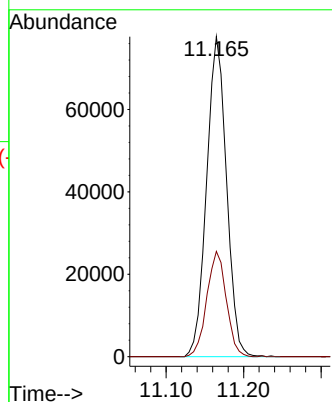
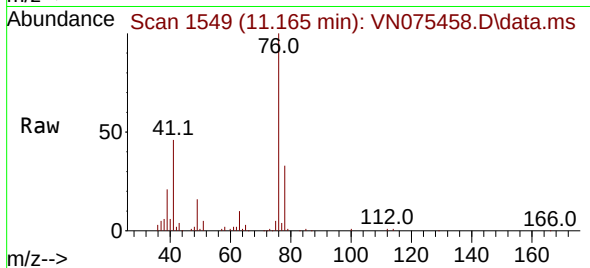
78 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#59

2-Hexanone

Concen: 265.240 ug/l

RT: 11.194 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VN075458.D

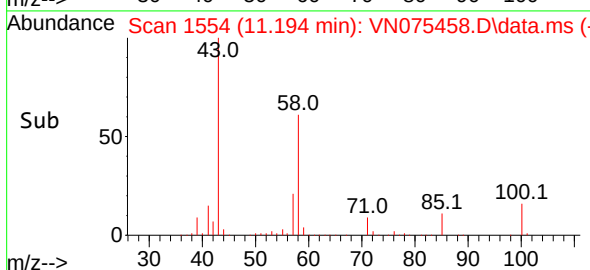
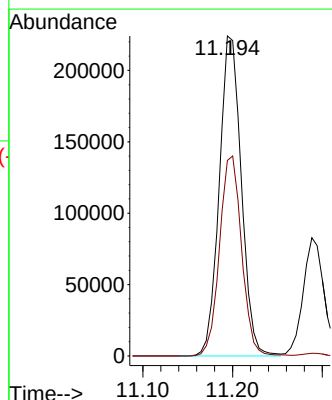
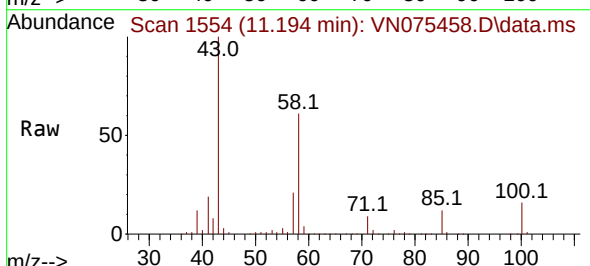
Acq: 28 Nov 2022 18:59

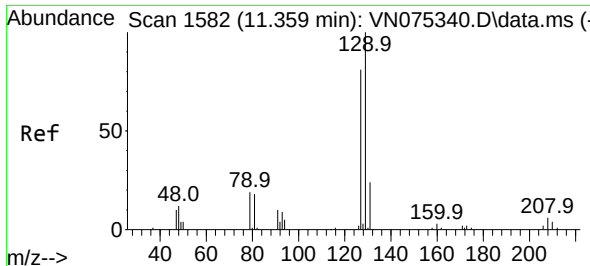
Tgt Ion: 43 Resp: 383160

Ion Ratio Lower Upper

43 100

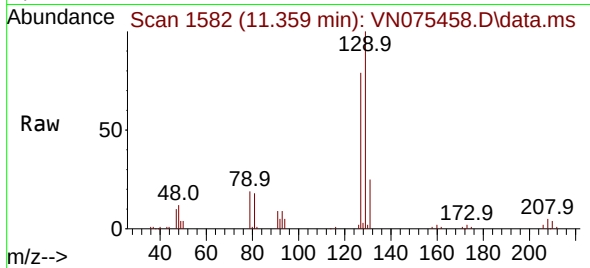
58 62.4 29.6 88.8





#60
Dibromochloromethane
Concen: 55.719 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

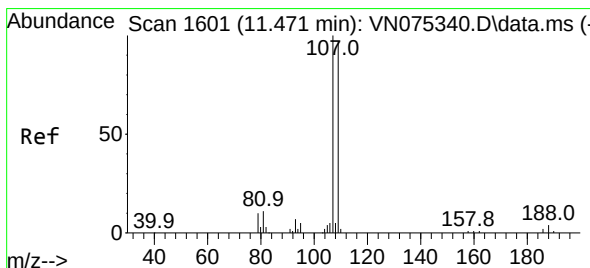
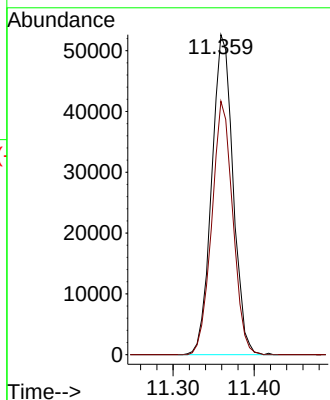
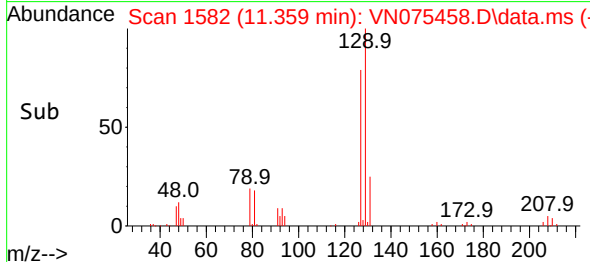
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



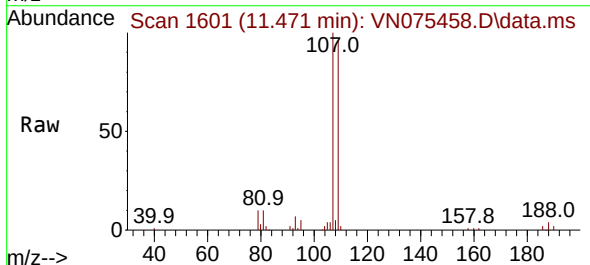
Tgt Ion:129 Resp: 9604
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8

Manual Integrations
APPROVED

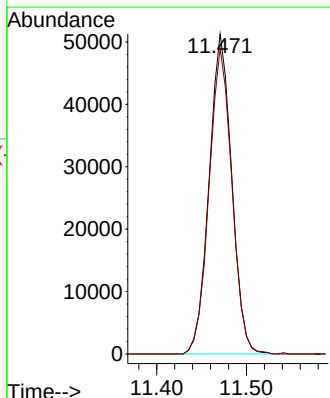
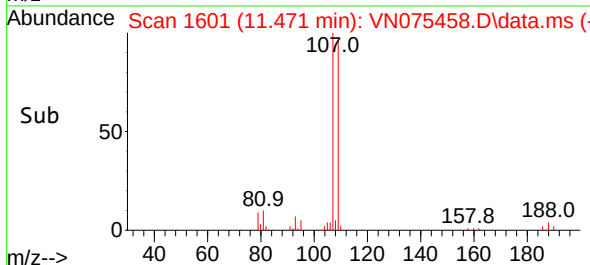
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

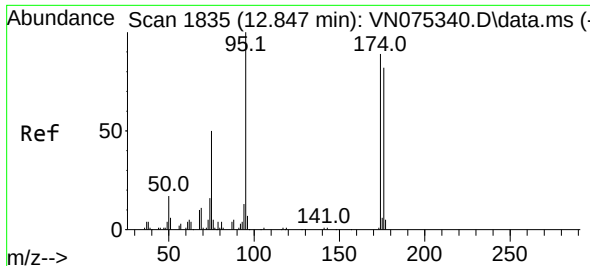


#61
1,2-Dibromoethane
Concen: 51.406 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59



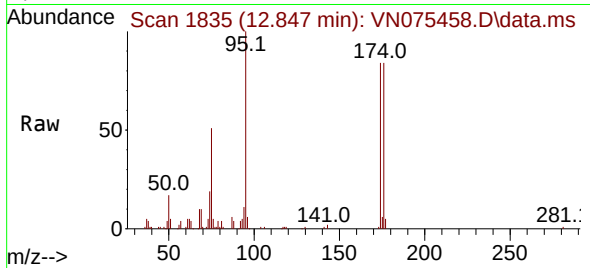
Tgt Ion:107 Resp: 89604
Ion Ratio Lower Upper
107 100
109 96.5 75.6 113.4





#62
4-Bromofluorobenzene
Concen: 53.583 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

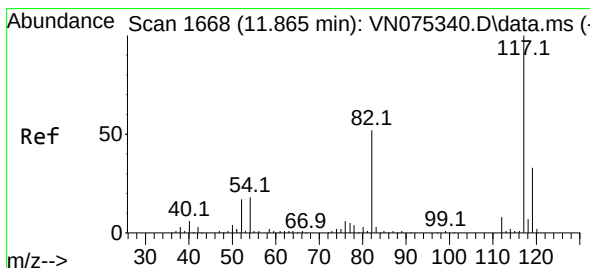
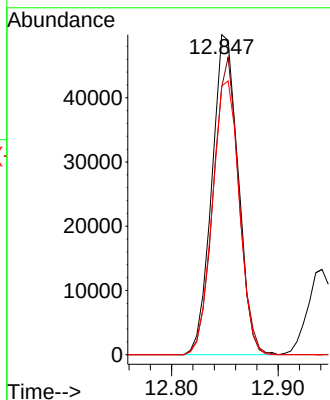
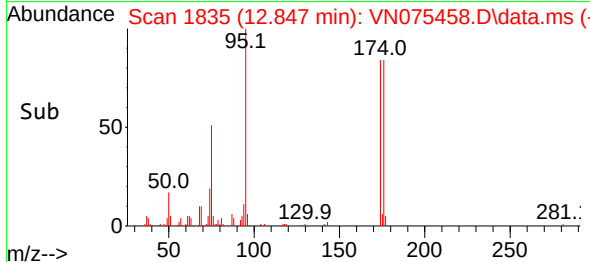
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



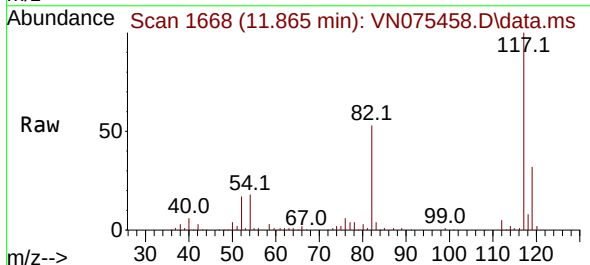
Tgt Ion: 95 Resp: 8536
Ion Ratio Lower Upper
95 100
174 89.8 0.0 147.4
176 87.3 0.0 142.2

Manual Integrations
APPROVED

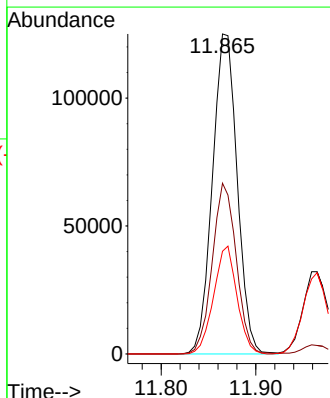
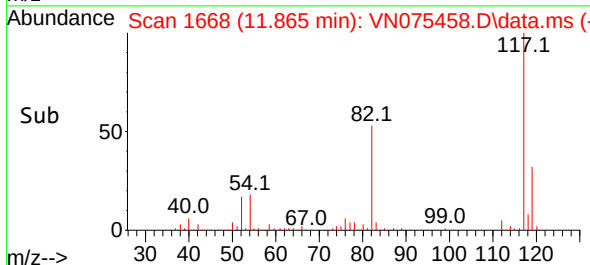
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

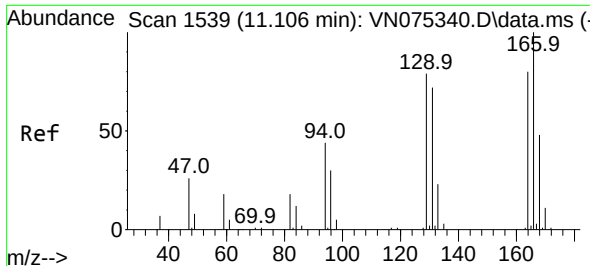


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59



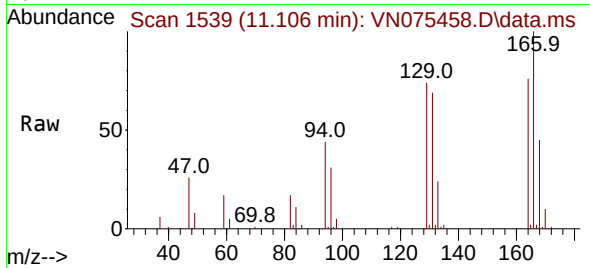
Tgt Ion:117 Resp: 227504
Ion Ratio Lower Upper
117 100
82 53.4 43.1 64.7
119 32.1 25.5 38.3





#64
Tetrachloroethene
Concen: 47.676 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

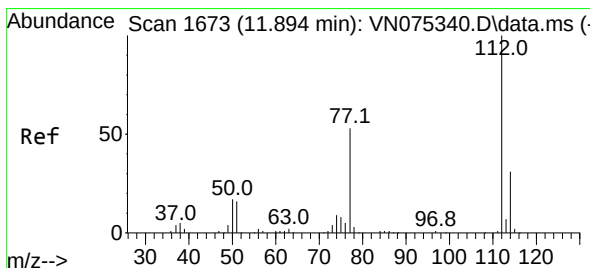
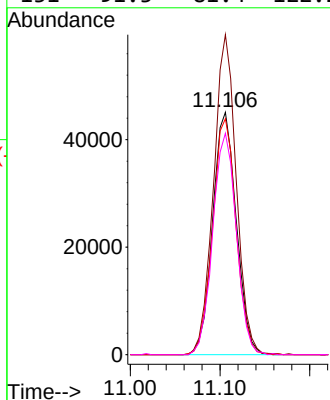
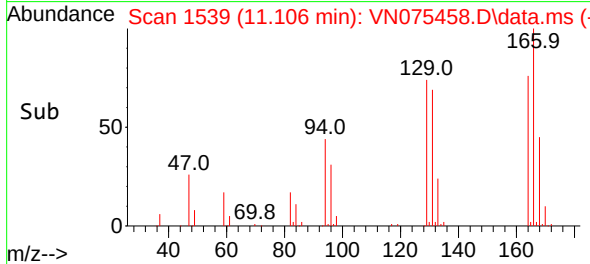
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



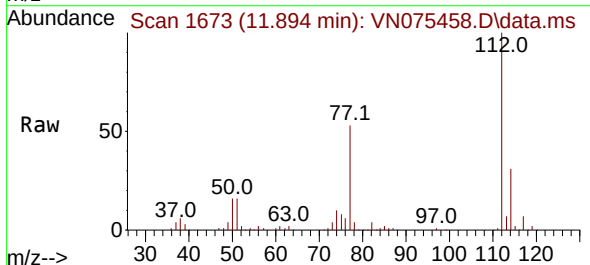
Tgt Ion:164 Resp: 82830
Ion Ratio Lower Upper
164 100
166 132.0 106.5 159.7
129 97.3 81.9 122.9
131 91.3 81.4 122.2

Manual Integrations
APPROVED

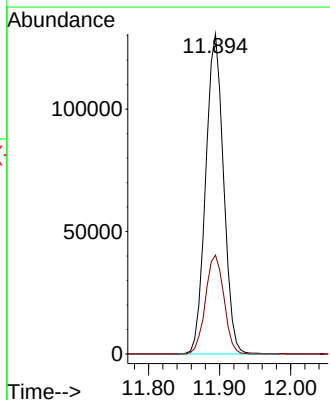
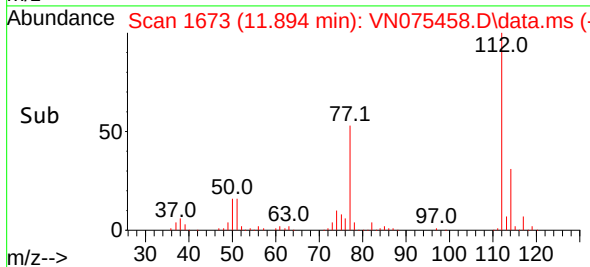
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

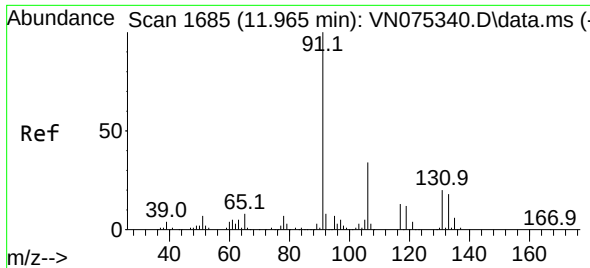


#65
Chlorobenzene
Concen: 48.603 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59



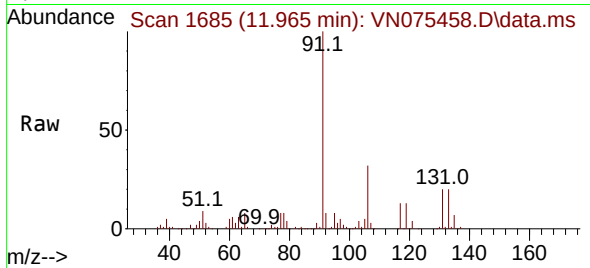
Tgt Ion:112 Resp: 228355
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 50.930 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

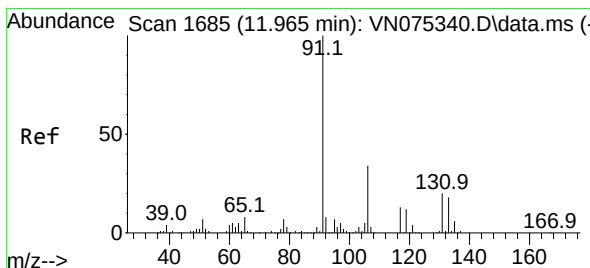
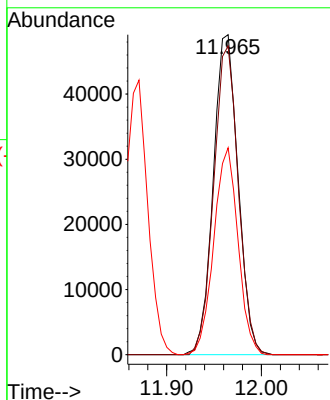
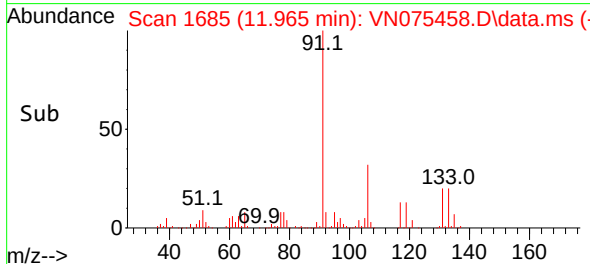
Instrument : MSVOA_N
ClientSampleId : MW181S-20221117MSD



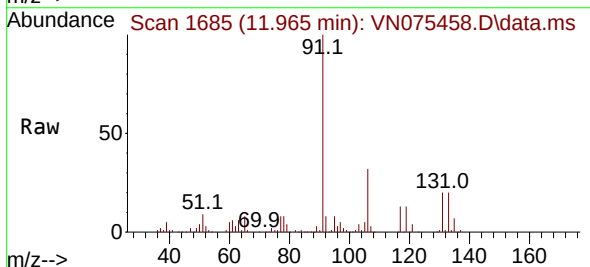
Tgt Ion:131 Resp: 8930
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 63.3 33.0 99.0

Manual Integrations
APPROVED

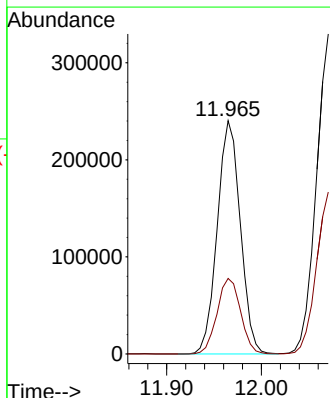
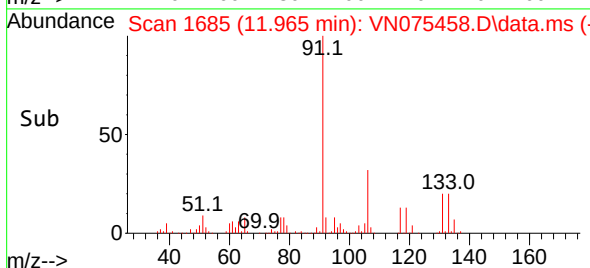
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

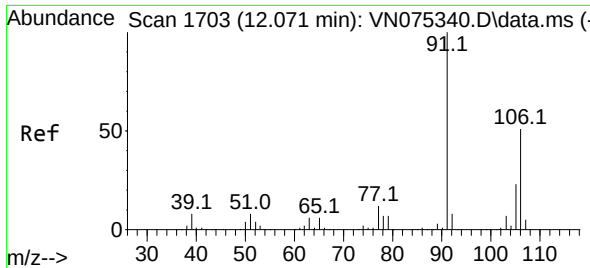


#67
Ethyl Benzene
Concen: 50.738 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59



Tgt Ion: 91 Resp: 406694
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3





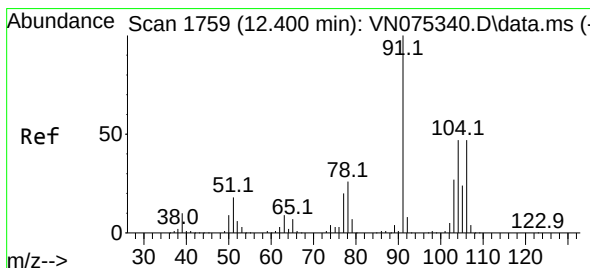
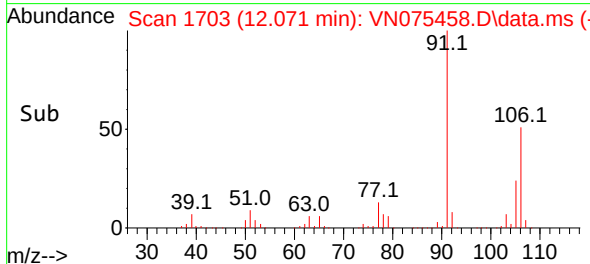
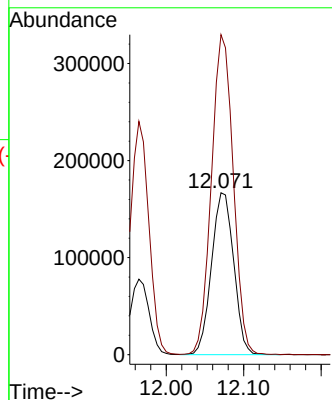
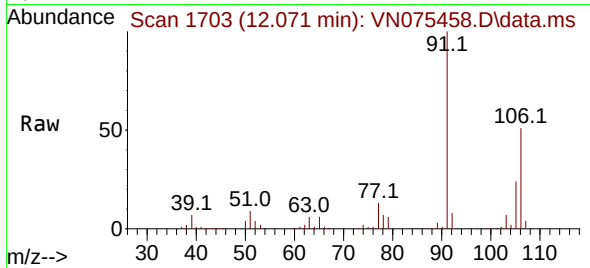
#68
m/p-Xylenes
Concen: 101.873 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD

Tgt Ion:106 Resp: 331604
Ion Ratio Lower Upper
106 100
91 194.4 156.0 234.0

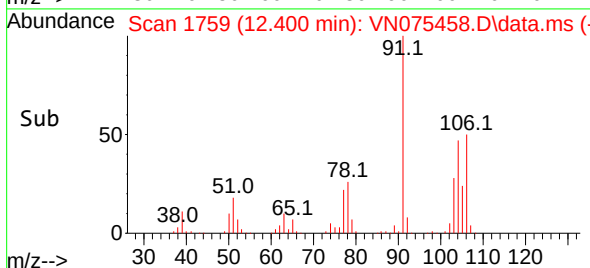
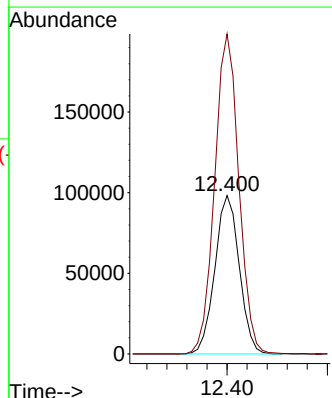
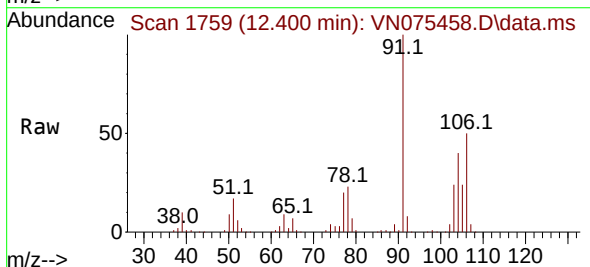
Manual Integrations
APPROVED

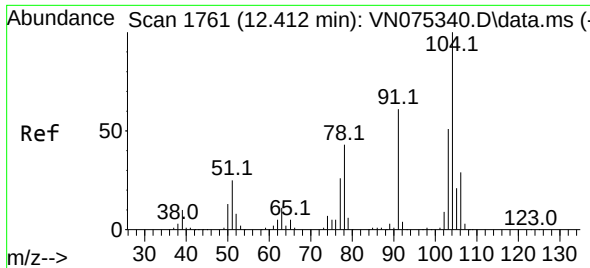
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#69
o-Xylene
Concen: 51.231 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

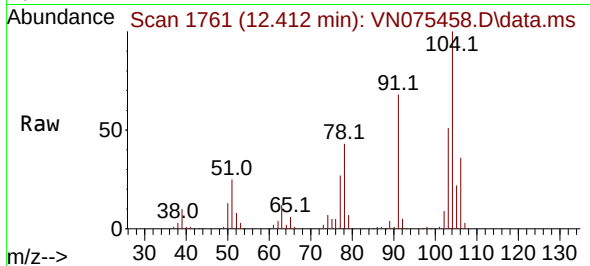
Tgt Ion:106 Resp: 165687
Ion Ratio Lower Upper
106 100
91 200.4 105.2 315.5





#70
Styrene
Concen: 52.666 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

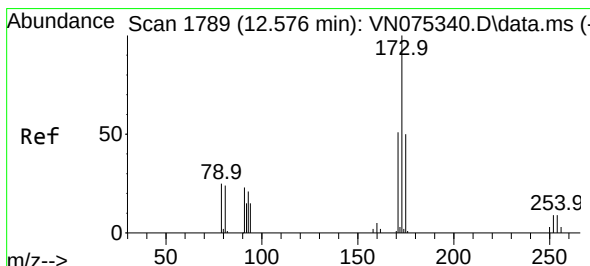
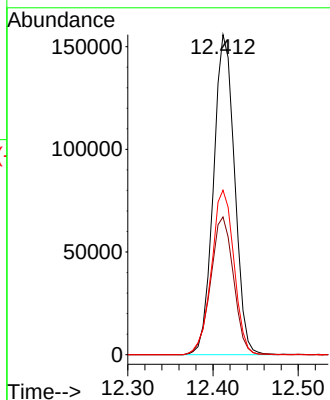
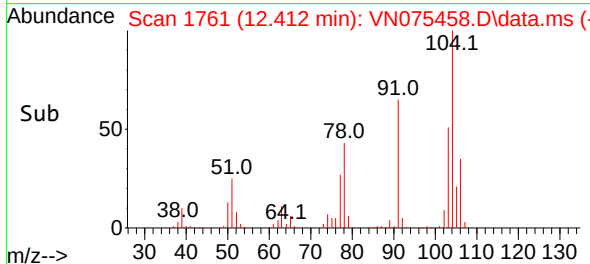
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



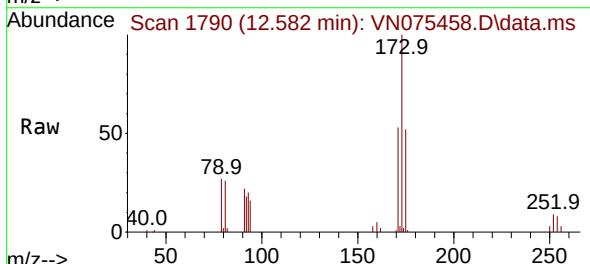
Tgt Ion:104 Resp: 268690
Ion Ratio Lower Upper
104 100
78 46.5 38.1 57.1
103 54.6 44.6 66.8

Manual Integrations
APPROVED

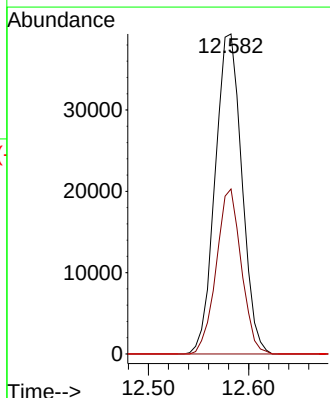
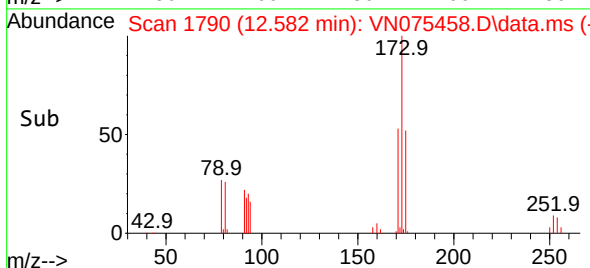
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

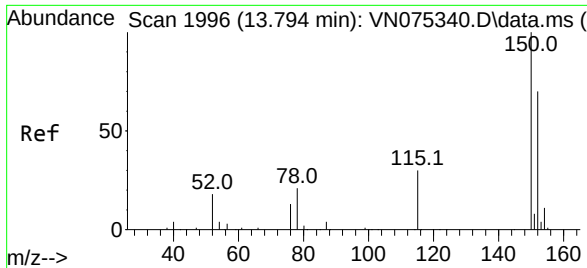


#71
Bromoform
Concen: 54.626 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59



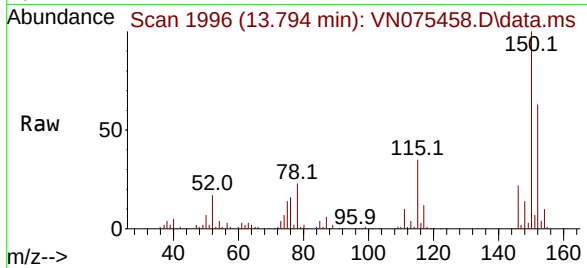
Tgt Ion:173 Resp: 72903
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

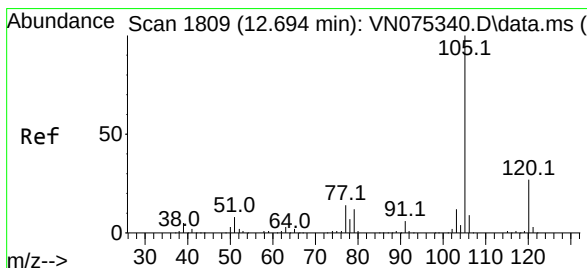
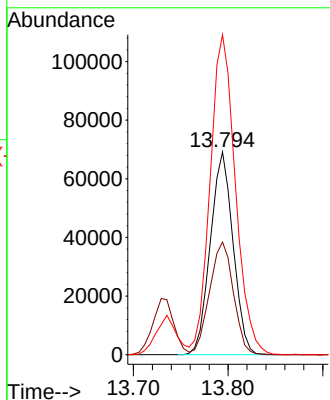
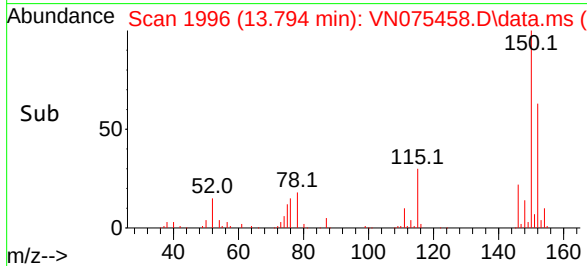
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



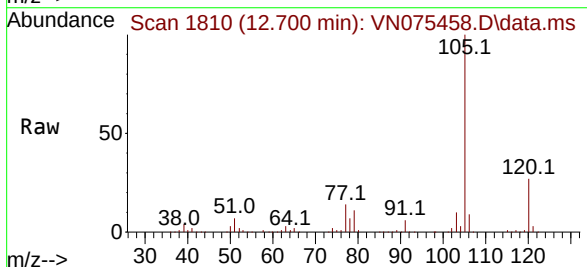
Tgt Ion:152 Resp: 11528
Ion Ratio Lower Upper
152 100
115 58.2 30.2 90.6
150 175.4 0.0 348.4

Manual Integrations
APPROVED

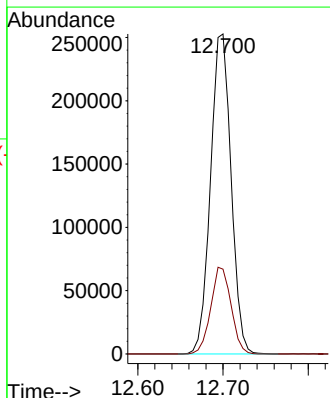
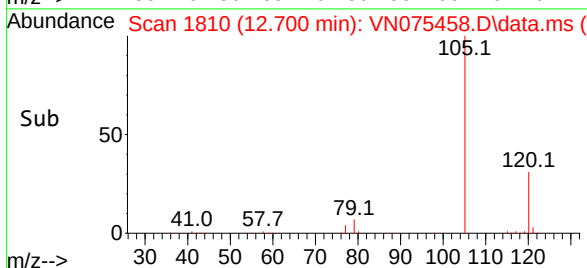
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

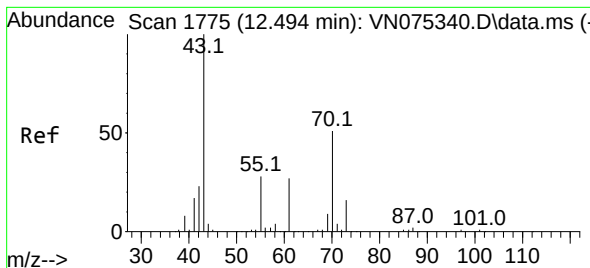


#73
Isopropylbenzene
Concen: 50.345 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59



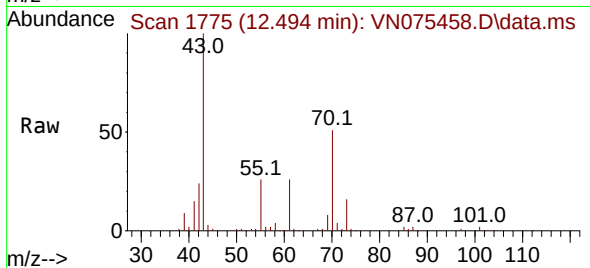
Tgt Ion:105 Resp: 424047
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1





#74
N-ethyl acetate
Concen: 50.961 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

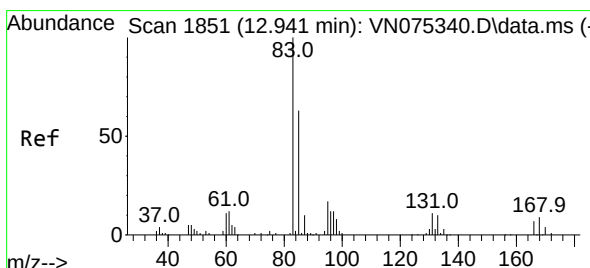
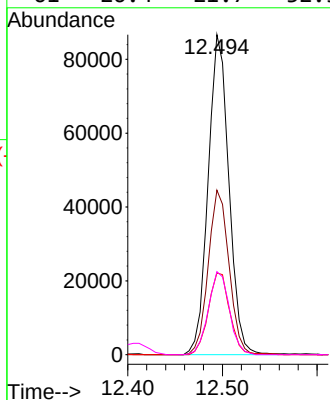
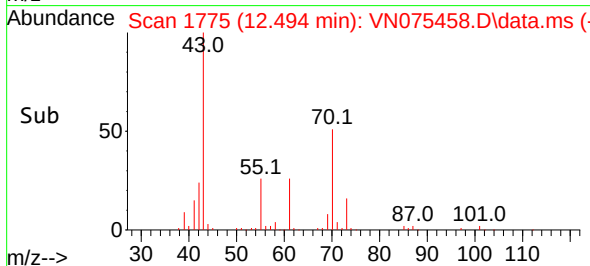
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



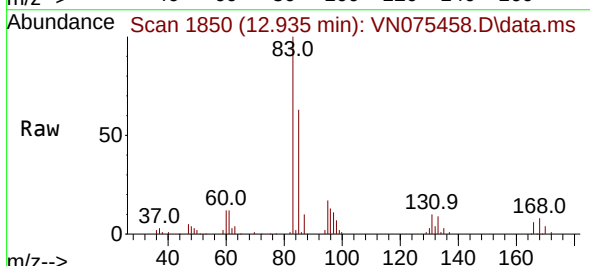
Tgt Ion: 43 Resp: 131962
Ion Ratio Lower Upper
43 100
70 51.6 39.8 59.8
55 26.5 19.9 29.9
61 26.4 21.7 32.5

Manual Integrations
APPROVED

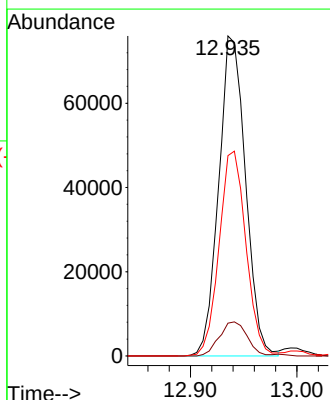
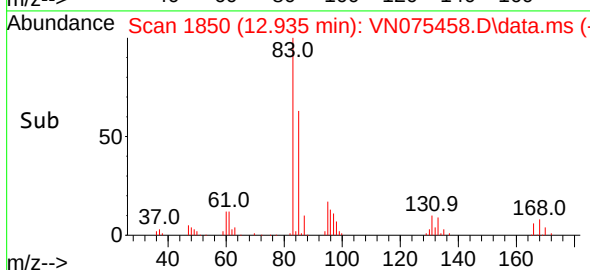
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

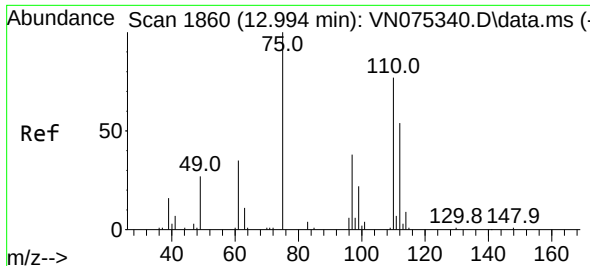


#75
1,1,2,2-Tetrachloroethane
Concen: 51.731 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59



Tgt Ion: 83 Resp: 132842
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 64.0 31.6 94.7





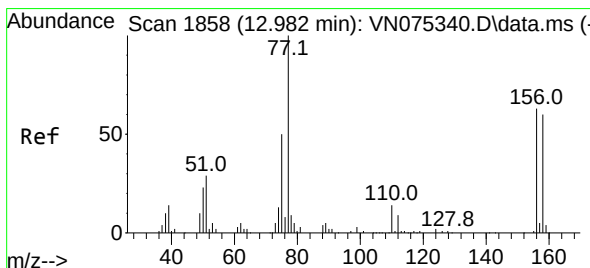
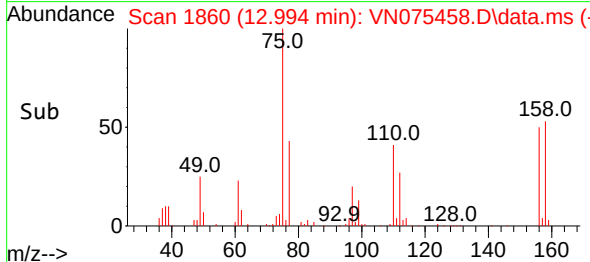
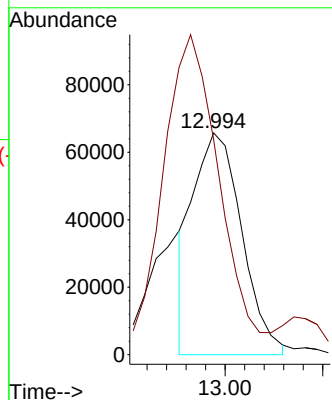
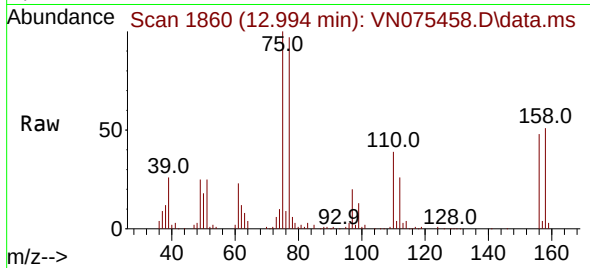
#76
1,2,3-Trichloropropane
Concen: 52.222 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD

Tgt Ion: 75 Resp: 11383
Ion Ratio Lower Upper
75 100
77 168.7 75.6 226.8

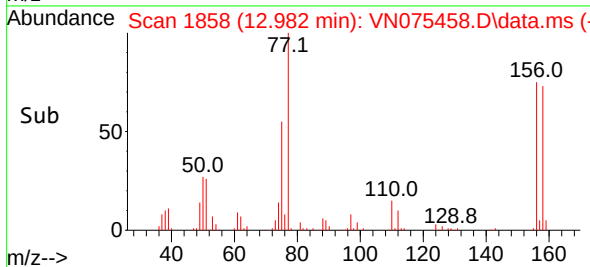
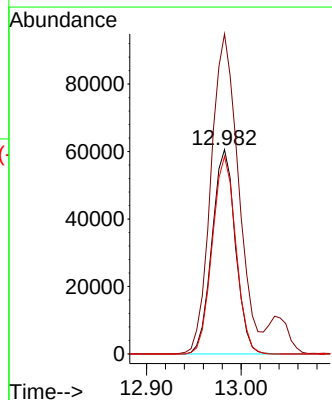
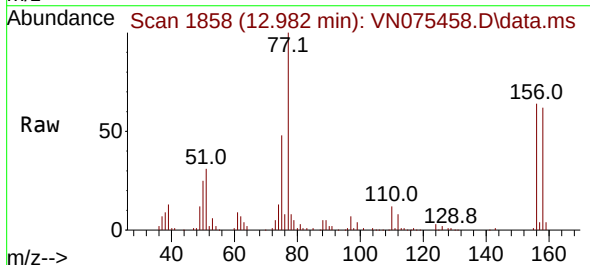
Manual Integrations
APPROVED

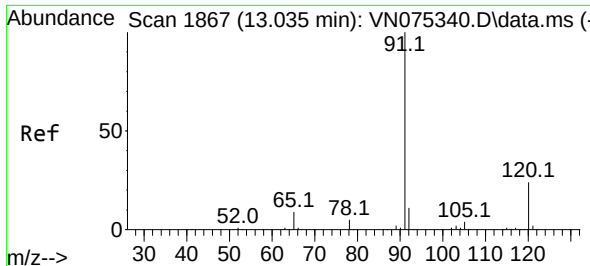
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#77
Bromobenzene
Concen: 49.995 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Tgt Ion:156 Resp: 103961
Ion Ratio Lower Upper
156 100
77 184.7 108.5 325.5
158 97.2 47.7 143.1





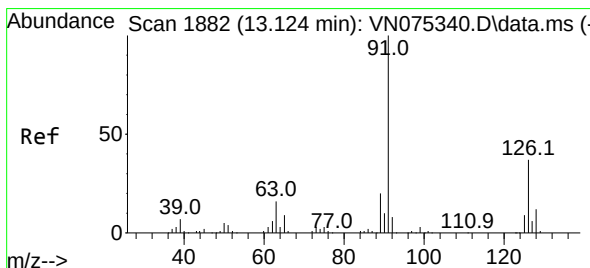
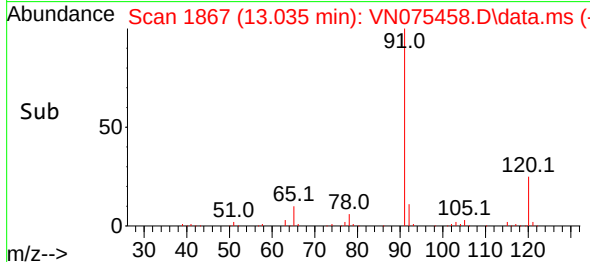
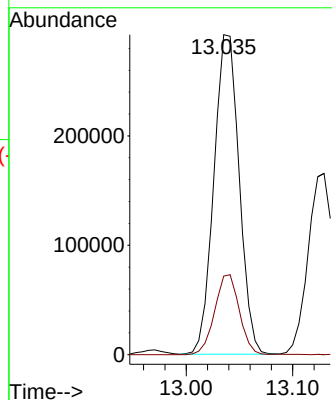
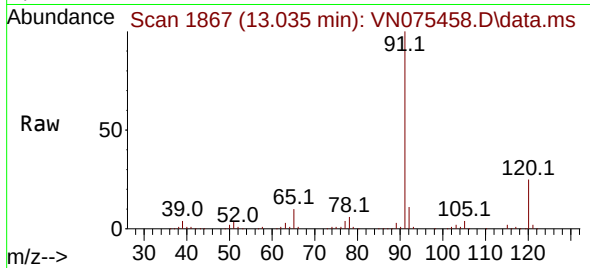
#78
n-propylbenzene
Concen: 51.205 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD

Tgt Ion: 91 Resp: 48132
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.5

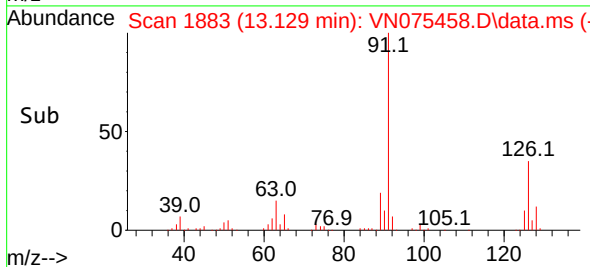
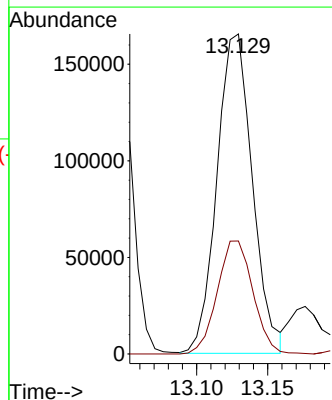
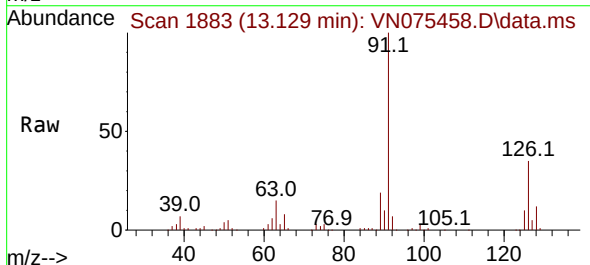
Manual Integrations
APPROVED

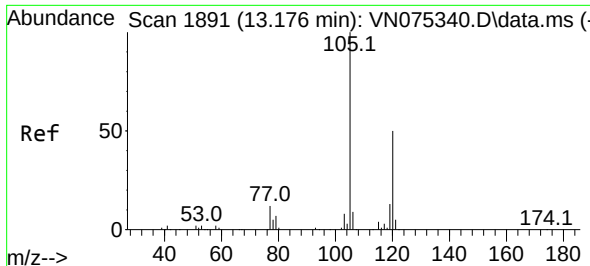
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#79
2-Chlorotoluene
Concen: 50.685 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

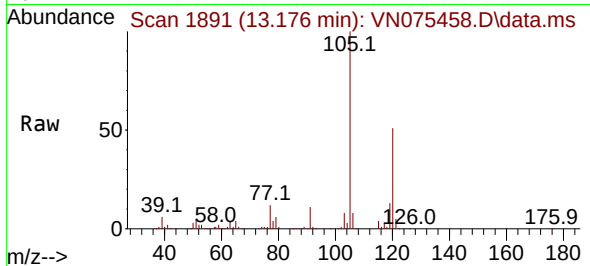
Tgt Ion: 91 Resp: 287065
Ion Ratio Lower Upper
91 100
126 35.7 16.9 50.7





#80
1,3,5-Trimethylbenzene
Concen: 52.081 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

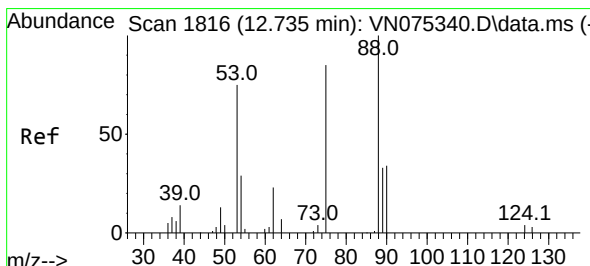
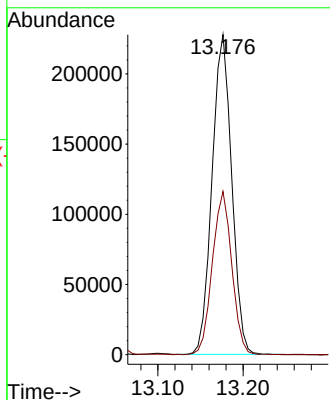
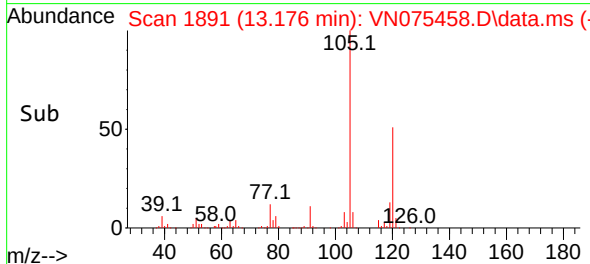
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



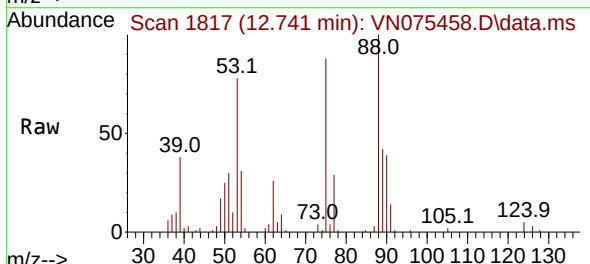
Tgt Ion:105 Resp: 36445
Ion Ratio Lower Upper
105 100
120 50.6 24.7 74.1

Manual Integrations
APPROVED

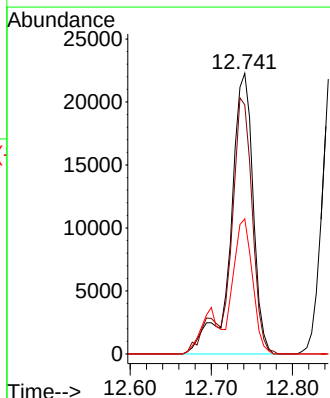
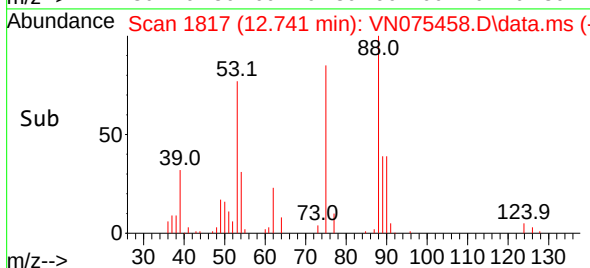
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

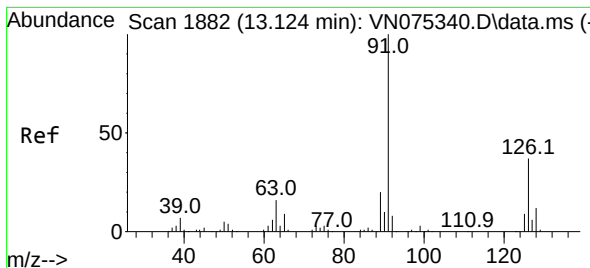


#81
trans-1,4-Dichloro-2-butene
Concen: 58.096 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59



Tgt Ion: 75 Resp: 42800
Ion Ratio Lower Upper
75 100
53 78.6 78.5 117.7
89 41.8 37.7 56.5





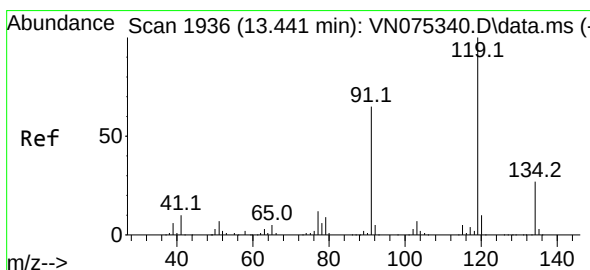
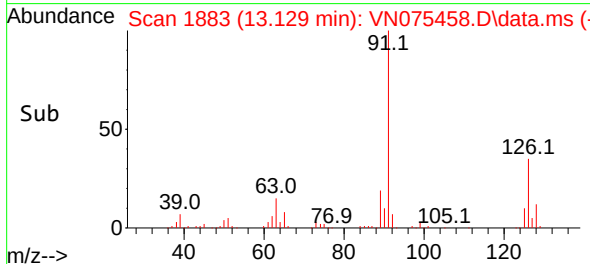
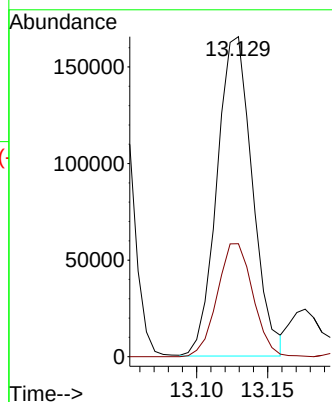
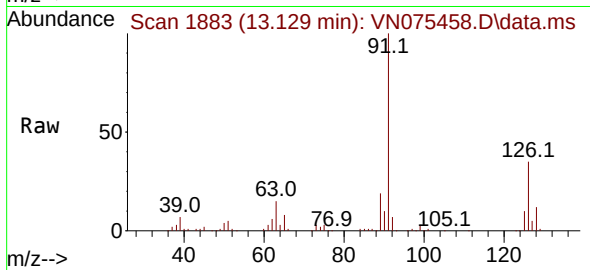
#82
4-Chlorotoluene
Concen: 50.685 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD

Tgt Ion: 91 Resp: 28706
Ion Ratio Lower Upper
91 100
126 35.7 16.9 50.7

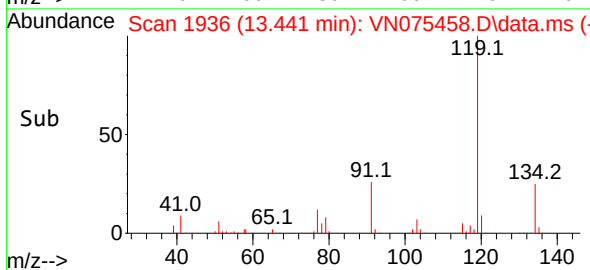
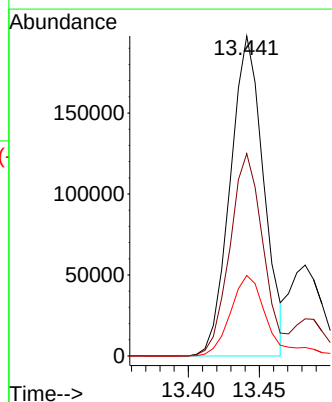
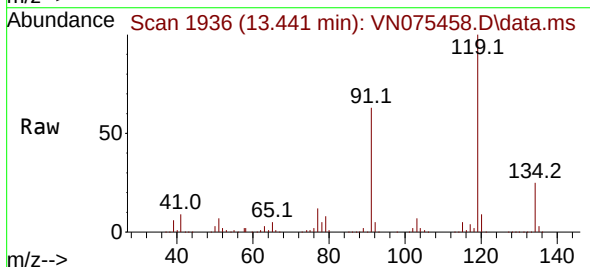
Manual Integrations
APPROVED

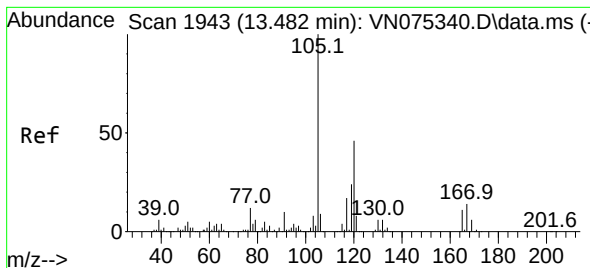
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#83
tert-Butylbenzene
Concen: 50.698 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Tgt Ion:119 Resp: 323471
Ion Ratio Lower Upper
119 100
91 63.8 32.8 98.4
134 27.7 12.3 36.9





#84

1,2,4-Trimethylbenzene

Concen: 51.893 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075458.D

Acq: 28 Nov 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MSD

Tgt Ion:105 Resp: 364240

Ion Ratio Lower Upper

105 100

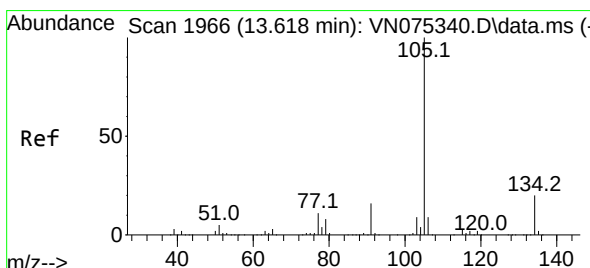
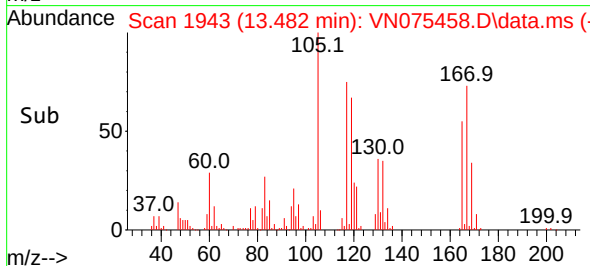
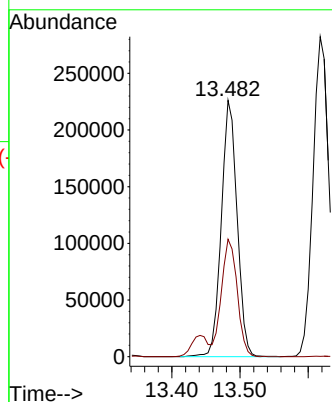
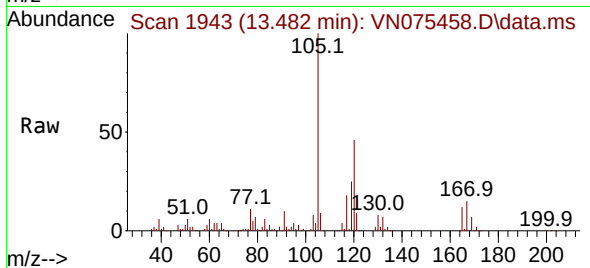
120 45.5 22.7 68.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#85

sec-Butylbenzene

Concen: 52.858 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. -0.000 min

Lab File: VN075458.D

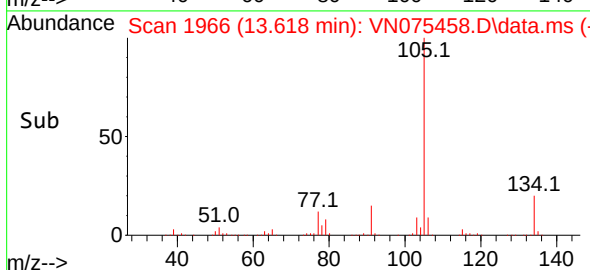
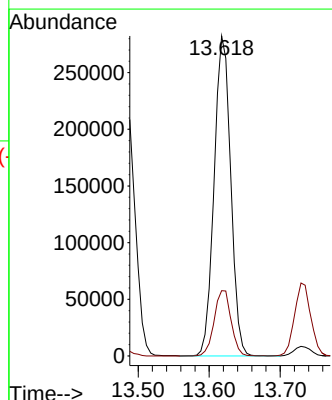
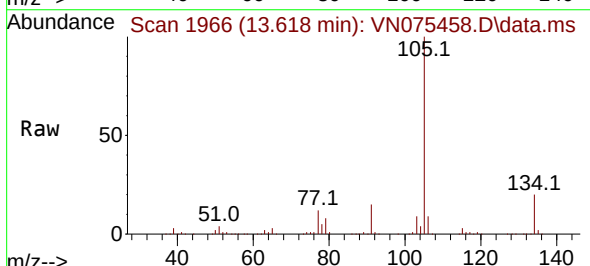
Acq: 28 Nov 2022 18:59

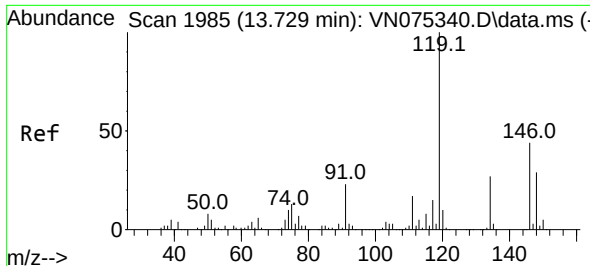
Tgt Ion:105 Resp: 457601

Ion Ratio Lower Upper

105 100

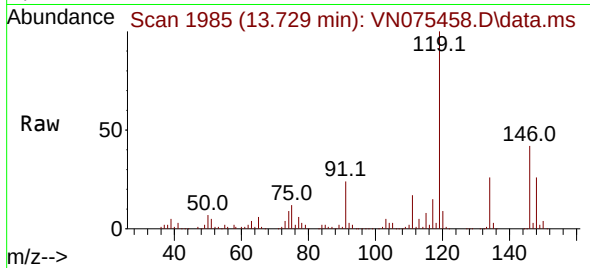
134 20.8 10.2 30.6





#86
p-Isopropyltoluene
Concen: 53.177 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

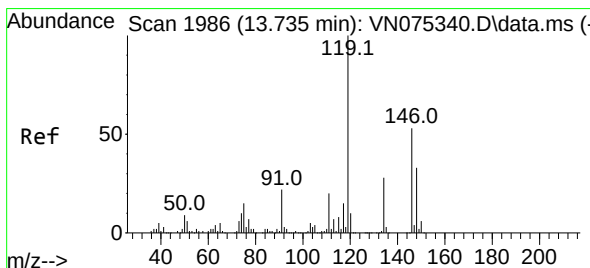
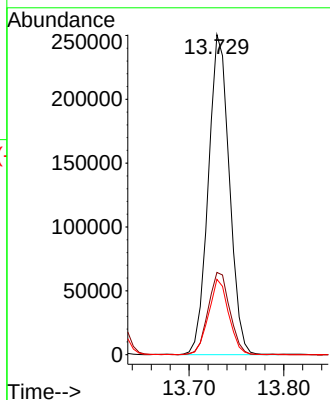
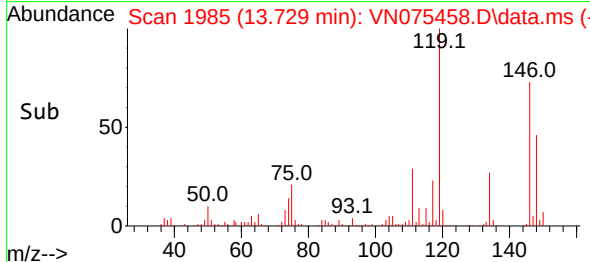
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



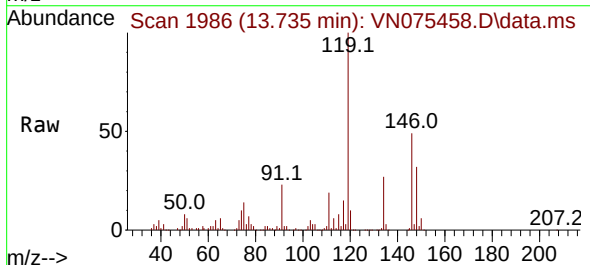
Tgt Ion:119 Resp: 387330
Ion Ratio Lower Upper
119 100
134 26.4 13.1 39.3
91 22.7 11.9 35.5

Manual Integrations
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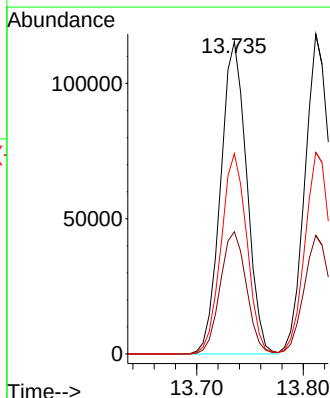
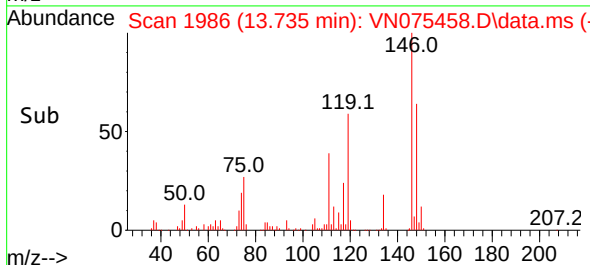
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

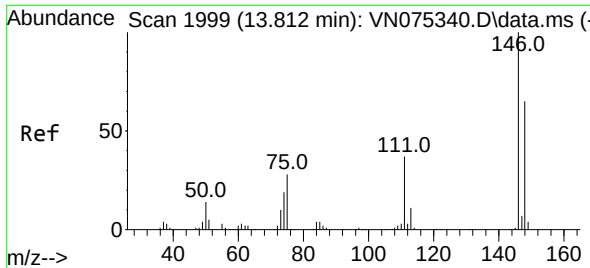


#87
1,3-Dichlorobenzene
Concen: 49.890 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59



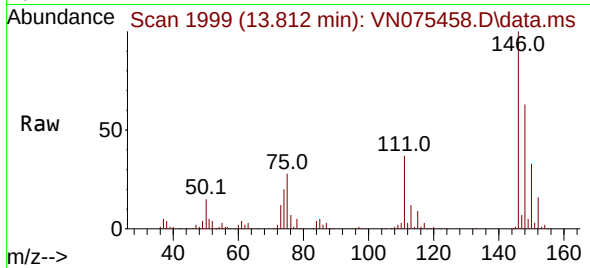
Tgt Ion:146 Resp: 196561
Ion Ratio Lower Upper
146 100
111 39.1 20.8 62.5
148 63.3 31.1 93.5





#88
1,4-Dichlorobenzene
Concen: 48.594 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

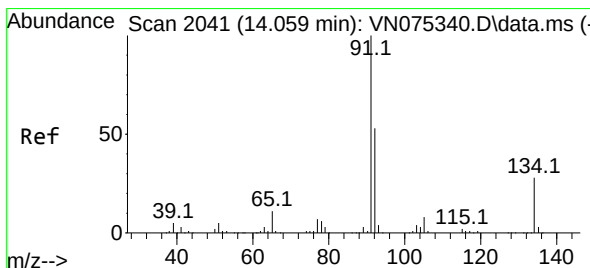
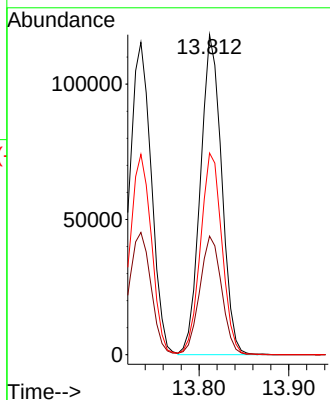
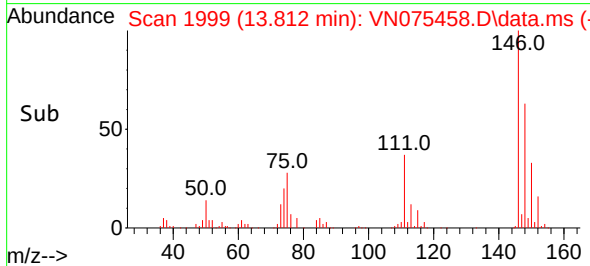
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



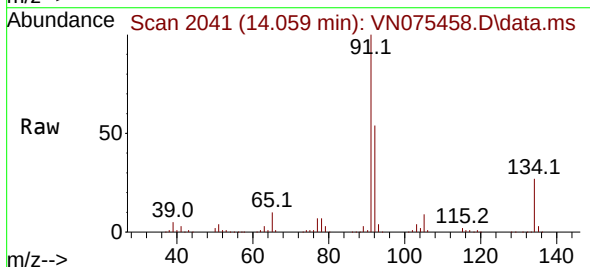
Tgt Ion:146 Resp: 19448
Ion Ratio Lower Upper
146 100
111 38.2 20.1 60.3
148 63.8 31.9 95.7

Manual Integrations
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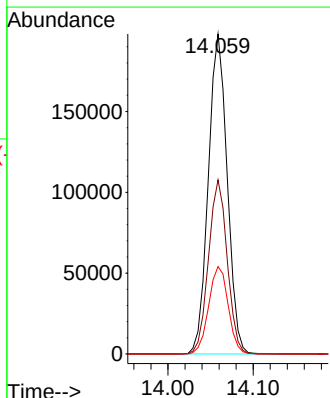
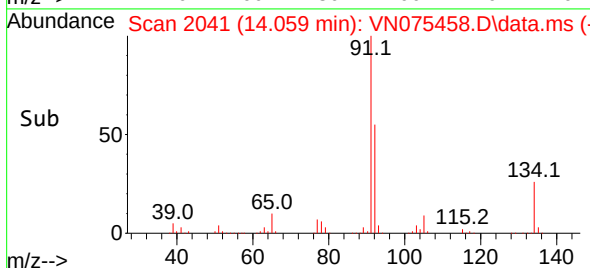
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

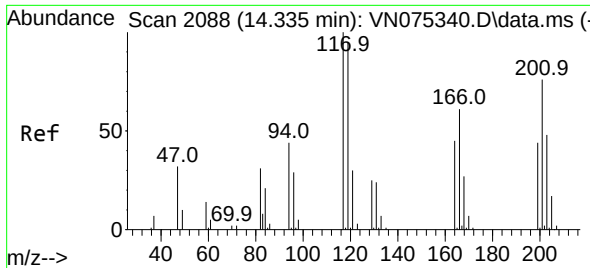


#89
n-Butylbenzene
Concen: 49.580 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59



Tgt Ion: 91 Resp: 305007
Ion Ratio Lower Upper
91 100
92 53.8 26.5 79.4
134 28.1 13.0 39.0





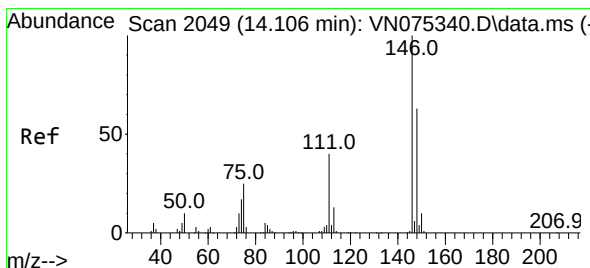
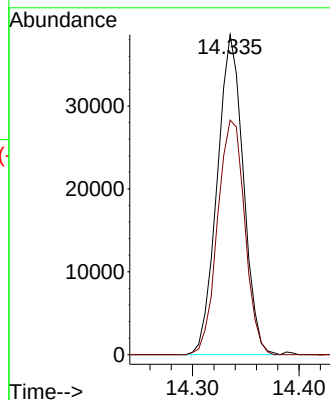
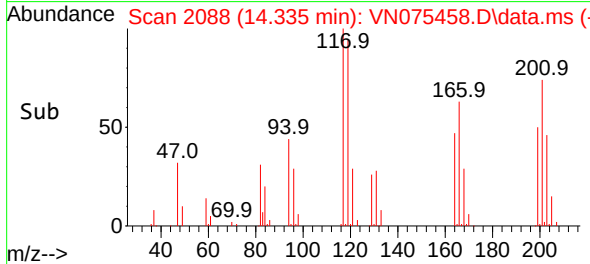
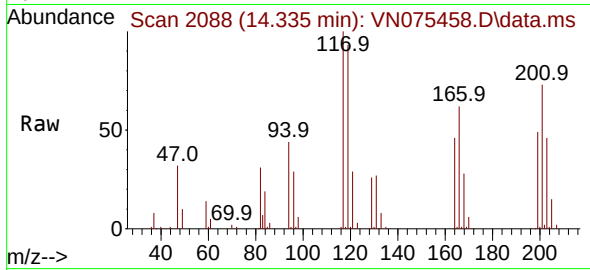
#90
Hexachloroethane
Concen: 52.318 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD

Tgt Ion:117 Resp: 65740
Ion Ratio Lower Upper
117 100
201 76.4 31.5 94.5

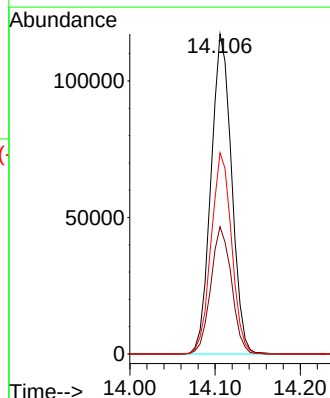
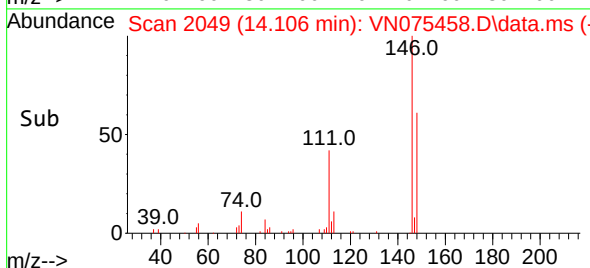
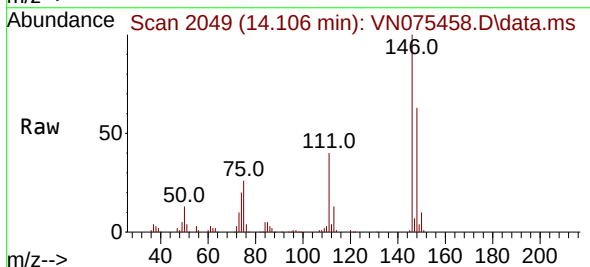
Manual Integrations
APPROVED

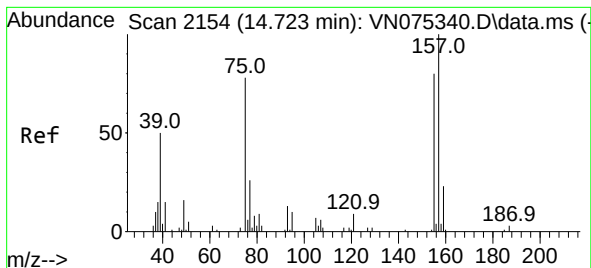
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#91
1,2-Dichlorobenzene
Concen: 51.249 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

Tgt Ion:146 Resp: 196817
Ion Ratio Lower Upper
146 100
111 39.9 21.3 63.9
148 62.7 31.4 94.2





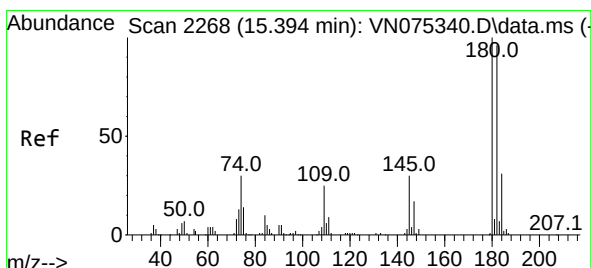
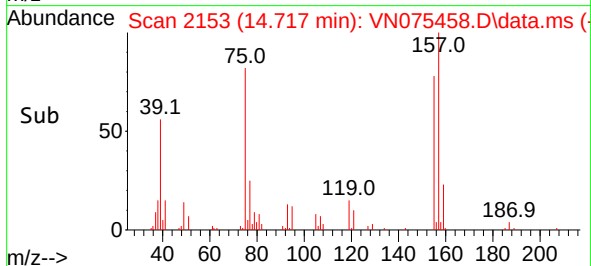
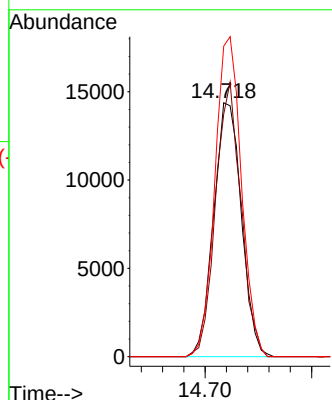
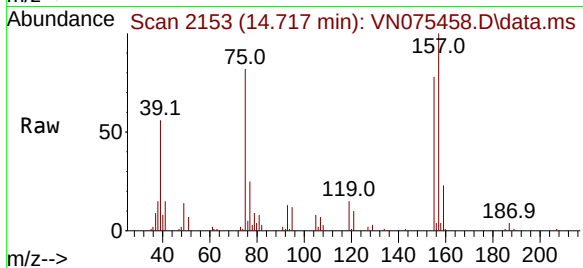
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.448 ug/l
 RT: 14.717 min Scan# 2154
 Delta R.T. -0.006 min
 Lab File: VN075458.D
 Acq: 28 Nov 2022 18:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW181S-20221117MSD

Tgt Ion: 75 Resp: 2599
 Ion Ratio Lower Upper
 75 100
 155 98.4 42.1 126.3
 157 120.1 51.7 155.1

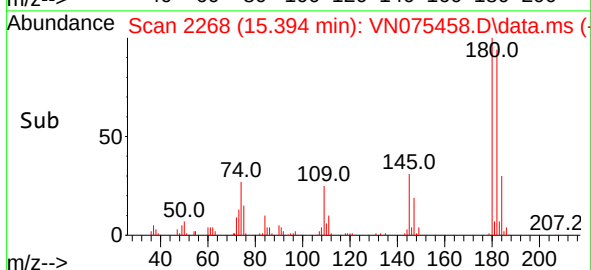
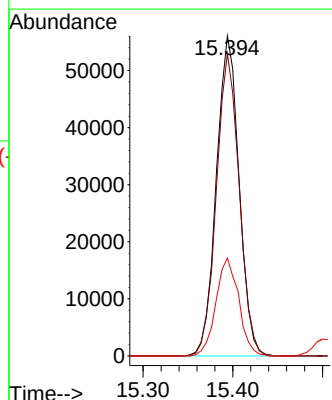
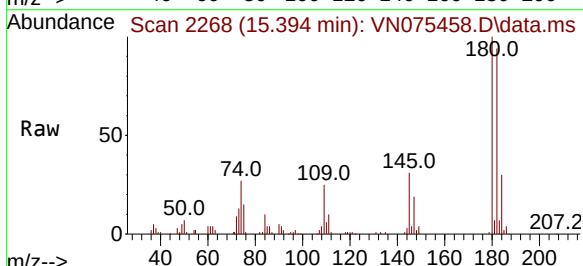
Manual Integrations
 APPROVED

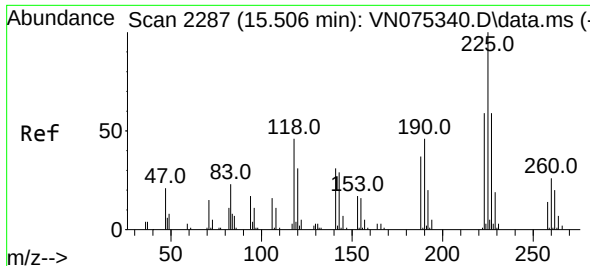
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#93
 1,2,4-Trichlorobenzene
 Concen: 49.878 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: VN075458.D
 Acq: 28 Nov 2022 18:59

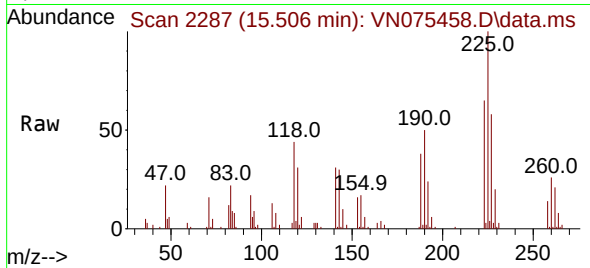
Tgt Ion:180 Resp: 98163
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.4
 145 30.8 16.8 50.3





#94
Hexachlorobutadiene
Concen: 49.144 ug/l
RT: 15.506 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

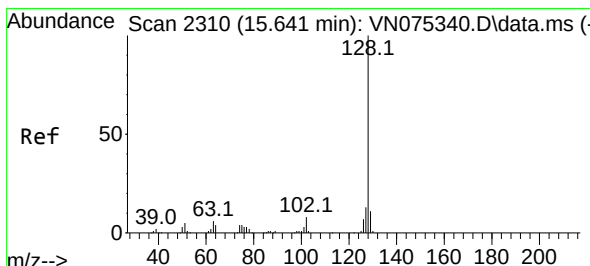
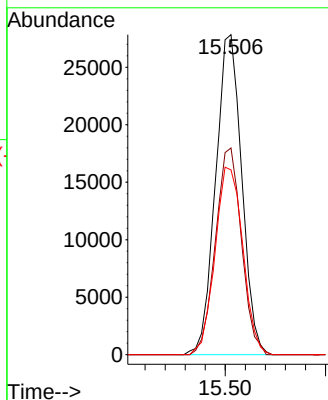
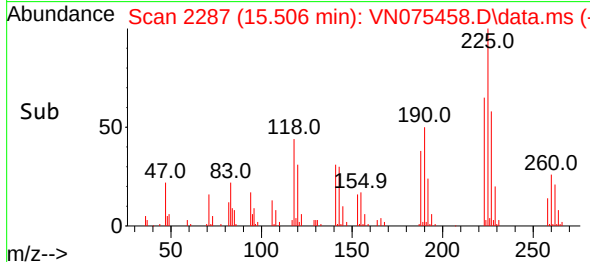
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MSD



Tgt Ion:225 Resp: 50379
Ion Ratio Lower Upper
225 100
223 64.3 32.3 96.9
227 62.3 32.0 96.2

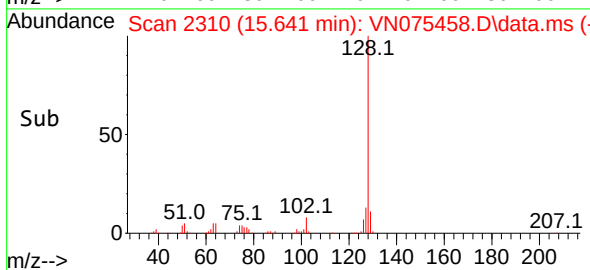
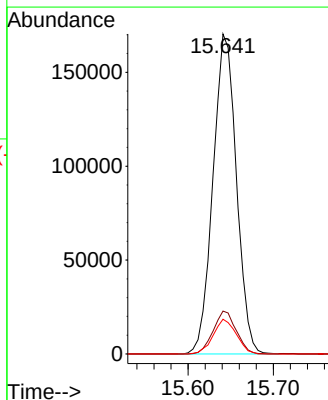
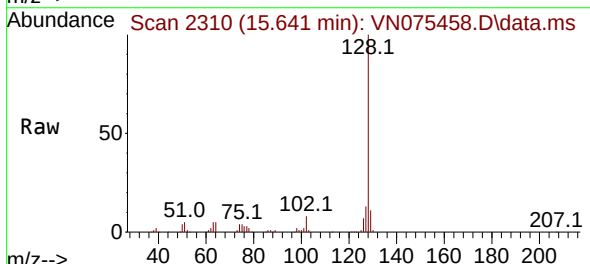
Manual Integrations
APPROVED

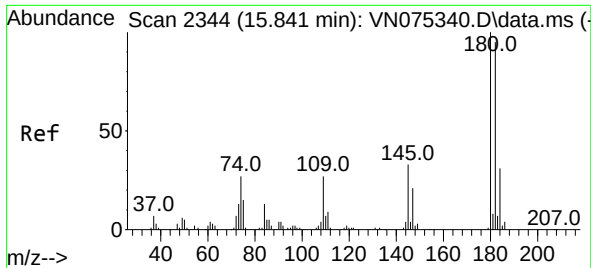
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#95
Naphthalene
Concen: 52.571 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075458.D
Acq: 28 Nov 2022 18:59

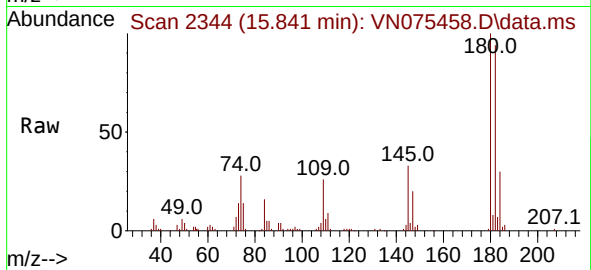
Tgt Ion:128 Resp: 325493
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.7 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 50.556 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075458.D
 Acq: 28 Nov 2022 18:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW181S-20221117MSD



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	32.6	17.6	52.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022

